

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060421\
 Data File : BF124149.D
 Acq On : 4 Jun 2021 20:17
 Operator : JU/CG
 Sample : M2512-09 50X
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 COMP-4-6

Integration Parameters: rteint.p

Integrator: RTE

Smoothing : ON

Filtering: 5

Sampling : 1

Min Area: 3 % of largest Peak

Start Thrs: 0.2

Max Peaks: 100

Stop Thrs : 0

Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >

Peak separation: 5

Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF060321.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF124149.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.392	559	562	566	rBV2	33311	31208	3.55%	0.283%
2	6.704	780	785	788	rBV2	64034	58369	6.64%	0.529%
3	6.869	809	813	819	rVB	260623	218360	24.83%	1.980%
4	7.204	868	870	874	rVV	27910	21452	2.44%	0.194%
5	7.251	874	878	882	rVB2	20998	24562	2.79%	0.223%
6	7.463	909	914	917	rVV	151905	118442	13.47%	1.074%
7	7.516	917	923	926	rVV3	27465	33347	3.79%	0.302%
8	7.651	942	946	948	rBV2	61538	59741	6.79%	0.542%
9	7.745	959	962	964	rBV	76584	62859	7.15%	0.570%
10	7.769	964	966	968	rVV2	24392	20201	2.30%	0.183%
11	7.798	968	971	973	rVV3	39420	47189	5.37%	0.428%
12	7.833	973	977	979	rVV3	37987	49829	5.67%	0.452%
13	7.863	979	982	985	rVB	40370	31817	3.62%	0.288%
14	7.898	985	988	992	rBV	76966	65192	7.41%	0.591%
15	7.945	992	996	998	rBV	52171	42684	4.85%	0.387%
16	8.098	1017	1022	1024	rVV3	31868	39978	4.55%	0.362%
17	8.133	1024	1028	1029	rVV	382207	337810	38.42%	3.062%
18	8.151	1029	1031	1035	rVV	295345	250232	28.46%	2.269%
19	8.210	1036	1041	1043	rVV	171224	143314	16.30%	1.299%
20	8.239	1043	1046	1048	rVV4	42517	41289	4.70%	0.374%
21	8.304	1053	1057	1059	rBV4	24356	23955	2.72%	0.217%
22	8.357	1062	1066	1068	rBV5	21494	24630	2.80%	0.223%
23	8.386	1068	1071	1073	rVB4	32128	28833	3.28%	0.261%
24	8.422	1073	1077	1079	rBV2	71718	87604	9.96%	0.794%
25	8.445	1079	1081	1087	rVV4	150817	179895	20.46%	1.631%
26	8.492	1087	1089	1092	rVB2	92109	71238	8.10%	0.646%
27	8.528	1092	1095	1099	rVB	150693	135678	15.43%	1.230%
28	8.569	1099	1102	1105	rBV	341066	298158	33.91%	2.703%
29	8.592	1105	1106	1108	rVV2	60551	44727	5.09%	0.405%
30	8.616	1108	1110	1112	rVB2	53795	46291	5.26%	0.420%
31	8.657	1114	1117	1119	rBV2	63763	55476	6.31%	0.503%
32	8.698	1119	1124	1128	rVV8	19846	47336	5.38%	0.429%
33	8.739	1128	1131	1135	rVV	768701	637604	72.52%	5.780%
34	8.780	1135	1138	1139	rVV2	40293	42076	4.79%	0.381%
35	8.798	1139	1141	1145	rVV2	62952	94483	10.75%	0.857%
36	8.839	1145	1148	1151	rVB2	116632	128975	14.67%	1.169%

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060421\
 Data File : BF124149.D
 Acq On : 4 Jun 2021 20:17
 Operator : JU/CG
 Sample : M2512-09 50X
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 COMP-4-6

Integration Parameters: rteint.p

Integrator: RTE

Smoother: ON

Filtering: 5

Sampling : 1

Min Area: 3 % of largest Peak

Start Thrs: 0.2

Max Peaks: 100

Stop Thrs : 0

Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >

Peak separation: 5

Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF060321.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	8.863	1151	1152	1156	rVB4	33314	28976	3.30%	0.263%
38	8.898	1156	1158	1160	rVB2	39174	25996	2.96%	0.236%
39	8.928	1160	1163	1166	rBV4	47357	66931	7.61%	0.607%
40	8.963	1166	1169	1173	rVB3	50126	61036	6.94%	0.553%

41	9.022	1177	1179	1181	rBV	153825	143064	16.27%	1.297%
42	9.069	1184	1187	1190	rVB2	101628	134771	15.33%	1.222%
43	9.104	1190	1193	1197	rVB	220887	182093	20.71%	1.651%
44	9.145	1197	1200	1202	rBV	197174	149552	17.01%	1.356%
45	9.169	1202	1204	1209	rVB	321048	246761	28.07%	2.237%

46	9.263	1218	1220	1224	rVB4	66271	55133	6.27%	0.500%
47	9.310	1224	1228	1232	rBV	964323	879247	100.00%	7.971%
48	9.351	1232	1235	1238	rVV4	44689	44713	5.09%	0.405%
49	9.422	1245	1247	1249	rVB3	55370	42772	4.86%	0.388%
50	9.457	1250	1253	1254	rBV2	20363	20664	2.35%	0.187%

51	9.492	1258	1259	1262	rVB2	50915	40225	4.57%	0.365%
52	9.563	1262	1271	1273	rBV2	134017	198071	22.53%	1.796%
53	9.580	1273	1274	1277	rVV2	87988	70801	8.05%	0.642%
54	9.627	1277	1282	1284	rVV3	351680	406219	46.20%	3.683%
55	9.645	1284	1285	1289	rVB	141250	107902	12.27%	0.978%

56	9.686	1289	1292	1294	rBV	106343	81285	9.24%	0.737%
57	9.774	1303	1307	1310	rBV6	45540	67236	7.65%	0.610%
58	9.816	1310	1314	1315	rVV3	60613	83764	9.53%	0.759%
59	9.833	1315	1317	1320	rVV	513853	430407	48.95%	3.902%
60	9.875	1322	1324	1326	rVV2	72640	83845	9.54%	0.760%

61	9.904	1326	1329	1334	rVV	345260	334827	38.08%	3.035%
62	9.945	1334	1336	1337	rVV2	35250	27127	3.09%	0.246%
63	9.974	1337	1341	1343	rVV5	33961	46854	5.33%	0.425%
64	10.004	1343	1346	1351	rVB3	60666	69330	7.89%	0.629%
65	10.063	1351	1356	1359	rBV2	76866	121155	13.78%	1.098%

66	10.092	1359	1361	1364	rVV3	70645	76730	8.73%	0.696%
67	10.127	1364	1367	1369	rVV2	49681	50507	5.74%	0.458%
68	10.157	1369	1372	1376	rVV3	111766	133373	15.17%	1.209%
69	10.192	1376	1378	1380	rVV	61124	44758	5.09%	0.406%
70	10.216	1380	1382	1385	rVV2	56434	50289	5.72%	0.456%

71	10.251	1385	1388	1390	rVV4	18486	24725	2.81%	0.224%
72	10.274	1390	1392	1395	rVV	74385	81920	9.32%	0.743%
73	10.298	1395	1396	1399	rVV2	60775	64411	7.33%	0.584%
74	10.333	1399	1402	1405	rVV	485546	376686	42.84%	3.415%
75	10.363	1405	1407	1410	rVV2	41216	48510	5.52%	0.440%

76	10.392	1410	1412	1415	rVV4	22926	32648	3.71%	0.296%
----	--------	------	------	------	------	-------	-------	-------	--------

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060421\
 Data File : BF124149.D
 Acq On : 4 Jun 2021 20:17
 Operator : JU/CG
 Sample : M2512-09 50X
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 COMP-4-6

Integration Parameters: rteint.p
 Integrator: RTE
 Smoothing : ON Filtering: 5
 Sampling : 1 Min Area: 3 % of largest Peak
 Start Thrs: 0.2 Max Peaks: 100
 Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
 Peak separation: 5

Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF060321.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

77	10.486	1426	1428	1429	rVV	29100	23148	2.63%	0.210%
78	10.504	1429	1431	1434	rVB3	26548	23634	2.69%	0.214%
79	10.557	1434	1440	1442	rBV	125489	153568	17.47%	1.392%
80	10.604	1446	1448	1452	rVB4	31726	27252	3.10%	0.247%
81	10.639	1452	1454	1457	rBV2	31418	31751	3.61%	0.288%
82	10.674	1457	1460	1462	rBV	48949	36543	4.16%	0.331%
83	10.780	1474	1478	1480	rBV4	17882	21045	2.39%	0.191%
84	10.810	1480	1483	1492	rVB	196691	305634	34.76%	2.771%
85	10.998	1512	1515	1517	rBV2	51928	50344	5.73%	0.456%
86	11.227	1551	1554	1556	rVV2	45102	39531	4.50%	0.358%
87	11.257	1556	1559	1561	rVV	108077	95434	10.85%	0.865%
88	11.286	1561	1564	1568	rVB5	45702	53081	6.04%	0.481%
89	11.392	1578	1582	1585	rBV	285356	235001	26.73%	2.130%
90	11.680	1629	1631	1635	rVB	33962	26166	2.98%	0.237%
91	12.092	1698	1701	1703	rBV3	24123	20652	2.35%	0.187%
92	12.474	1763	1766	1770	rBV6	23408	30503	3.47%	0.277%
93	12.974	1848	1851	1856	rVV7	24409	38373	4.36%	0.348%
94	13.333	1909	1912	1915	rVB5	19396	25437	2.89%	0.231%
95	13.451	1929	1932	1936	rBV	131520	109016	12.40%	0.988%
96	13.851	1998	2000	2003	rVB2	57059	49395	5.62%	0.448%
97	13.986	2020	2023	2026	rBV4	44556	64562	7.34%	0.585%
98	14.033	2028	2031	2035	rVV2	350032	375663	42.73%	3.406%
99	14.068	2035	2037	2040	rVB4	42693	42927	4.88%	0.389%
100	15.521	2280	2284	2293	rVB	180093	271858	30.92%	2.465%

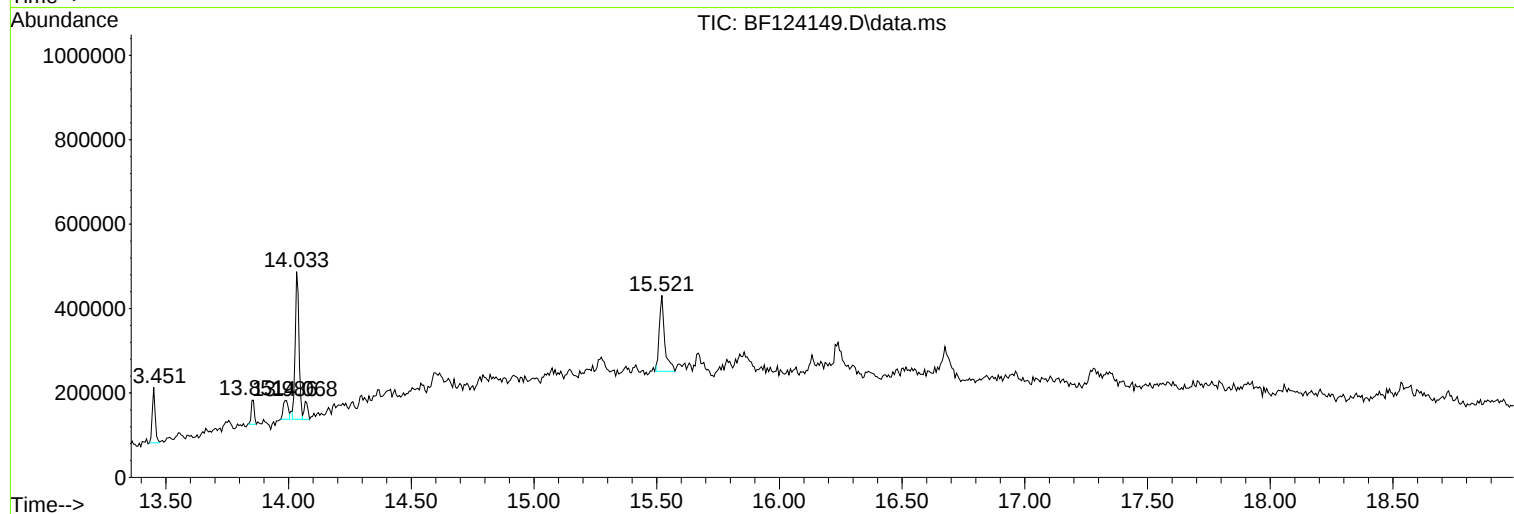
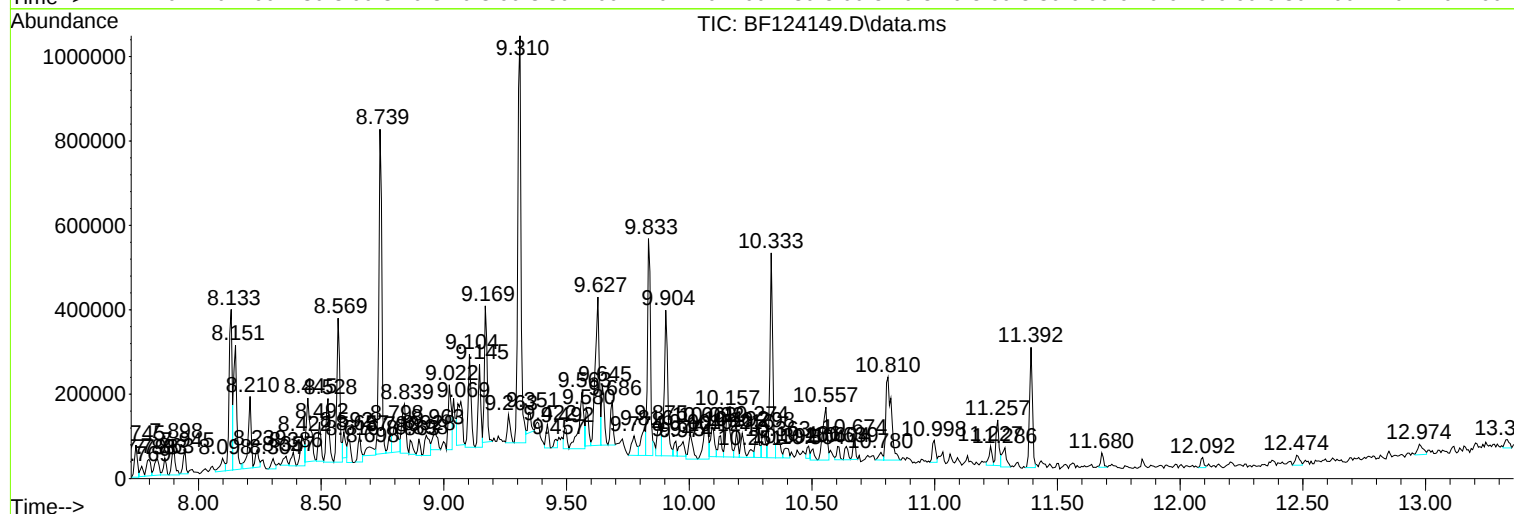
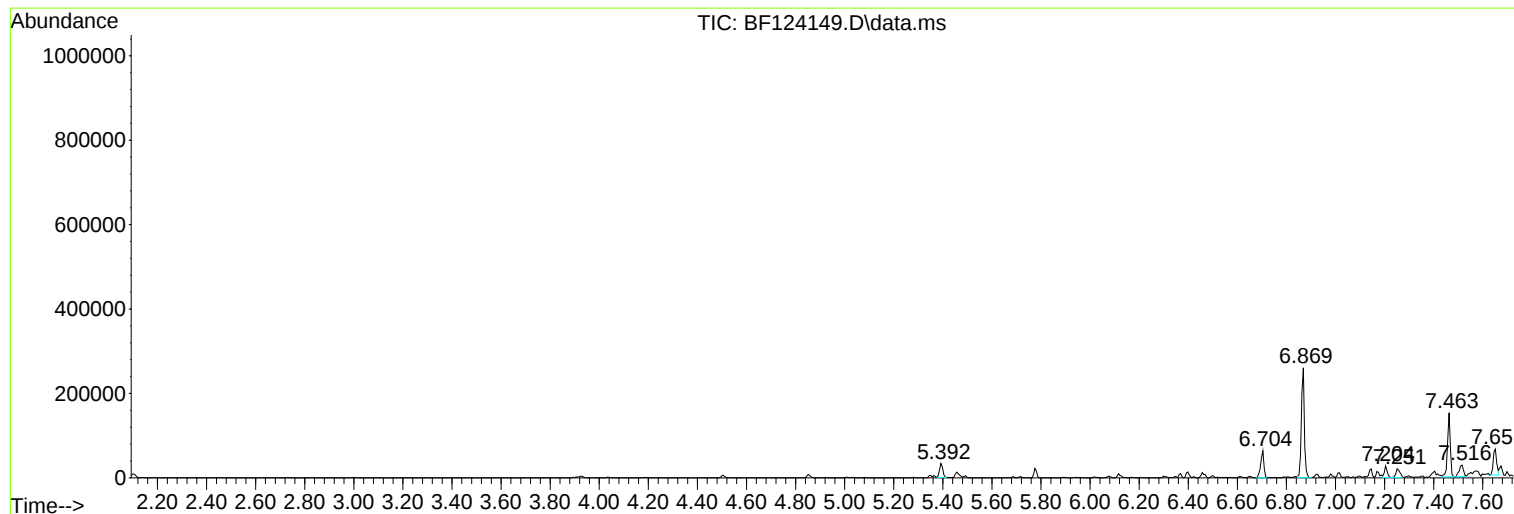
Sum of corrected areas: 11030666

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060421\
Data File : BF124149.D
Acq On : 4 Jun 2021 20:17
Operator : JU/CG
Sample : M2512-09 50X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
COMP-4-6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF060321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060421\
Data File : BF124149.D
Acq On : 4 Jun 2021 20:17
Operator : JU/CG
Sample : M2512-09 50X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
COMP-4-6

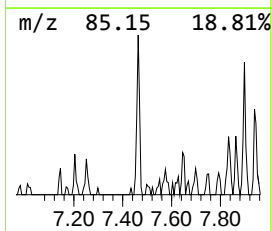
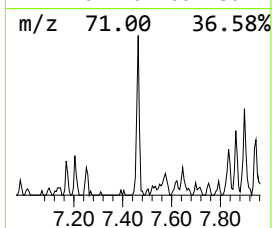
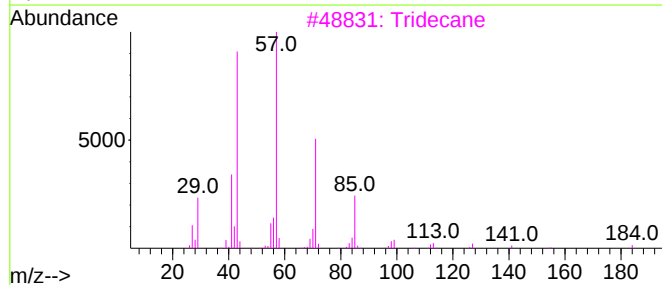
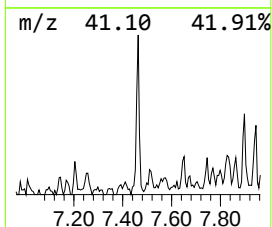
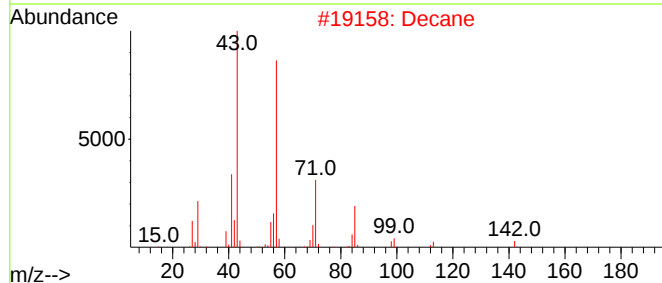
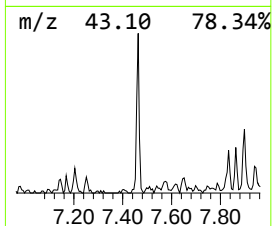
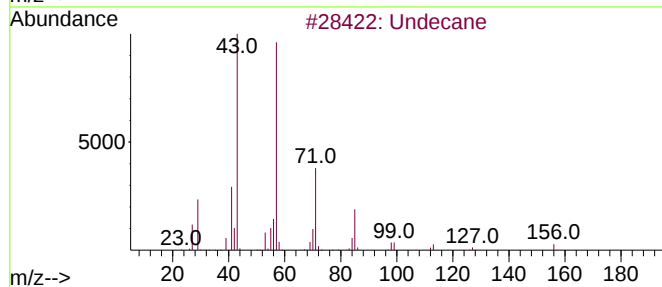
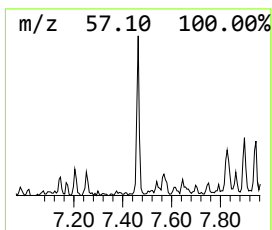
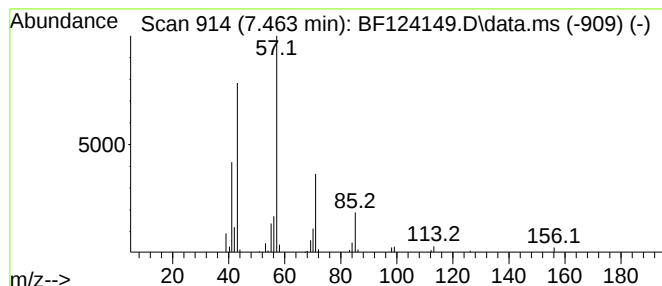
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF060321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 Undecane Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.463	10.85 ng	118442	1,4-Dichlorobenzene-d4	6.869

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane			156	C11H24	001120-21-4	91
2	Decane			142	C10H22	000124-18-5	83
3	Tridecane			184	C13H28	000629-50-5	72
4	Tetradecane			198	C14H30	000629-59-4	72
5	Decane, 2,4-dimethyl-			170	C12H26	002801-84-5	72



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060421\
Data File : BF124149.D
Acq On : 4 Jun 2021 20:17
Operator : JU/CG
Sample : M2512-09 50X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
COMP-4-6

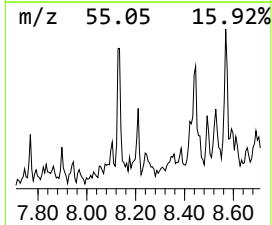
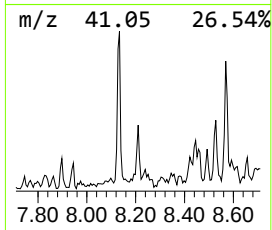
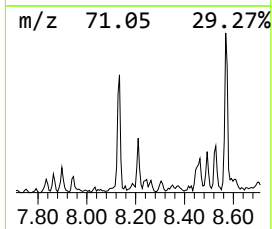
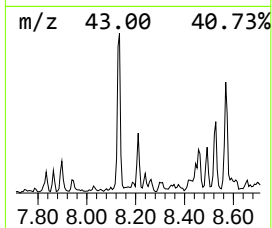
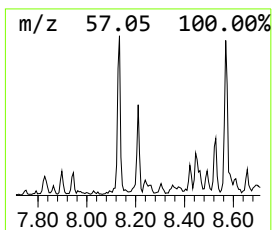
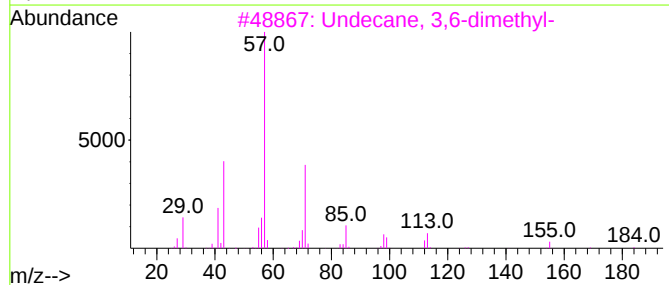
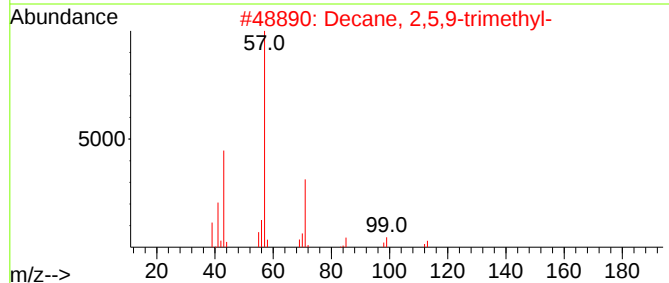
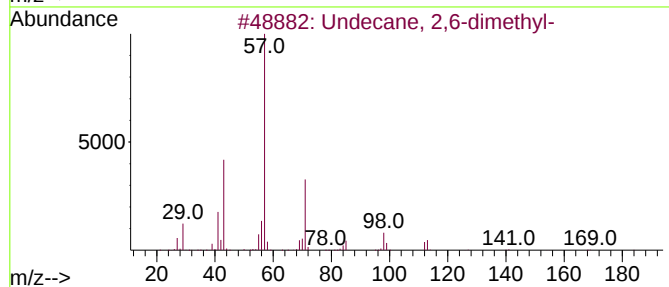
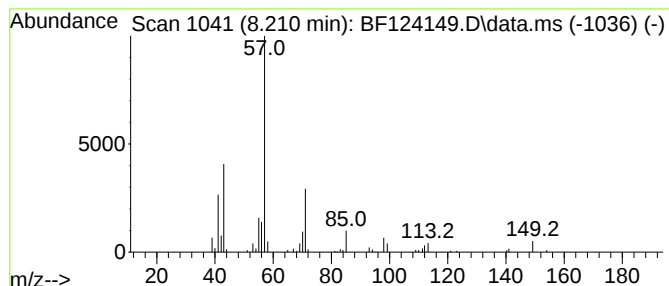
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF060321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 Undecane, 2,6-dimethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.210	11.45 ng	143314	Naphthalene-d8	8.151

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	72
2			Decane, 2,5,9-trimethyl-	184	C13H28	062108-22-9	64
3			Undecane, 3,6-dimethyl-	184	C13H28	017301-28-9	64
4			Decane, 2,6,8-trimethyl-	184	C13H28	062108-26-3	56
5			Heptane, 3-ethyl-2-methyl-	142	C10H22	014676-29-0	53



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060421\
Data File : BF124149.D
Acq On : 4 Jun 2021 20:17
Operator : JU/CG
Sample : M2512-09 50X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
COMP-4-6

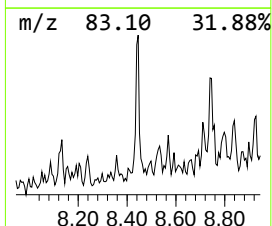
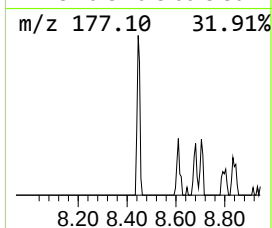
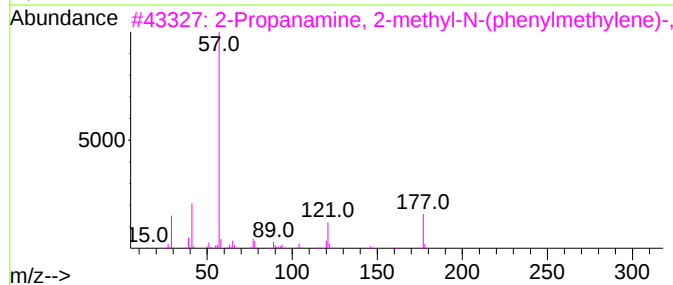
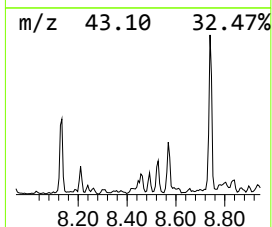
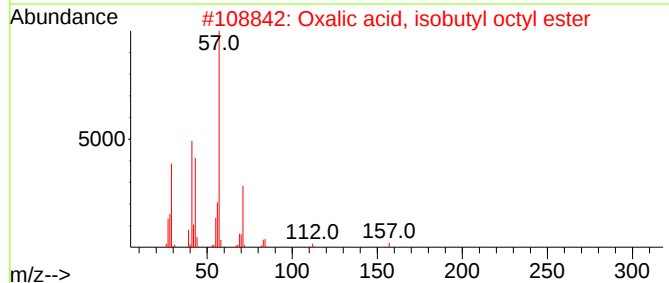
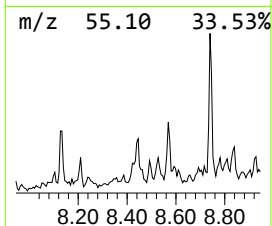
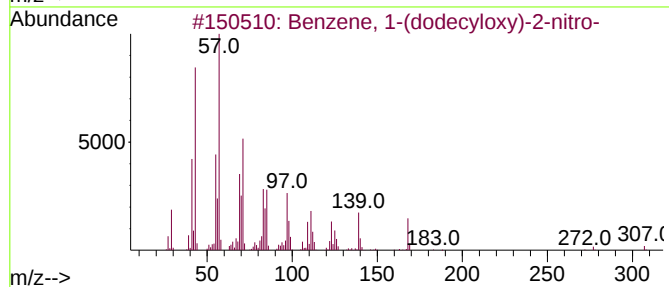
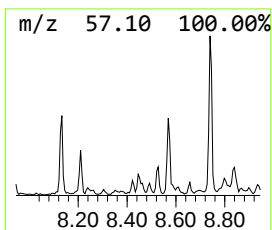
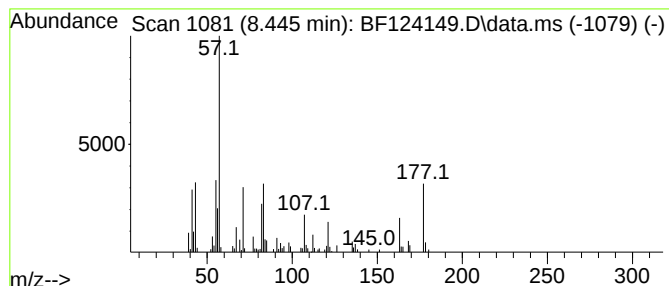
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF060321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 unknown8.445 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.445	14.38 ng	179895	Naphthalene-d8	8.151

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1-(dodecyloxy)-2-nitro-	307	C18H29NO3	083027-71-8	35
2			Oxalic acid, isobutyl octyl ester	258	C14H26O4	1000309-37-3	27
3			2-Propanamine, 2-methyl-N-(pheny...	177	C11H15NO	003376-24-7	22
4			Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	12
5			Propanamide, 2,2-dimethyl-N-phenyl-	177	C11H15NO	006625-74-7	11



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060421\
Data File : BF124149.D
Acq On : 4 Jun 2021 20:17
Operator : JU/CG
Sample : M2512-09 50X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
COMP-4-6

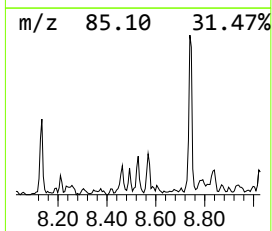
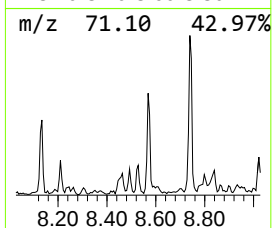
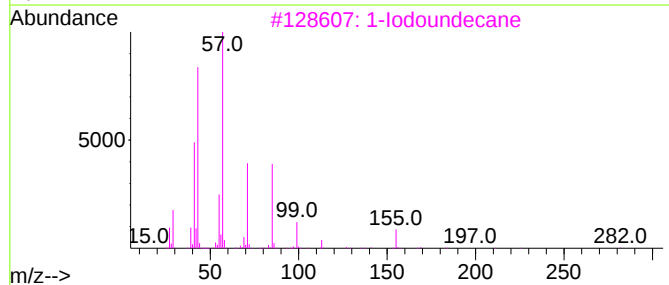
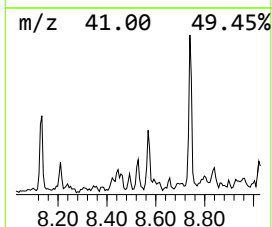
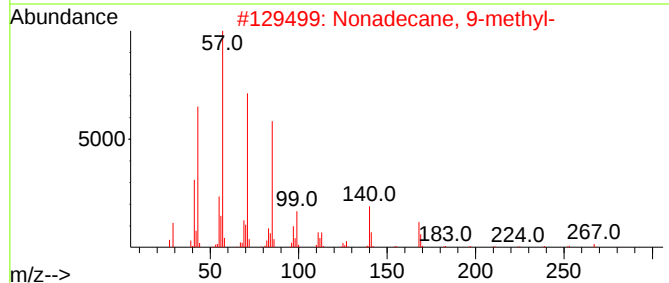
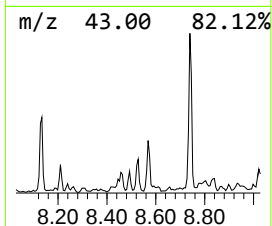
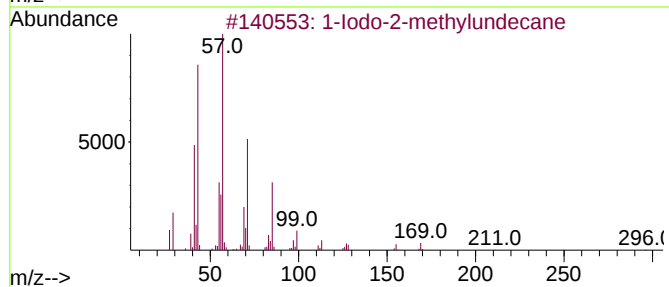
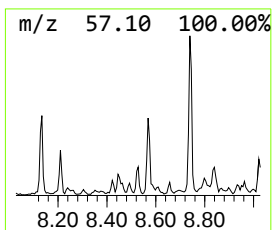
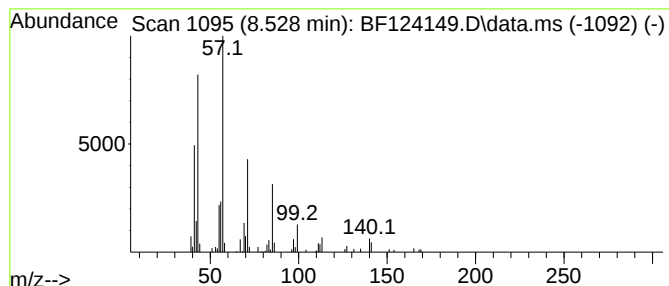
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF060321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 1-Iodo-2-methylundecane Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.528	10.84 ng	135678	Naphthalene-d8	8.151

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1-Iodo-2-methylundecane	296	C12H25I	073105-67-6	80
2			Nonadecane, 9-methyl-	282	C20H42	013287-24-6	64
3			1-Iodoundecane	282	C11H23I	004282-44-4	64
4			Decane, 1-bromo-2-methyl-	234	C11H23Br	127839-47-8	64
5			Heptacosane	380	C27H56	000593-49-7	64



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060421\
Data File : BF124149.D
Acq On : 4 Jun 2021 20:17
Operator : JU/CG
Sample : M2512-09 50X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
COMP-4-6

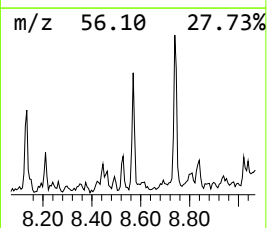
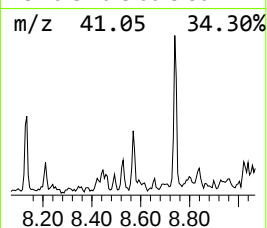
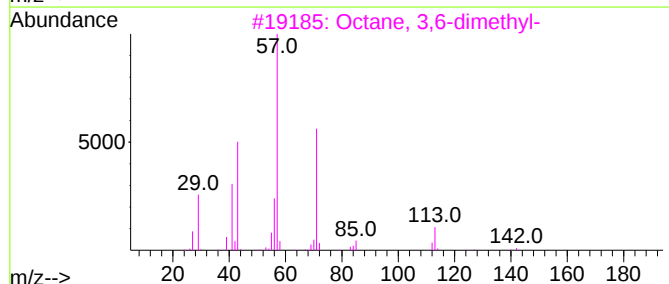
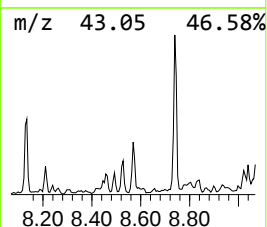
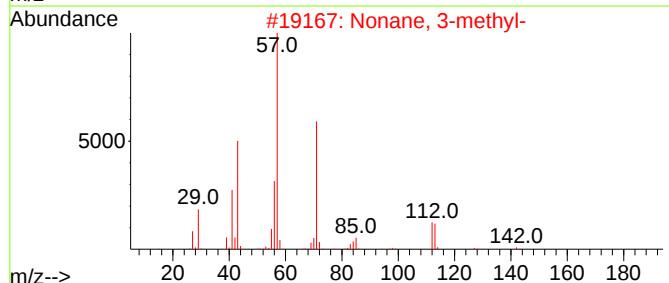
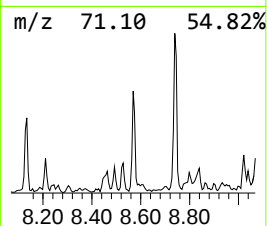
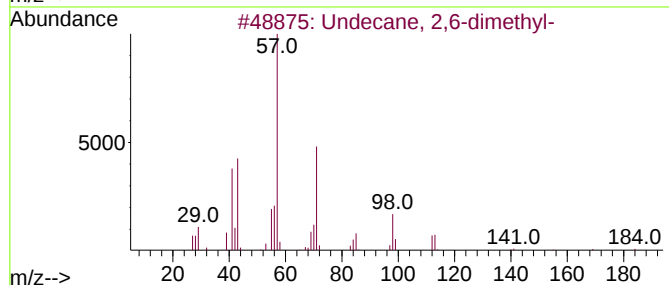
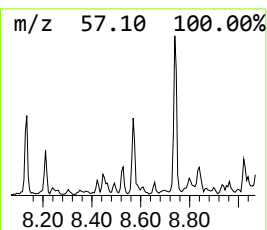
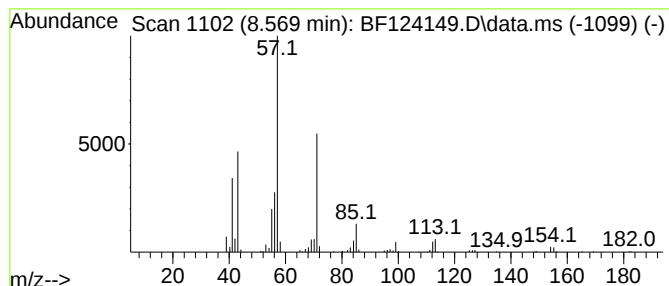
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF060321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 Nonane, 3-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.569	23.83 ng	298158	Naphthalene-d8	8.151

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	78
2			Nonane, 3-methyl-	142	C10H22	005911-04-6	72
3			Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	64
4			Pentadecane, 7-methyl-	226	C16H34	006165-40-8	64
5			Decane, 2,6,7-trimethyl-	184	C13H28	062108-25-2	59



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060421\
Data File : BF124149.D
Acq On : 4 Jun 2021 20:17
Operator : JU/CG
Sample : M2512-09 50X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
COMP-4-6

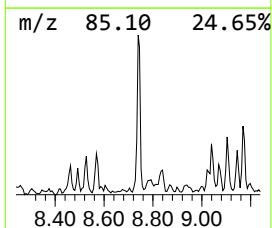
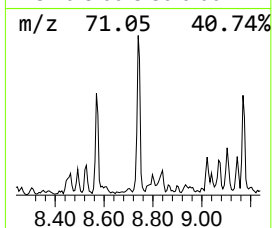
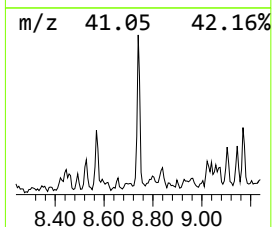
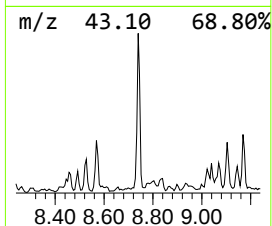
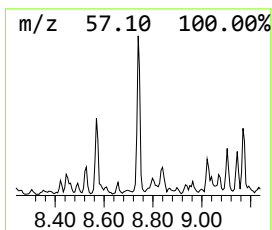
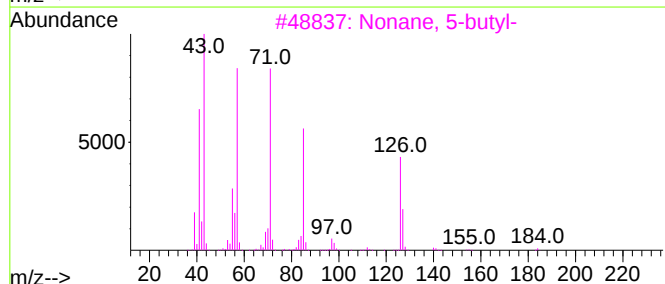
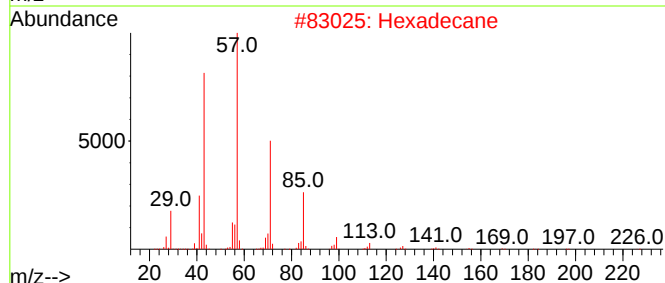
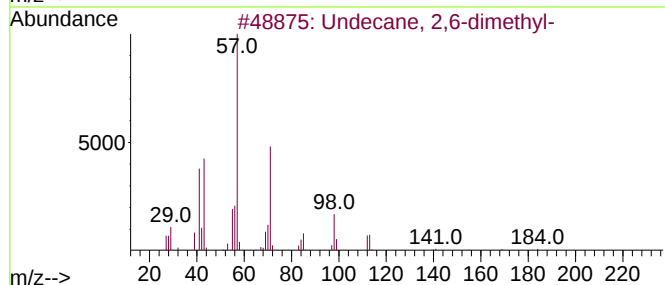
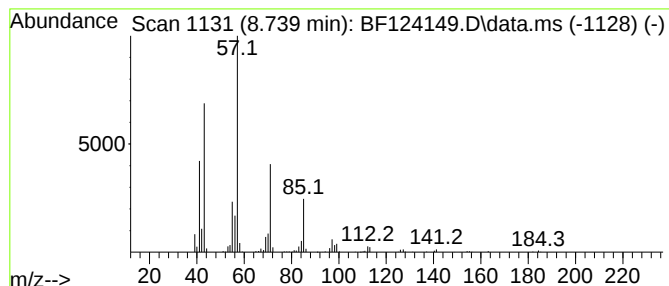
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF060321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 6 Hexadecane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.739	50.96 ng	637604	Naphthalene-d8	8.151

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	87
2			Hexadecane	226	C16H34	000544-76-3	86
3			Nonane, 5-butyl-	184	C13H28	017312-63-9	64
4			Tetradecane	198	C14H30	000629-59-4	64
5			Tridecane	184	C13H28	000629-50-5	64



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060421\
Data File : BF124149.D
Acq On : 4 Jun 2021 20:17
Operator : JU/CG
Sample : M2512-09 50X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
COMP-4-6

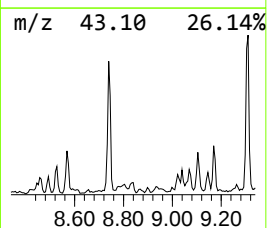
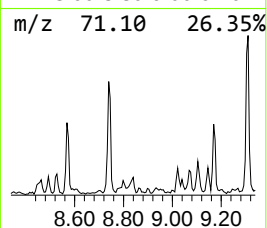
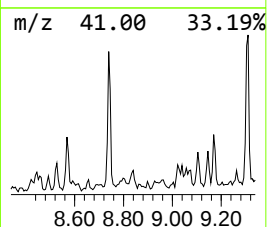
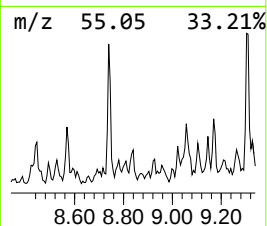
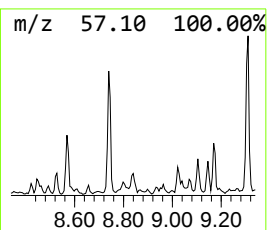
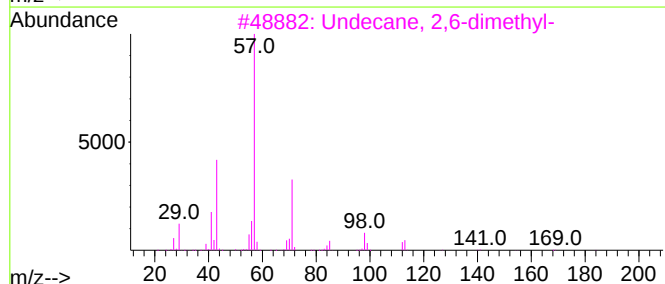
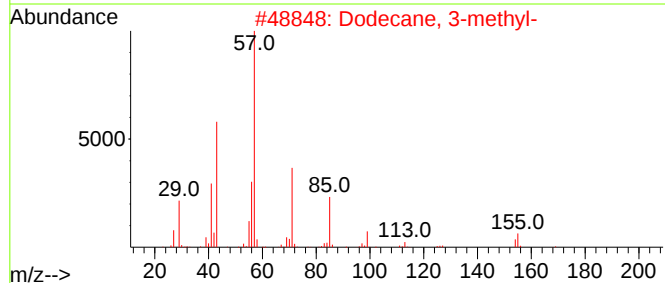
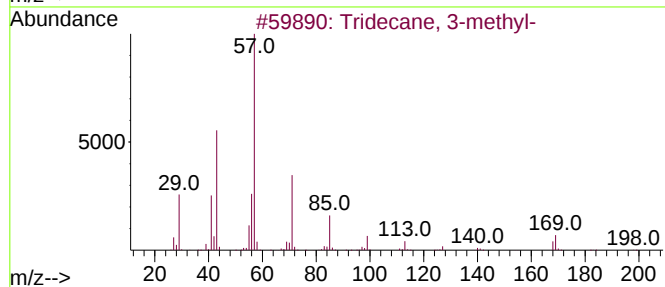
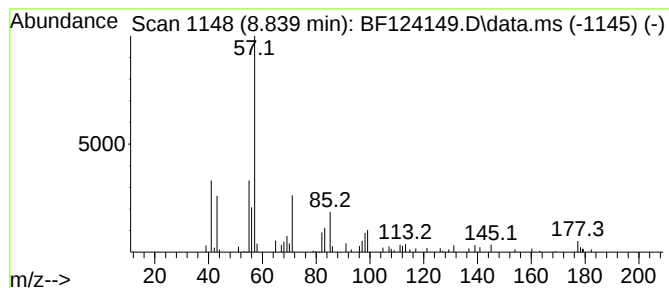
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF060321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 7 Tridecane, 3-methyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.839	10.31 ng	128975	Naphthalene-d8	8.151

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tridecane, 3-methyl-	198	C14H30	006418-41-3	64
2			Dodecane, 3-methyl-	184	C13H28	017312-57-1	53
3			Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	47
4			Isobutyl octan-2-yl carbonate	230	C13H26O3	1000372-74-7	47
5			Tetradecane, 2,5-dimethyl-	226	C16H34	056292-69-4	45



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060421\
Data File : BF124149.D
Acq On : 4 Jun 2021 20:17
Operator : JU/CG
Sample : M2512-09 50X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
COMP-4-6

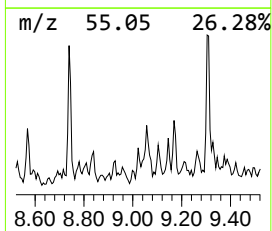
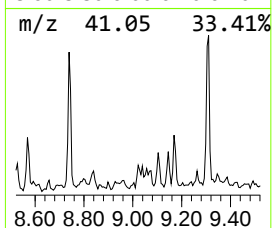
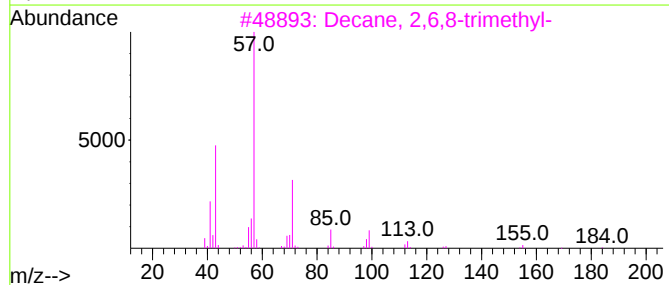
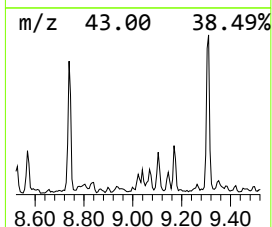
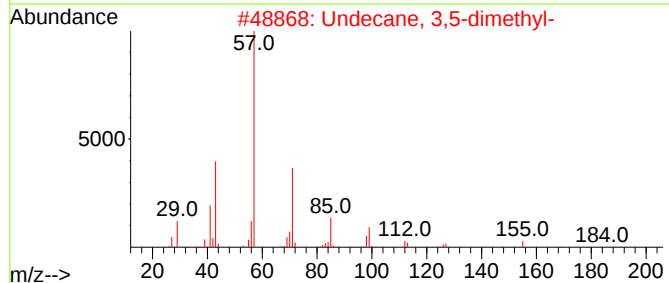
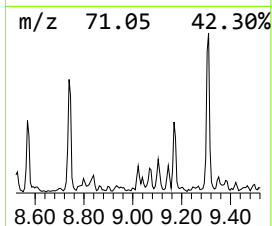
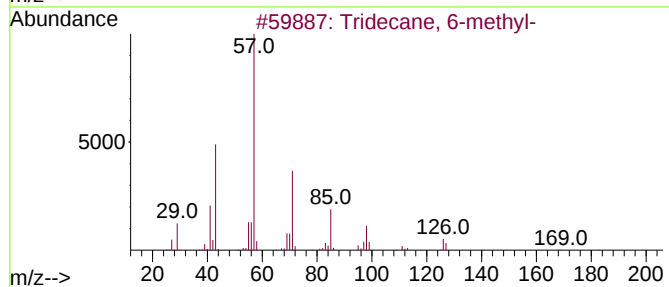
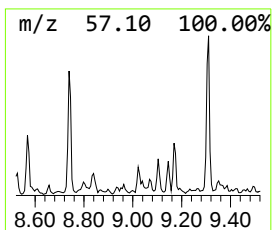
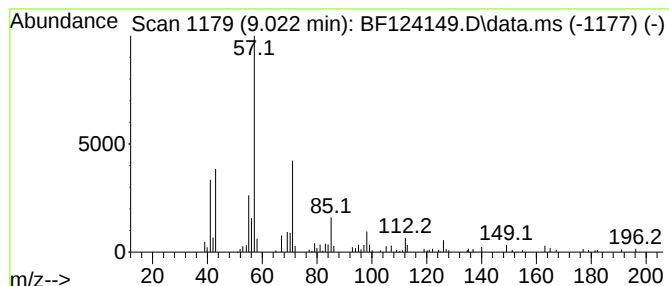
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF060321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 8 Tridecane, 6-methyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.022	11.43 ng	143064	Naphthalene-d8	8.151

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tridecane, 6-methyl-	198	C14H30	013287-21-3	86
2			Undecane, 3,5-dimethyl-	184	C13H28	017312-81-1	72
3			Decane, 2,6,8-trimethyl-	184	C13H28	062108-26-3	64
4			5-Ethyldecane	170	C12H26	017302-36-2	64
5			Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	59



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060421\
Data File : BF124149.D
Acq On : 4 Jun 2021 20:17
Operator : JU/CG
Sample : M2512-09 50X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
COMP-4-6

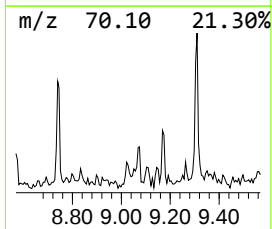
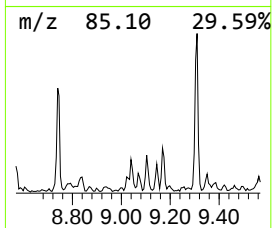
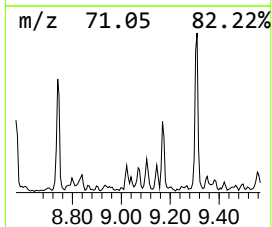
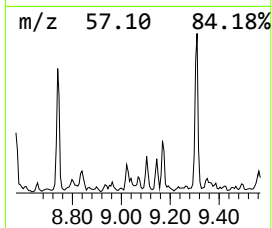
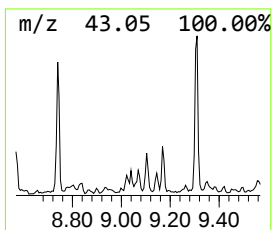
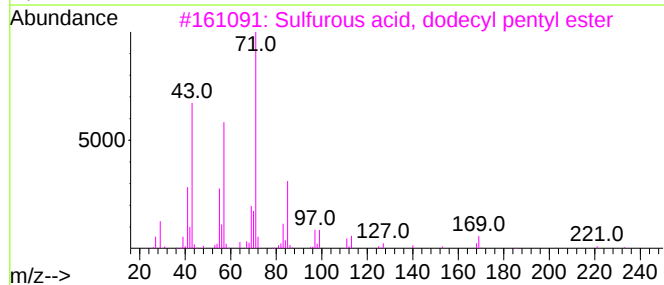
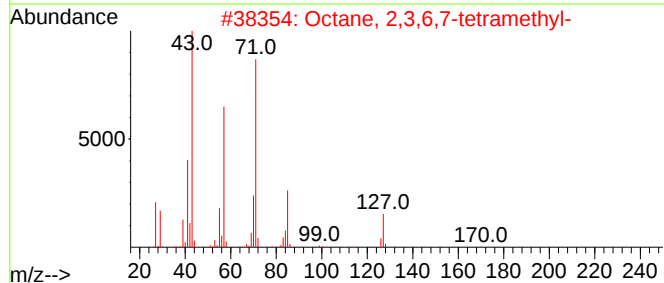
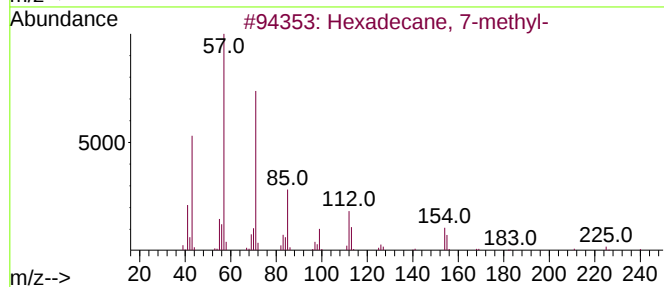
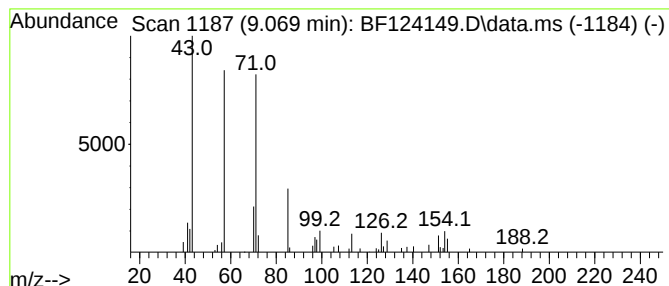
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF060321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 9 Hexadecane, 7-methyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.069	8.05 ng	134771	Acenaphthene-d10	9.904

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexadecane, 7-methyl-	240	C17H36	026730-20-1	64
2			Octane, 2,3,6,7-tetramethyl-	170	C12H26	052670-34-5	59
3			Sulfurous acid, dodecyl pentyl e...	320	C17H36O3S	1000309-14-5	59
4			Heptane, 3,3-dimethyl-	128	C9H20	004032-86-4	53
5			Sulfurous acid, pentyl tridecyl ...	334	C18H38O3S	1000309-14-6	53



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060421\
Data File : BF124149.D
Acq On : 4 Jun 2021 20:17
Operator : JU/CG
Sample : M2512-09 50X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
COMP-4-6

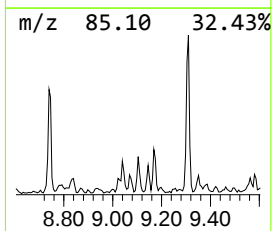
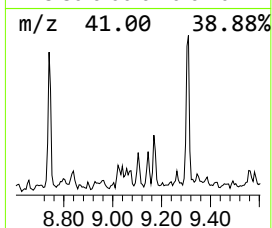
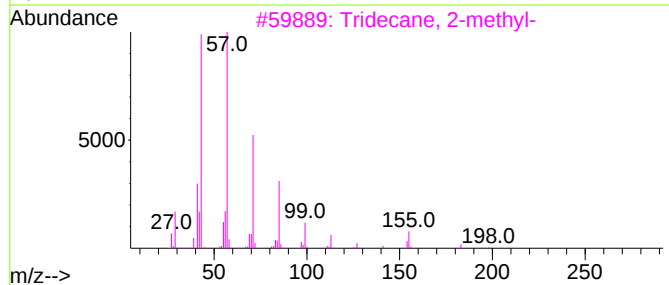
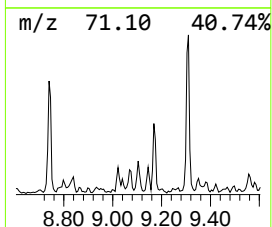
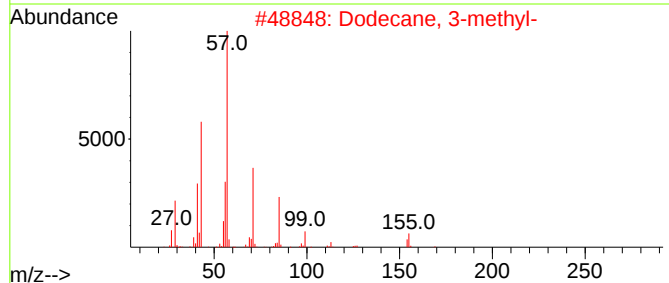
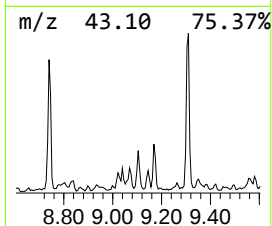
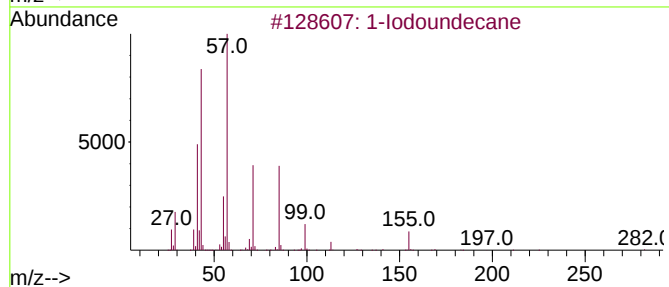
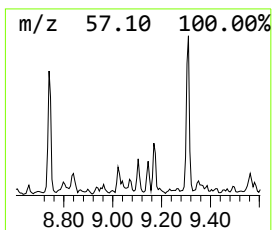
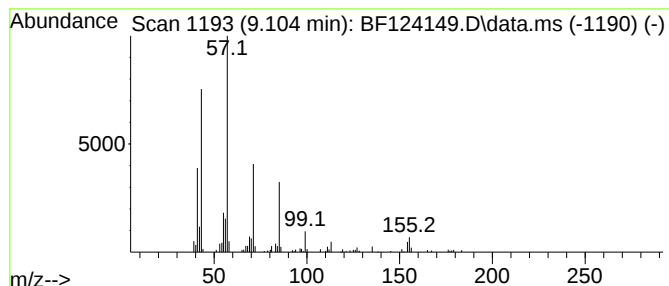
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF060321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 10 1-Iodoundecane Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.104	10.88 ng	182093	Acenaphthene-d10	9.904

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Iodoundecane		282	C11H23I	004282-44-4	86
2	Dodecane, 3-methyl-		184	C13H28	017312-57-1	86
3	Tridecane, 2-methyl-		198	C14H30	001560-96-9	83
4	Hexadecane		226	C16H34	000544-76-3	80
5	Decane, 1-bromo-2-methyl-		234	C11H23Br	127839-47-8	72



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060421\
Data File : BF124149.D
Acq On : 4 Jun 2021 20:17
Operator : JU/CG
Sample : M2512-09 50X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
COMP-4-6

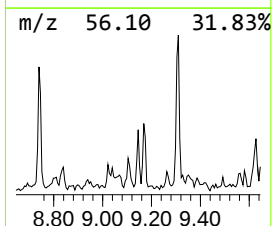
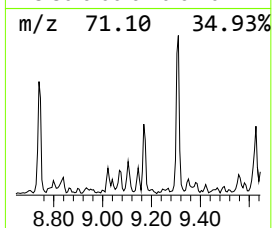
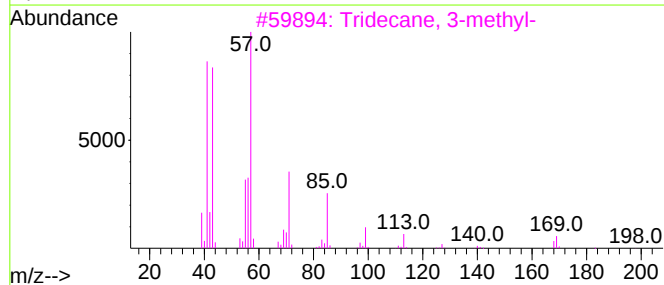
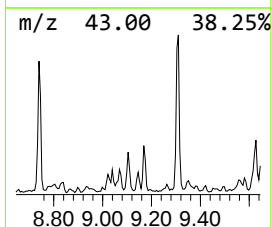
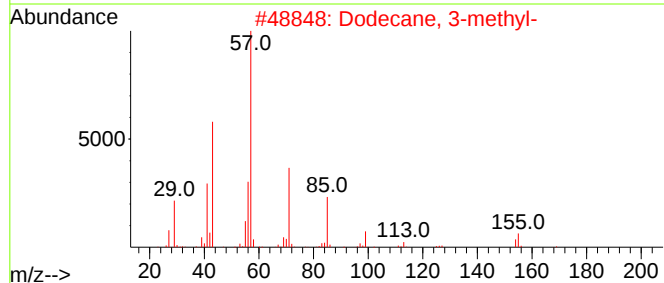
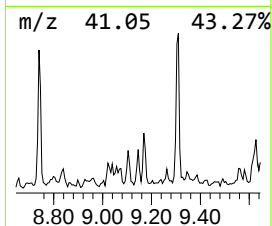
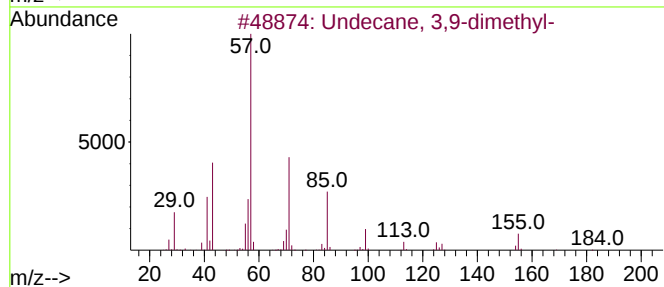
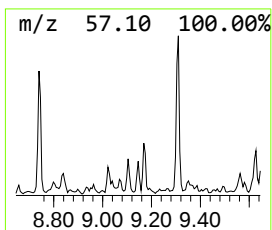
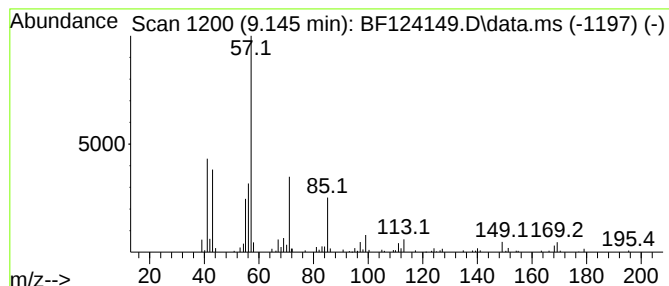
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF060321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 11 Undecane, 3,9-dimethyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.145	8.93 ng	149552	Acenaphthene-d10	9.904

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Undecane, 3,9-dimethyl-	184	C13H28	017301-31-4	64
2		Dodecane, 3-methyl-	184	C13H28	017312-57-1	64
3		Tridecane, 3-methyl-	198	C14H30	006418-41-3	53
4		Undecane, 2,9-dimethyl-	184	C13H28	017301-26-7	53
5		Tridecane, 1-iodo-	310	C13H27I	035599-77-0	47



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060421\
Data File : BF124149.D
Acq On : 4 Jun 2021 20:17
Operator : JU/CG
Sample : M2512-09 50X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
COMP-4-6

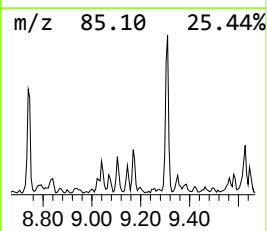
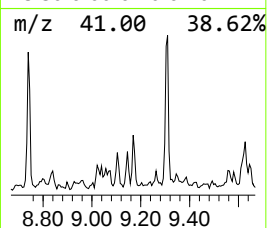
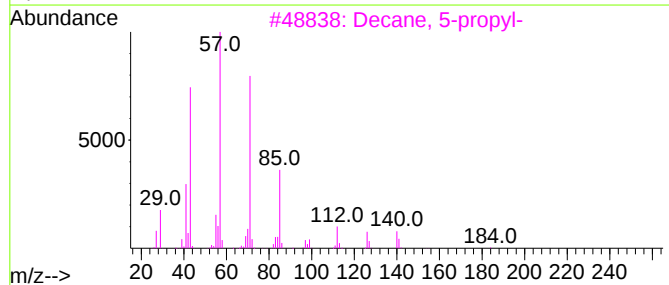
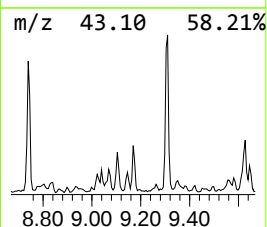
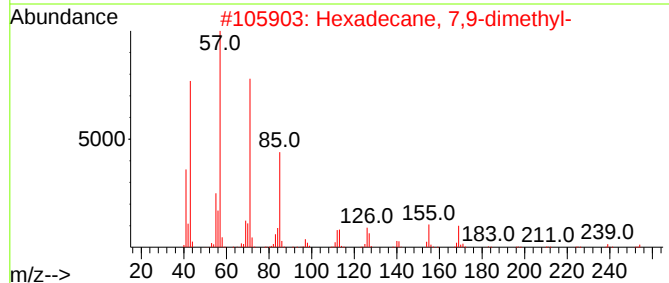
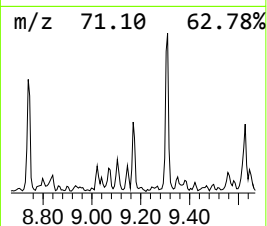
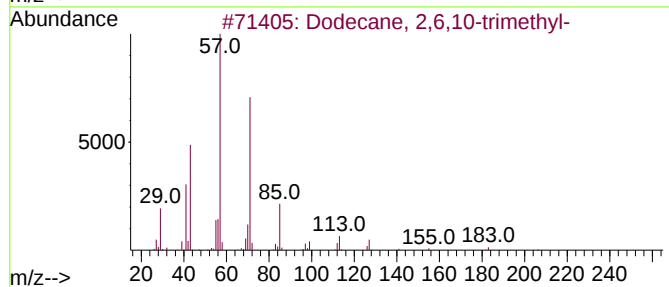
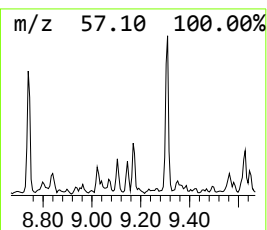
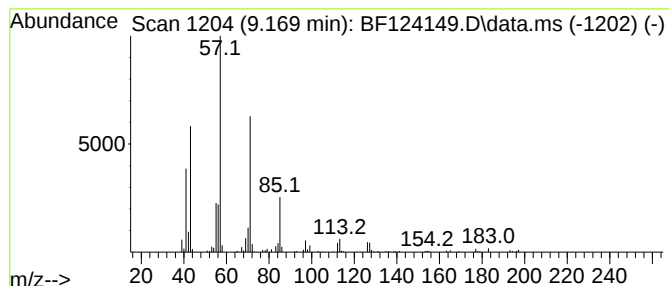
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF060321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 12 Dodecane, 2,6,10-trimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.169	14.74 ng	246761	Acenaphthene-d10	9.904

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	59
2		Hexadecane, 7,9-dimethyl-	254	C18H38	021164-95-4	59
3		Decane, 5-propyl-	184	C13H28	017312-62-8	59
4		Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	59
5		Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	53



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060421\
Data File : BF124149.D
Acq On : 4 Jun 2021 20:17
Operator : JU/CG
Sample : M2512-09 50X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
COMP-4-6

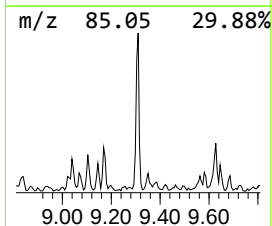
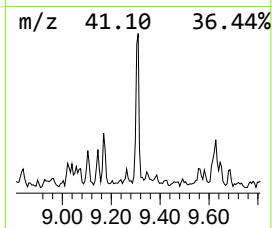
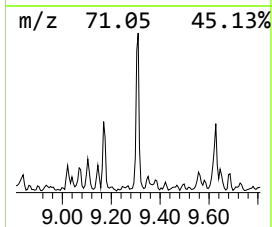
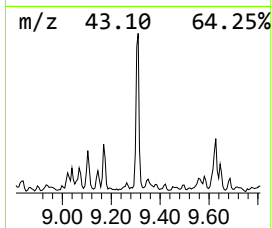
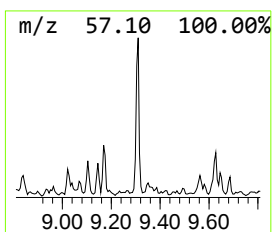
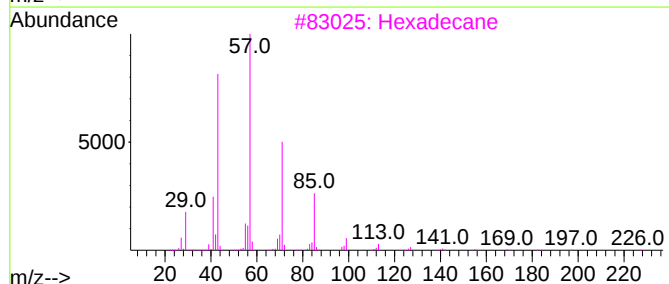
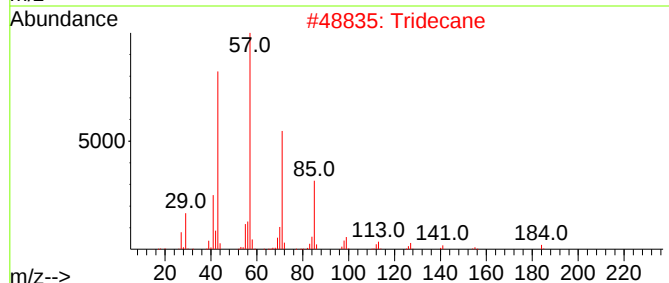
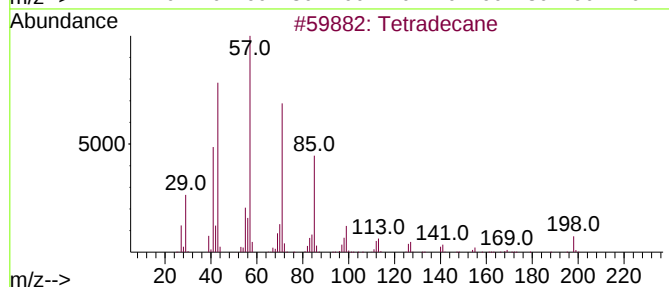
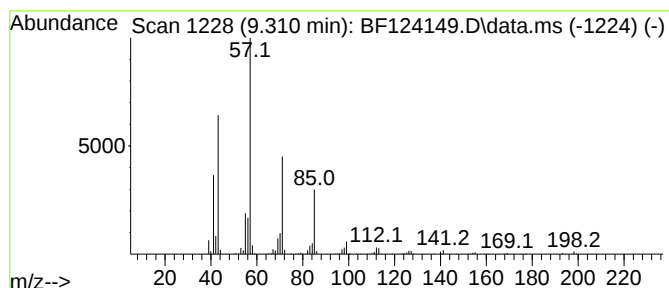
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF060321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 13 Tetradecane Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.310	52.52 ng	879247	Acenaphthene-d10	9.904

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Tetradecane	198	C14H30	000629-59-4	93
2		Tridecane	184	C13H28	000629-50-5	90
3		Hexadecane	226	C16H34	000544-76-3	87
4		Undecane	156	C11H24	001120-21-4	72
5		Heptadecane, 2,6,10,14-tetramethyl-	296	C21H44	018344-37-1	59



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060421\
Data File : BF124149.D
Acq On : 4 Jun 2021 20:17
Operator : JU/CG
Sample : M2512-09 50X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
COMP-4-6

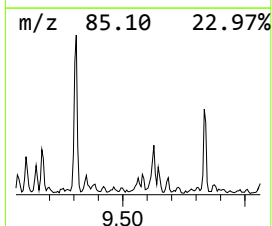
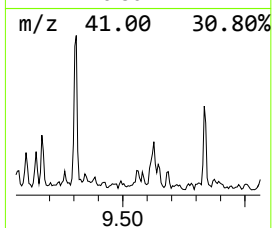
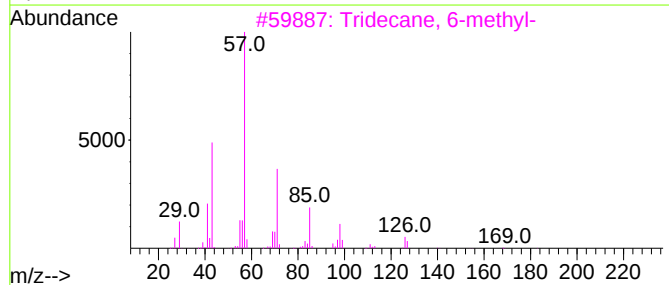
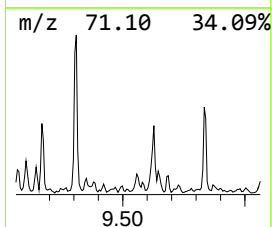
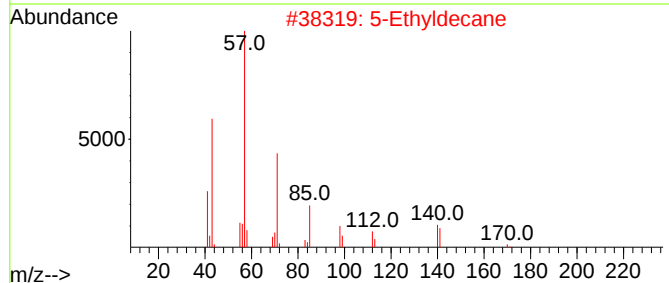
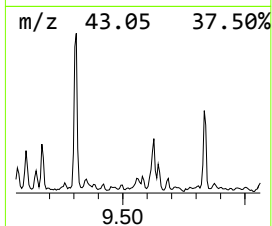
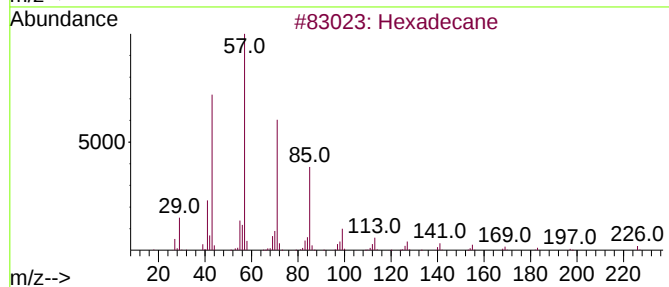
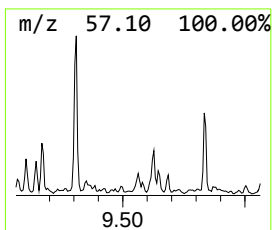
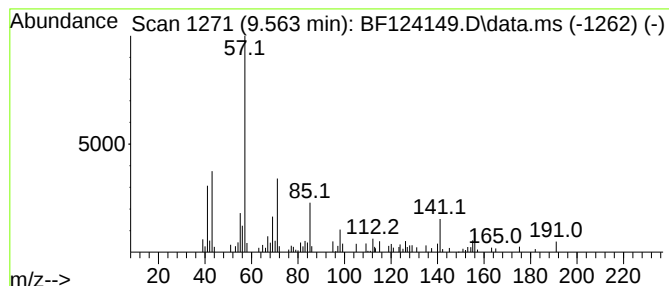
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF060321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 14 unknown9.563 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.563	11.83 ng	198071	Acenaphthene-d10	9.904

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Hexadecane	226	C16H34	000544-76-3	47
2		5-Ethyldecane	170	C12H26	017302-36-2	47
3		Tridecane, 6-methyl-	198	C14H30	013287-21-3	47
4		Hexadecane, 7,9-dimethyl-	254	C18H38	021164-95-4	46
5		Decane, 5-propyl-	184	C13H28	017312-62-8	43



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060421\
Data File : BF124149.D
Acq On : 4 Jun 2021 20:17
Operator : JU/CG
Sample : M2512-09 50X
Misc :
ALS Vial : 22 Sample Multiplier: 1

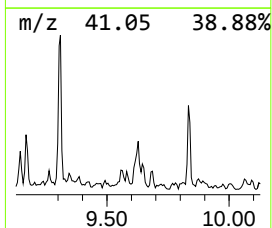
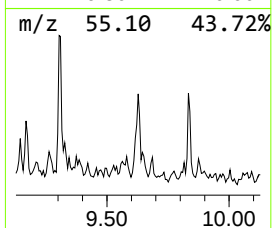
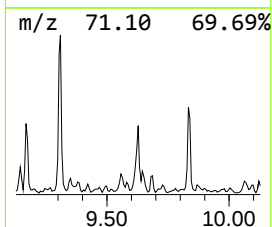
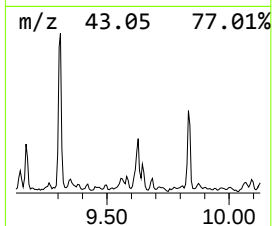
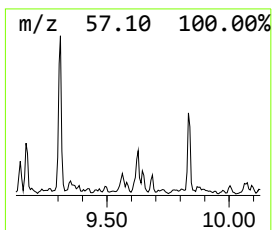
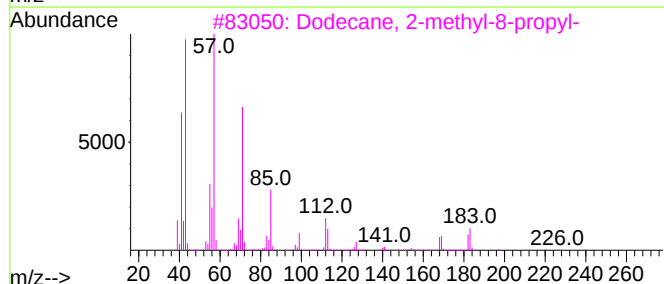
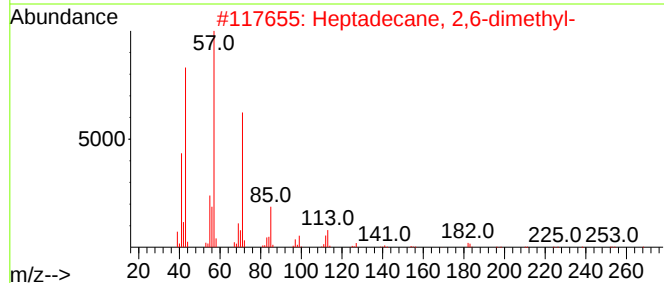
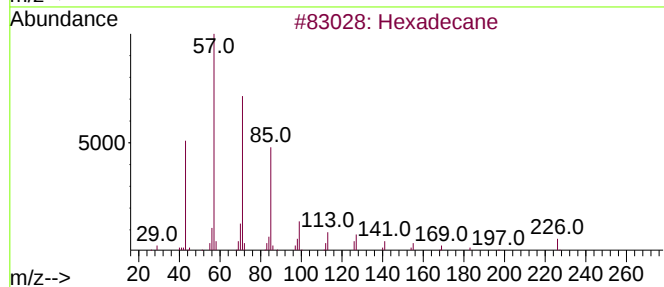
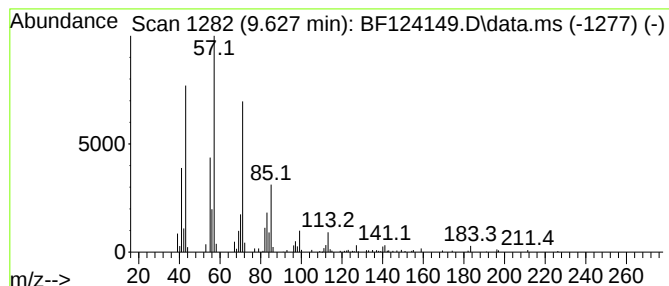
Instrument :
BNA_F
ClientSampleId :
COMP-4-6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF060321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 15 Heptadecane, 2,6-dimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD		R.T.	
9.627	24.26 ng	406219	Acenaphthene-d10		9.904	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Hexadecane		226	C16H34	000544-76-3	87
2	Heptadecane, 2,6-dimethyl-		268	C19H40	054105-67-8	86
3	Dodecane, 2-methyl-8-propyl-		226	C16H34	055045-07-3	86
4	Octane, 3,5-dimethyl-		142	C10H22	015869-93-9	83
5	Hexadecane, 2,6,10,14-tetramethyl-		282	C20H42	000638-36-8	80



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060421\
Data File : BF124149.D
Acq On : 4 Jun 2021 20:17
Operator : JU/CG
Sample : M2512-09 50X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
COMP-4-6

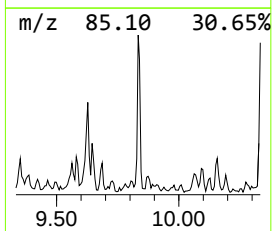
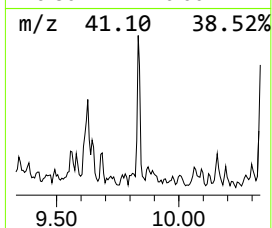
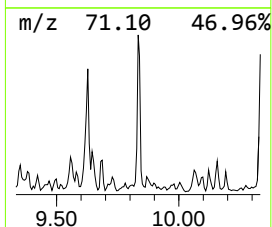
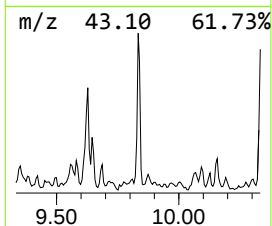
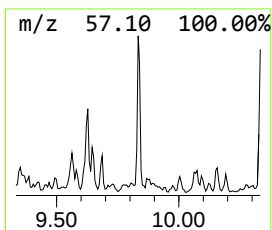
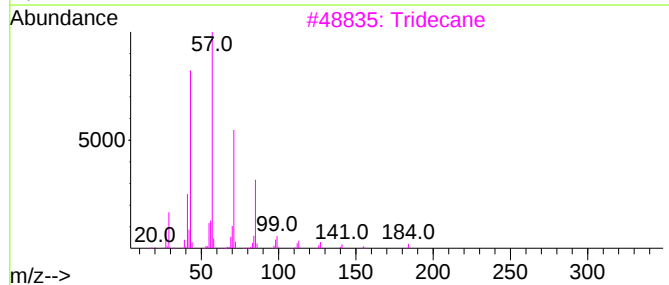
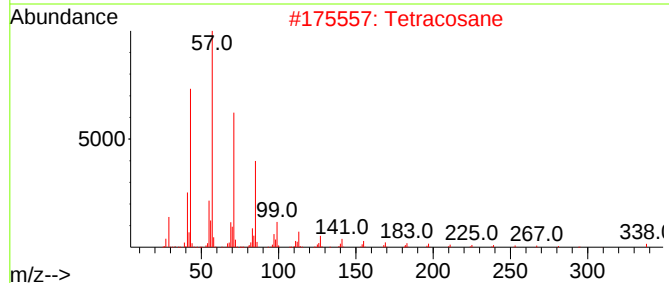
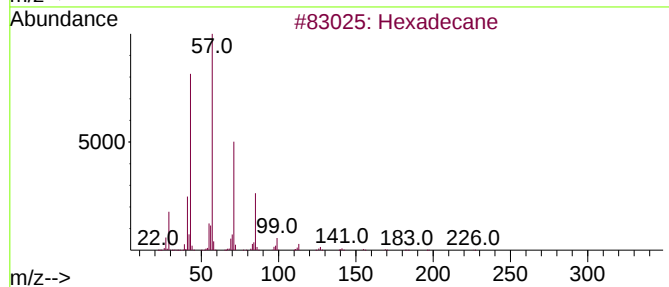
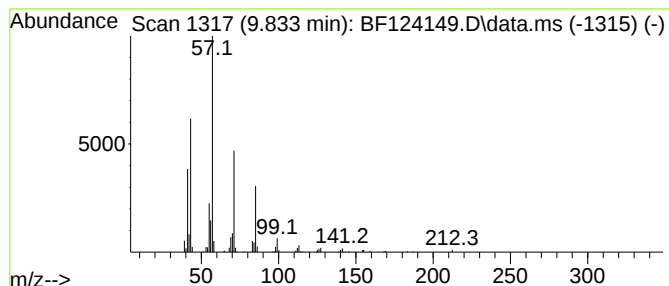
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF060321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 16 Tetracosane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.833	25.71 ng	430407	Acenaphthene-d10	9.904

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Hexadecane	226	C16H34	000544-76-3	86
2		Tetracosane	338	C24H50	000646-31-1	80
3		Tridecane	184	C13H28	000629-50-5	72
4		Decane, 2,9-dimethyl-	170	C12H26	001002-17-1	64
5		Sulfurous acid, 2-ethylhexyl hex...	278	C14H30O3S	1000309-20-2	64



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060421\
Data File : BF124149.D
Acq On : 4 Jun 2021 20:17
Operator : JU/CG
Sample : M2512-09 50X
Misc :
ALS Vial : 22 Sample Multiplier: 1

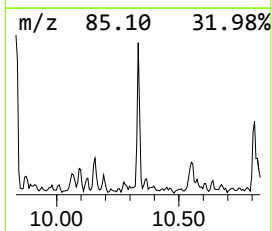
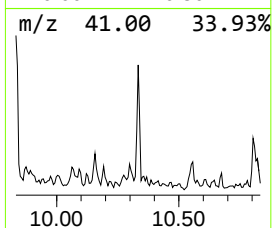
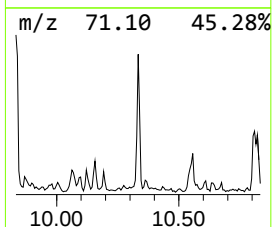
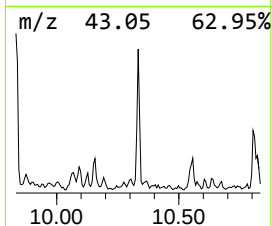
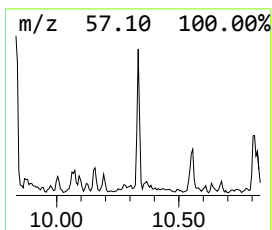
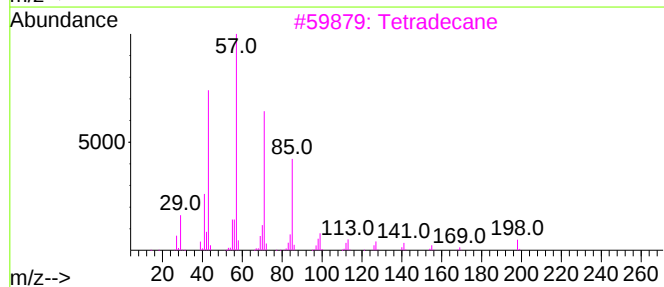
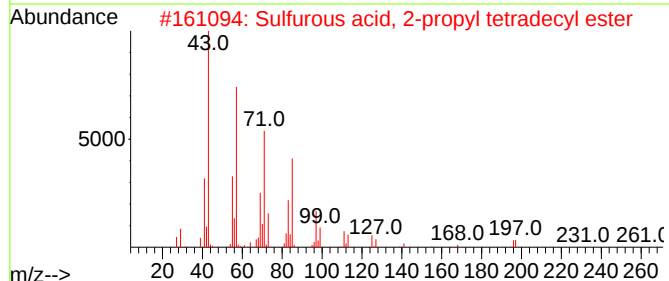
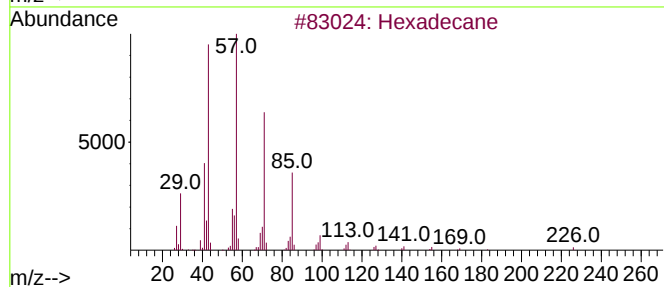
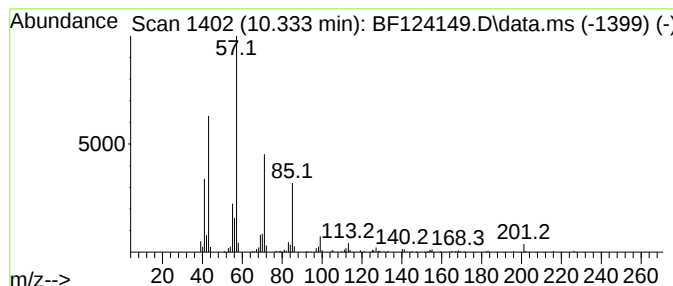
Instrument :
BNA_F
ClientSampleId :
COMP-4-6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF060321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 17 Sulfurous acid, 2-propyl te... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.	
10.333	22.50 ng	376686	Acenaphthene-d10	9.904	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	93
2	Sulfurous acid, 2-propyl tetrade...	320	C17H36O3S	1000309-12-5	72
3	Tetradecane	198	C14H30	000629-59-4	64
4	Sulfurous acid, 2-ethylhexyl hex...	278	C14H30O3S	1000309-20-2	64
5	Tetradecane, 6,9-dimethyl-	226	C16H34	055045-13-1	62



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060421\
Data File : BF124149.D
Acq On : 4 Jun 2021 20:17
Operator : JU/CG
Sample : M2512-09 50X
Misc :
ALS Vial : 22 Sample Multiplier: 1

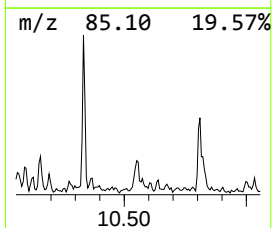
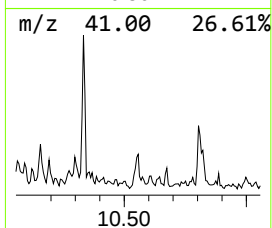
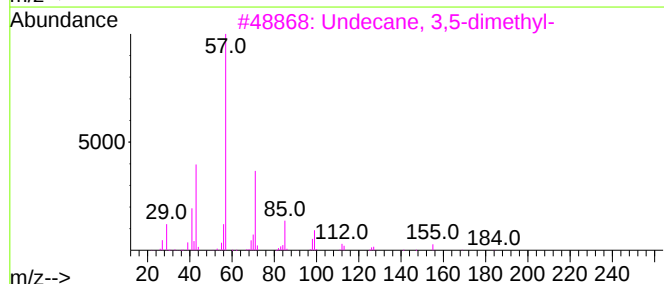
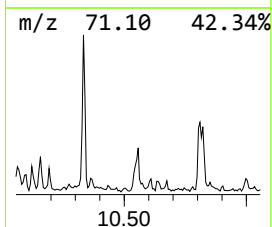
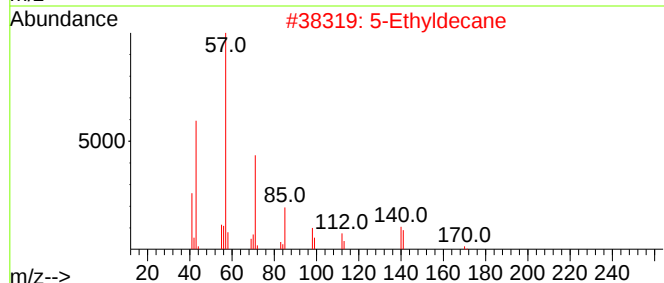
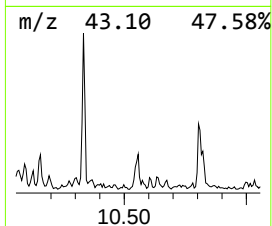
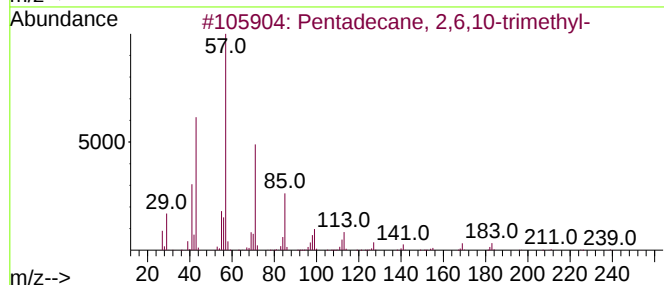
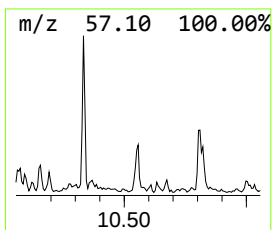
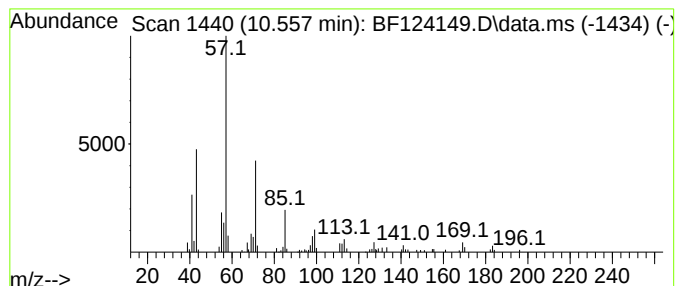
Instrument :
BNA_F
ClientSampleId :
COMP-4-6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF060321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 18 Pentadecane, 2,6,10-trimethyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.	
10.557	9.17 ng	153568	Acenaphthene-d10	9.904	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane, 2,6,10-trimethyl-	254	C18H38	003892-00-0	86
2	5-Ethyldecane	170	C12H26	017302-36-2	83
3	Undecane, 3,5-dimethyl-	184	C13H28	017312-81-1	80
4	Hentriacontane	437	C31H64	000630-04-6	80
5	Undecane, 2,5-dimethyl-	184	C13H28	017301-22-3	62



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060421\
Data File : BF124149.D
Acq On : 4 Jun 2021 20:17
Operator : JU/CG
Sample : M2512-09 50X
Misc :
ALS Vial : 22 Sample Multiplier: 1

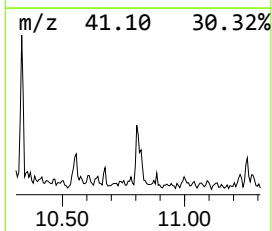
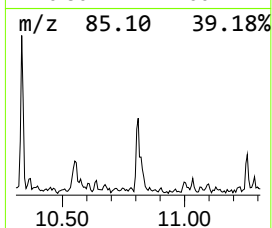
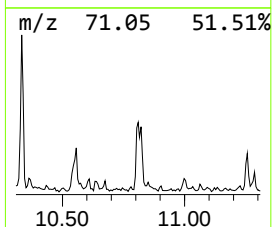
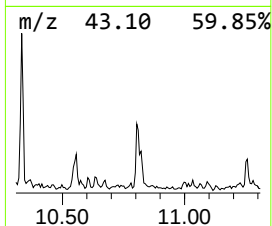
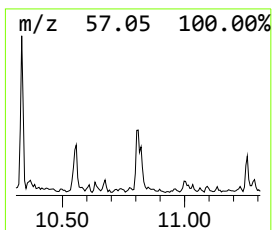
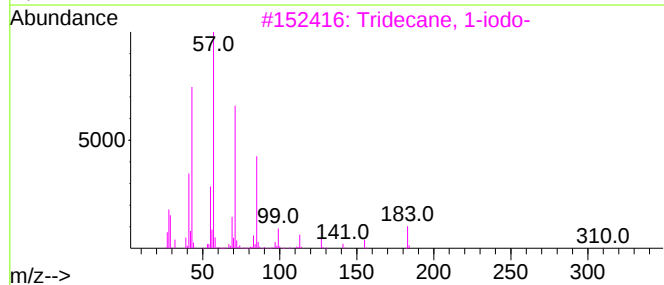
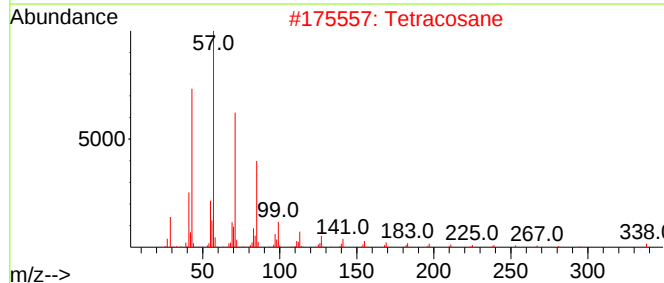
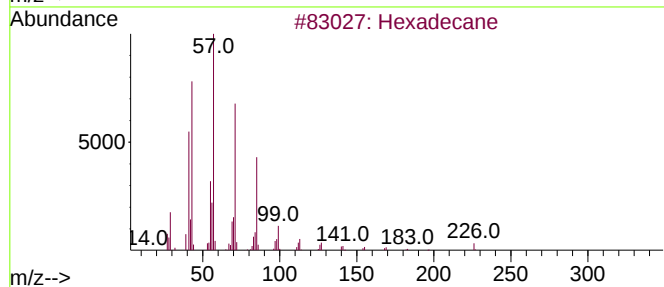
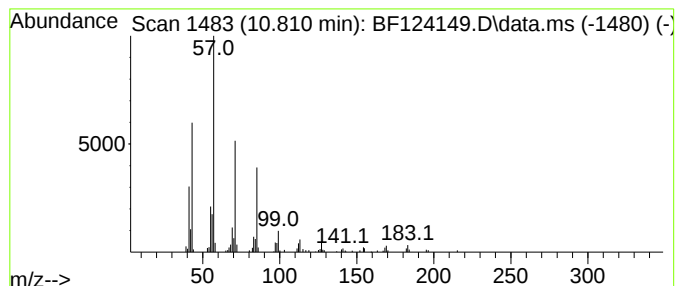
Instrument :
BNA_F
ClientSampleId :
COMP-4-6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF060321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 19 Tridecane, 1-iodo- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD		R.T.	
10.810	26.01 ng	305634	Phenanthrene-d10		11.392	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Hexadecane		226	C16H34	000544-76-3	91
2	Tetracosane		338	C24H50	000646-31-1	90
3	Tridecane, 1-iodo-		310	C13H27I	035599-77-0	87
4	Nonadecane		268	C19H40	000629-92-5	87
5	Tetradecane		198	C14H30	000629-59-4	86



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060421\
Data File : BF124149.D
Acq On : 4 Jun 2021 20:17
Operator : JU/CG
Sample : M2512-09 50X
Misc :
ALS Vial : 22 Sample Multiplier: 1

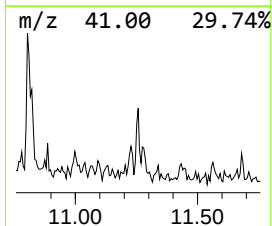
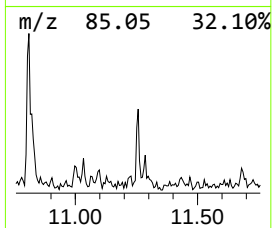
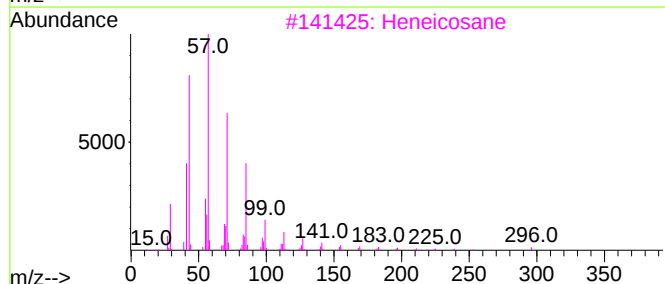
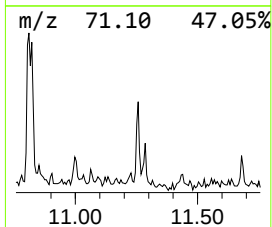
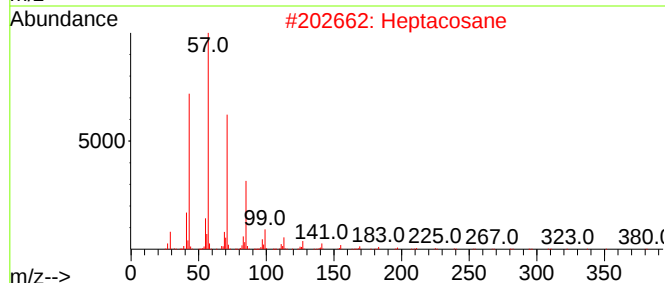
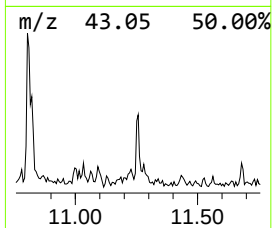
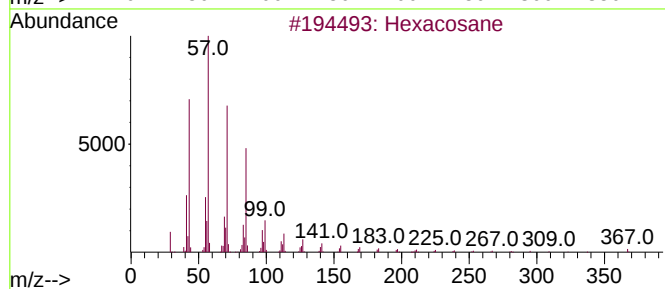
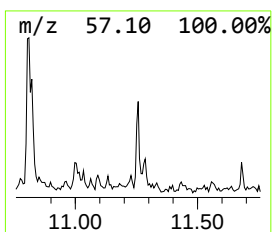
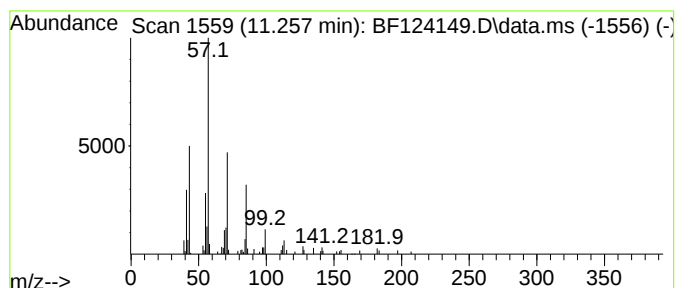
Instrument :
BNA_F
ClientSampleId :
COMP-4-6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF060321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 20 Hexacosane Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD		R.T.	
11.257	8.12 ng	95434	Phenanthrene-d10		11.392	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Hexacosane		366	C26H54	000630-01-3	86
2	Heptacosane		380	C27H56	000593-49-7	86
3	Heneicosane		296	C21H44	000629-94-7	83
4	Hexadecane		226	C16H34	000544-76-3	80
5	Tetratetracontane		619	C44H90	007098-22-8	80



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060421\
 Data File : BF124149.D
 Acq On : 4 Jun 2021 20:17
 Operator : JU/CG
 Sample : M2512-09 50X
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 COMP-4-6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF060321.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
 TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Undecane	7.463	10.9	ng	118442	1	6.869	218360	20.0
Undecane, 2,6-d...	8.210	11.4	ng	143314	2	8.151	250232	20.0
unknown8.445	8.445	14.4	ng	179895	2	8.151	250232	20.0
1-Iodo-2-methyl...	8.528	10.8	ng	135678	2	8.151	250232	20.0
Nonane, 3-methyl-	8.569	23.8	ng	298158	2	8.151	250232	20.0
Hexadecane	8.739	51.0	ng	637604	2	8.151	250232	20.0
Tridecane, 3-me...	8.839	10.3	ng	128975	2	8.151	250232	20.0
Tridecane, 6-me...	9.022	11.4	ng	143064	2	8.151	250232	20.0
Hexadecane, 7-m...	9.069	8.1	ng	134771	3	9.904	334827	20.0
1-Iodoundecane	9.104	10.9	ng	182093	3	9.904	334827	20.0
Undecane, 3,9-d...	9.145	8.9	ng	149552	3	9.904	334827	20.0
Dodecane, 2,6,1...	9.169	14.7	ng	246761	3	9.904	334827	20.0
Tetradecane	9.310	52.5	ng	879247	3	9.904	334827	20.0
unknown9.563	9.563	11.8	ng	198071	3	9.904	334827	20.0
Heptadecane, 2,...	9.627	24.3	ng	406219	3	9.904	334827	20.0
Tetracosane	9.833	25.7	ng	430407	3	9.904	334827	20.0
Sulfurous acid,...	10.333	22.5	ng	376686	3	9.904	334827	20.0
Pentadecane, 2,...	10.557	9.2	ng	153568	3	9.904	334827	20.0
Tridecane, 1-iodo-	10.810	26.0	ng	305634	4	11.392	235001	20.0
Hexacosane	11.257	8.1	ng	95434	4	11.392	235001	20.0