

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060421\
 Data File : BF124146.D
 Acq On : 4 Jun 2021 18:39
 Operator : JU/CG
 Sample : M2584-01 5X
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EO-02-060221

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: BF124146.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.486	574	578	582	rBV	186812	157581	18.31%	1.004%
2	6.498	747	750	755	rVB	179323	155122	18.02%	0.988%
3	6.704	781	785	787	rBV2	117136	106852	12.41%	0.681%
4	6.869	808	813	819	rVB2	262818	305241	35.46%	1.944%
5	7.010	835	837	842	rVB3	69372	66762	7.76%	0.425%
6	7.139	856	859	862	rVB	101317	94594	10.99%	0.603%
7	7.169	862	864	866	rBV	55002	63141	7.34%	0.402%
8	7.204	868	870	874	rVB	76393	62513	7.26%	0.398%
9	7.251	874	878	882	rBV3	86238	115940	13.47%	0.738%
10	7.398	899	903	905	rVV4	88075	115785	13.45%	0.738%
11	7.422	905	907	909	rVV	146280	122544	14.24%	0.781%
12	7.463	911	914	918	rVB	560172	422158	49.05%	2.689%
13	7.516	918	923	925	rBV5	99851	143806	16.71%	0.916%
14	7.551	925	929	930	rBV2	50840	55300	6.42%	0.352%
15	7.575	930	933	936	rVV4	70476	91255	10.60%	0.581%
16	7.645	942	945	947	rVV	88310	101034	11.74%	0.644%
17	7.669	947	949	952	rVV3	77325	90966	10.57%	0.579%
18	7.751	959	963	964	rVV2	59931	55037	6.39%	0.351%
19	7.769	964	966	968	rVV	101610	93574	10.87%	0.596%
20	7.792	968	970	974	rVV3	88762	120835	14.04%	0.770%
21	7.833	974	977	979	rVV2	109189	120319	13.98%	0.766%
22	7.863	979	982	984	rVV2	129814	116088	13.49%	0.739%
23	7.898	984	988	993	rVV4	165170	275199	31.97%	1.753%
24	7.945	993	996	998	rVV2	104690	112838	13.11%	0.719%
25	7.969	998	1000	1002	rVV2	89968	85909	9.98%	0.547%
26	8.022	1006	1009	1012	rVV2	59877	81140	9.43%	0.517%
27	8.051	1012	1014	1016	rVV3	90868	79441	9.23%	0.506%
28	8.098	1018	1022	1025	rVV4	83340	159782	18.56%	1.018%
29	8.133	1025	1028	1030	rVV	923795	860745	100.00%	5.483%
30	8.151	1030	1031	1034	rVV	346929	220401	25.61%	1.404%
31	8.210	1037	1041	1043	rVV	328673	327411	38.04%	2.085%
32	8.239	1043	1046	1049	rVV3	108322	129151	15.00%	0.823%
33	8.304	1053	1057	1059	rVV3	64536	78873	9.16%	0.502%
34	8.345	1062	1064	1068	rVV3	100216	138951	16.14%	0.885%
35	8.392	1070	1072	1076	rVV5	56004	97731	11.35%	0.623%
36	8.439	1076	1080	1087	rVV4	211051	385689	44.81%	2.457%

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Smoother: ON

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Max Peaks: 100

Stop Thrs : 0

Peak Location: TOP

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

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

37	8.492	1087	1089	1092	rVV3	145692	149580	17.38%	0.953%
38	8.527	1092	1095	1098	rVV3	191079	216210	25.12%	1.377%
39	8.569	1099	1102	1104	rVV	400543	357301	41.51%	2.276%
40	8.592	1104	1106	1108	rVV2	124118	119863	13.93%	0.763%
41	8.616	1108	1110	1112	rVV2	88972	81937	9.52%	0.522%
42	8.651	1113	1116	1119	rVV2	156938	165206	19.19%	1.052%
43	8.692	1119	1123	1125	rVV5	85506	121239	14.09%	0.772%
44	8.716	1125	1127	1128	rVV2	64483	59147	6.87%	0.377%
45	8.739	1128	1131	1134	rVV	976092	843982	98.05%	5.376%
46	8.780	1135	1138	1139	rVV3	89462	115456	13.41%	0.735%
47	8.810	1141	1143	1145	rVV	148716	157191	18.26%	1.001%
48	8.839	1145	1148	1150	rVV2	159682	181208	21.05%	1.154%
49	8.863	1150	1152	1154	rVV3	52920	50052	5.81%	0.319%
50	8.898	1156	1158	1160	rVV3	70467	62446	7.25%	0.398%
51	8.933	1160	1164	1166	rVV5	62213	113865	13.23%	0.725%
52	8.975	1168	1171	1173	rVV2	166827	182020	21.15%	1.159%
53	9.004	1173	1176	1177	rVV3	66181	90993	10.57%	0.580%
54	9.022	1177	1179	1181	rVV	138796	145623	16.92%	0.928%
55	9.057	1183	1185	1186	rVV2	114435	112152	13.03%	0.714%
56	9.104	1189	1193	1197	rVV3	172006	253141	29.41%	1.612%
57	9.145	1197	1200	1202	rVV	150105	140626	16.34%	0.896%
58	9.169	1202	1204	1210	rVV	356886	356598	41.43%	2.271%
59	9.222	1210	1213	1215	rVV	236618	188416	21.89%	1.200%
60	9.263	1218	1220	1222	rVV2	50607	43614	5.07%	0.278%
61	9.304	1224	1227	1232	rVV	864441	812174	94.36%	5.173%
62	9.345	1232	1234	1237	rVV3	87252	122207	14.20%	0.778%
63	9.374	1237	1239	1242	rVV2	118009	134395	15.61%	0.856%
64	9.422	1245	1247	1250	rVB3	52362	48825	5.67%	0.311%
65	9.539	1264	1267	1268	rBV2	48800	43752	5.08%	0.279%
66	9.563	1268	1271	1273	rVV2	100065	111748	12.98%	0.712%
67	9.580	1273	1274	1277	rVV3	105710	81452	9.46%	0.519%
68	9.627	1277	1282	1284	rVV2	276190	321152	37.31%	2.046%
69	9.645	1284	1285	1289	rVV2	131199	105038	12.20%	0.669%
70	9.686	1289	1292	1294	rVB3	107968	98573	11.45%	0.628%
71	9.833	1314	1317	1320	rVV	633566	487955	56.69%	3.108%
72	9.880	1322	1325	1326	rVV3	56135	65931	7.66%	0.420%
73	9.904	1326	1329	1333	rVB	348279	289162	33.59%	1.842%
74	10.010	1344	1347	1350	rVB5	41067	42392	4.93%	0.270%
75	10.069	1353	1357	1359	rVV4	52062	80697	9.38%	0.514%
76	10.092	1359	1361	1365	rVV4	59385	87782	10.20%	0.559%

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77	10.157	1368	1372	1376	rVV3	95638	127717	14.84%	0.814%
78	10.221	1380	1383	1386	rBV5	38897	58609	6.81%	0.373%
79	10.333	1399	1402	1405	rVV	371504	264166	30.69%	1.683%
80	10.392	1409	1412	1417	rVB7	31797	56215	6.53%	0.358%
81	10.551	1434	1439	1445	rVV	87167	122980	14.29%	0.783%
82	10.692	1461	1463	1466	rVB	98049	82552	9.59%	0.526%
83	10.804	1479	1482	1492	rVB	169388	206607	24.00%	1.316%
84	11.251	1556	1558	1561	rBV	73156	61590	7.16%	0.392%
85	11.286	1561	1564	1570	rVB2	35674	43913	5.10%	0.280%
86	11.392	1579	1582	1585	rBV	315064	248389	28.86%	1.582%
87	12.480	1763	1767	1772	rBV4	55497	77133	8.96%	0.491%
88	12.851	1827	1830	1834	rVV	68143	61253	7.12%	0.390%
89	12.974	1845	1851	1857	rBV	205141	203129	23.60%	1.294%
90	13.204	1885	1890	1893	rBV	57428	65144	7.57%	0.415%
91	13.551	1946	1949	1952	rBV	51156	49950	5.80%	0.318%
92	13.880	2002	2005	2009	rVB	67880	59651	6.93%	0.380%
93	14.033	2028	2031	2035	rVV	260662	235809	27.40%	1.502%
94	14.198	2056	2059	2067	rVB	64210	82188	9.55%	0.524%
95	14.498	2108	2110	2115	rVB	77232	65486	7.61%	0.417%
96	14.962	2186	2189	2191	rVB3	55476	56565	6.57%	0.360%
97	15.156	2219	2222	2225	rVB	107306	111635	12.97%	0.711%
98	15.515	2280	2283	2286	rBV	122098	153410	17.82%	0.977%
99	15.945	2353	2356	2360	rBV5	63484	89177	10.36%	0.568%
100	15.986	2360	2363	2368	rVB2	47568	65383	7.60%	0.416%

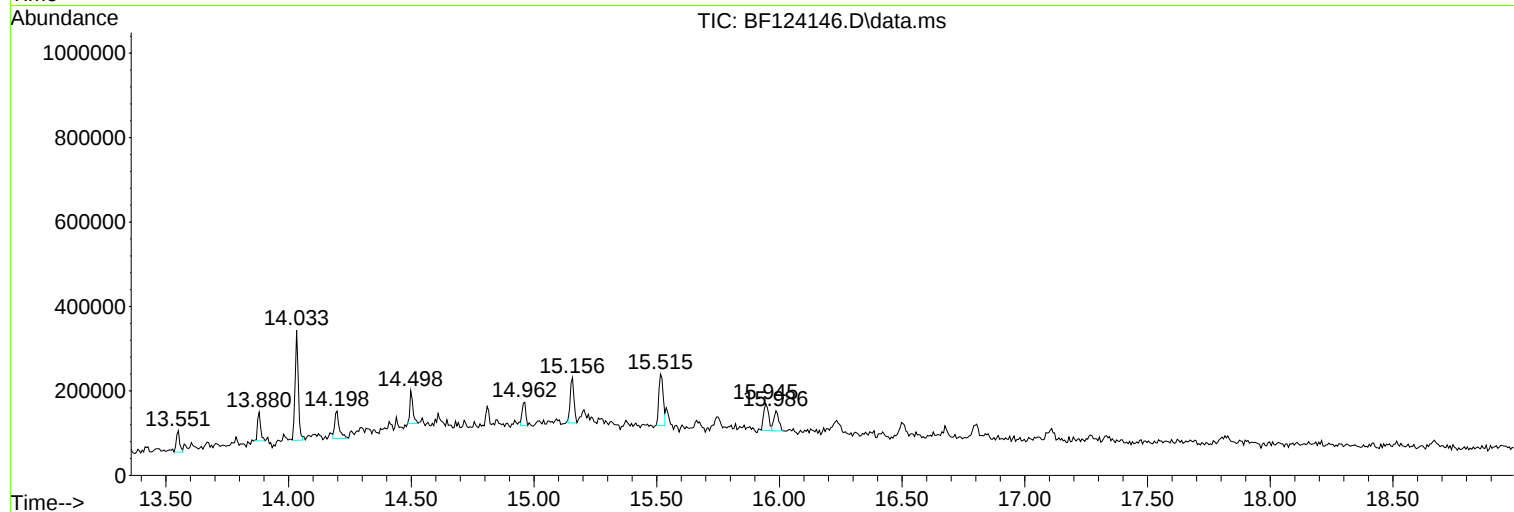
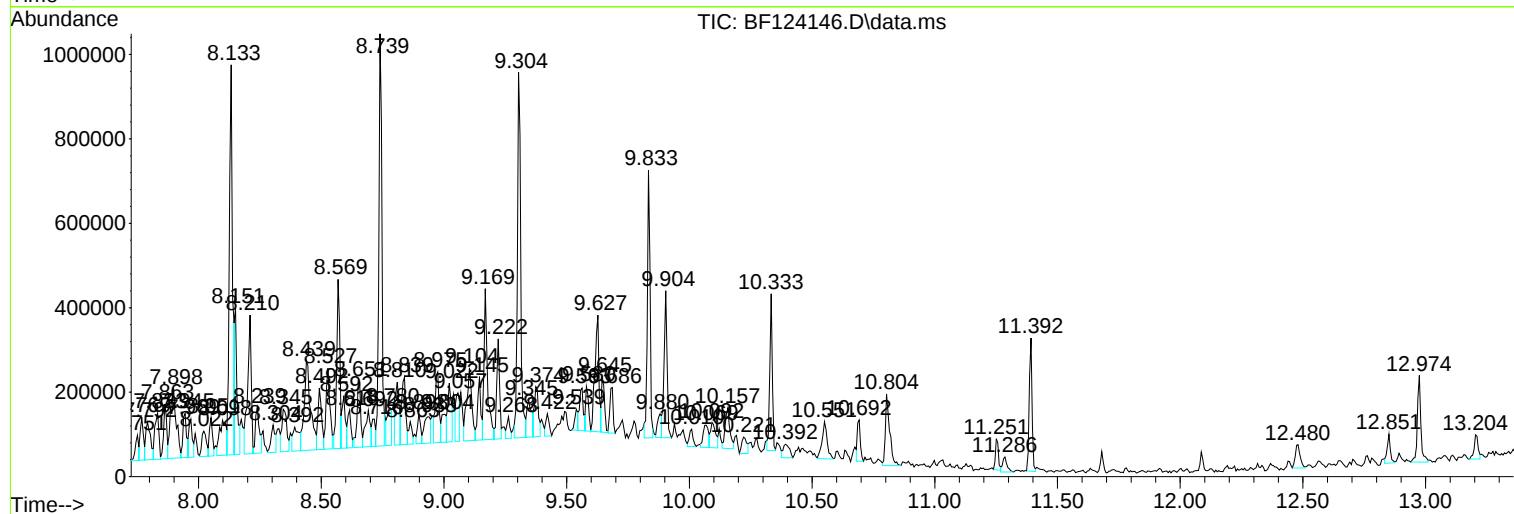
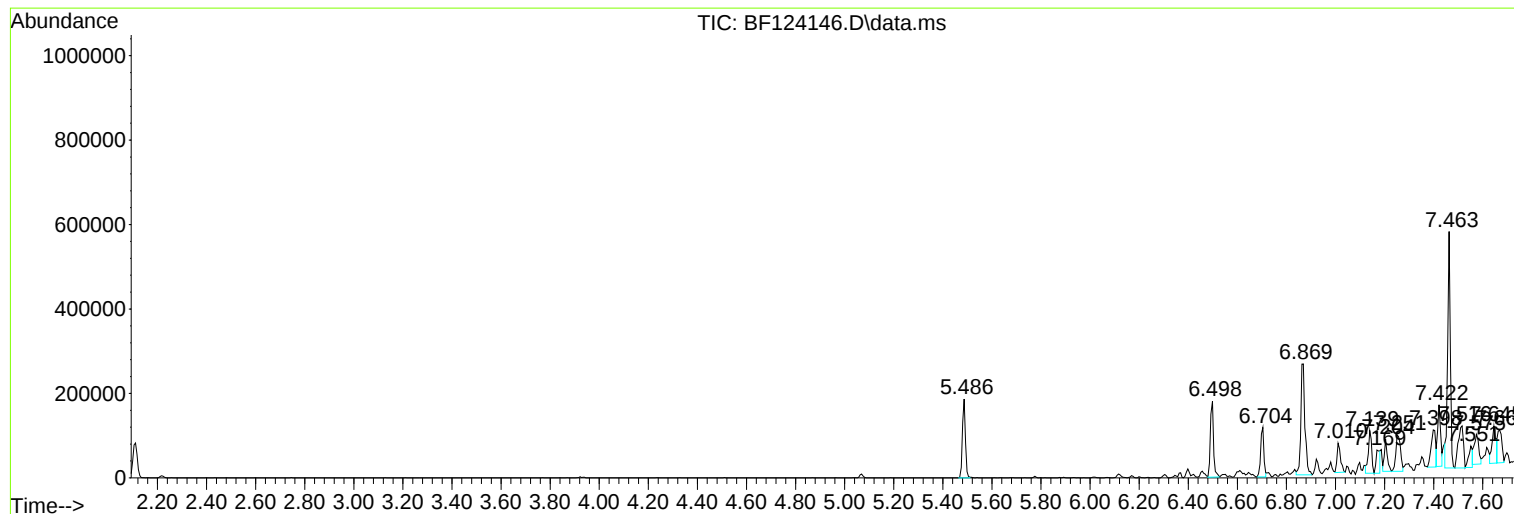
Sum of corrected areas: 15699460

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Instrument :
BNA_F
ClientSampled :
EO-02-060221

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



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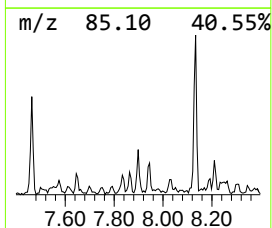
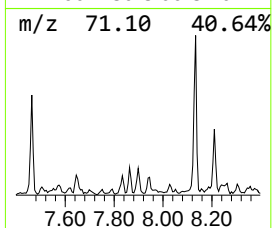
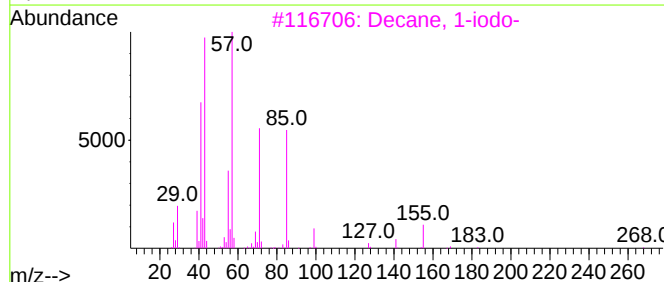
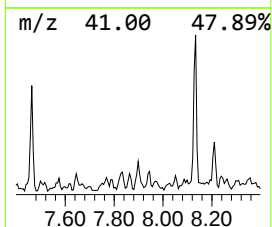
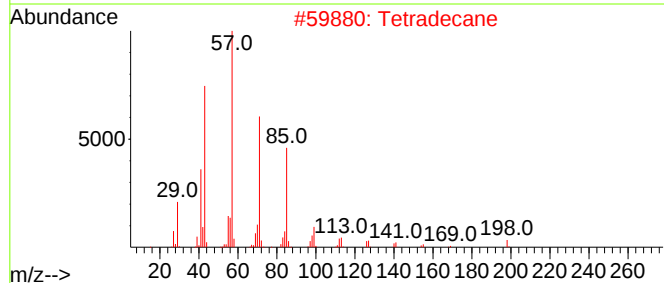
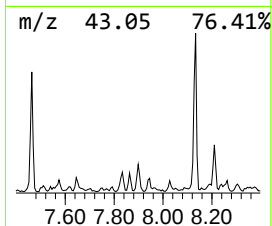
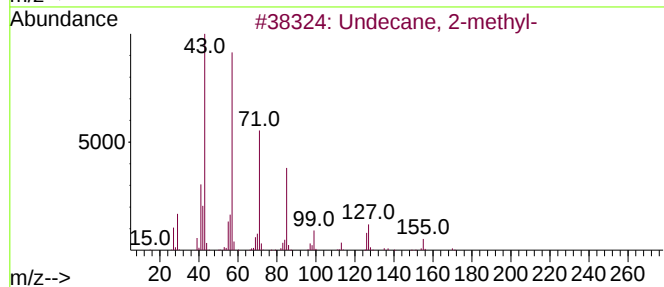
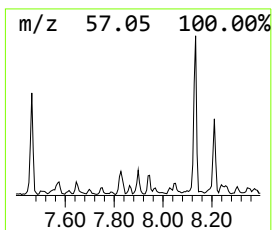
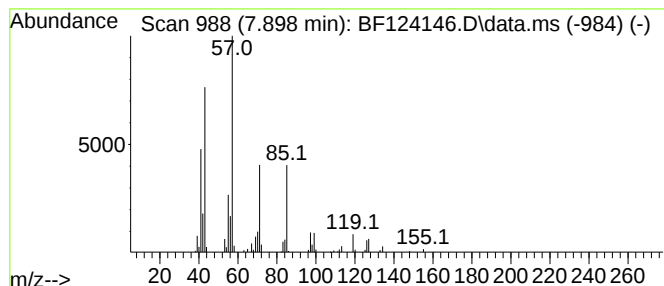
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF060321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 Undecane, 2-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.898	24.97 ng	275199	Naphthalene-d8	8.151

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Undecane, 2-methyl-	170	C12H26	007045-71-8	72
2		Tetradecane	198	C14H30	000629-59-4	72
3		Decane, 1-iodo-	268	C10H21I	002050-77-3	59
4		Pentadecane	212	C15H32	000629-62-9	53
5		Decane, 2,3,6-trimethyl-	184	C13H28	062238-12-4	53



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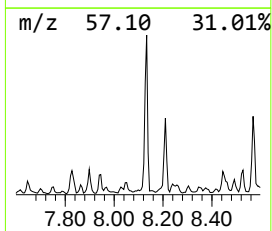
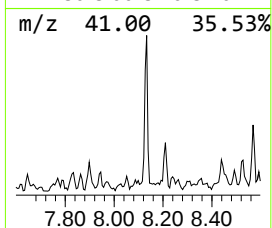
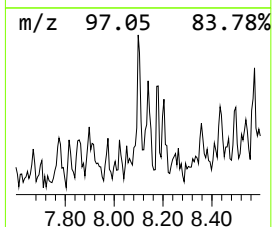
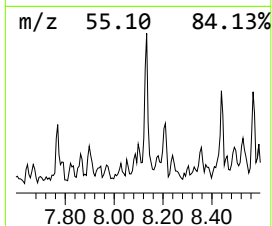
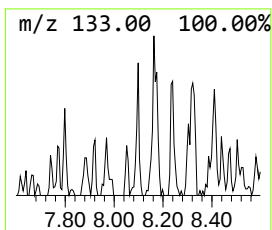
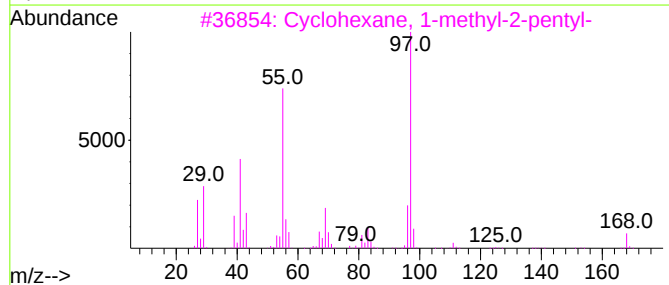
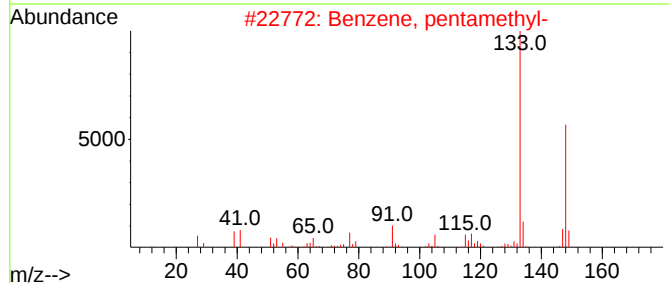
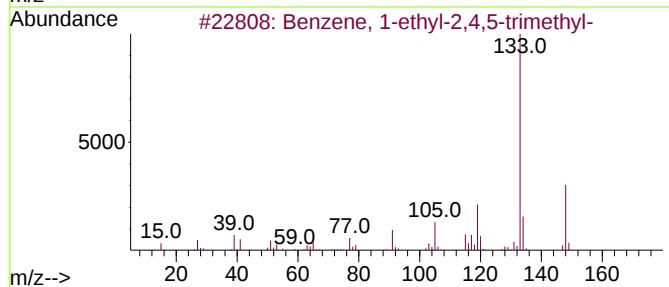
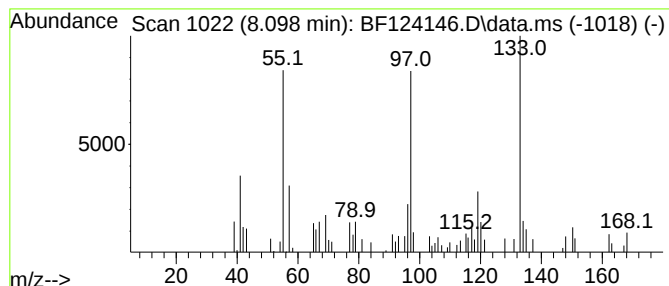
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF060321.M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 Benzene, 1-ethyl-2,4,5-trimethyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.098	14.50 ng	159782	Naphthalene-d8	8.151

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1-ethyl-2,4,5-trimethyl-	148	C11H16	017851-27-3	50
2			Benzene, pentamethyl-	148	C11H16	000700-12-9	38
3			Cyclohexane, 1-methyl-2-pentyl-	168	C12H24	054411-01-7	38
4			3,4-Dimethylcumene	148	C11H16	1000370-34-1	27
5			4-Ethylbenzoic acid, cyclohexyl ...	232	C15H20O2	1000293-32-1	27



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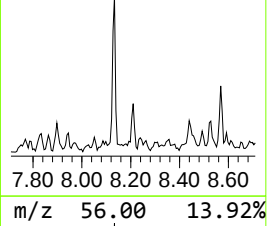
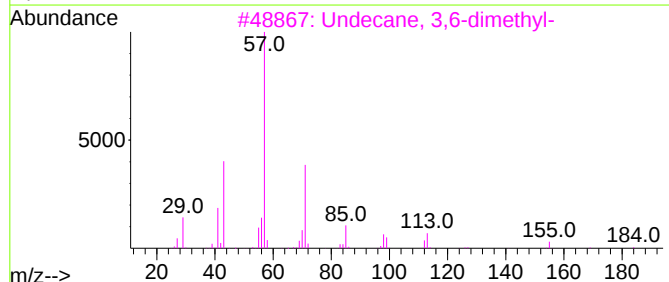
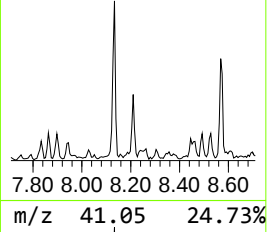
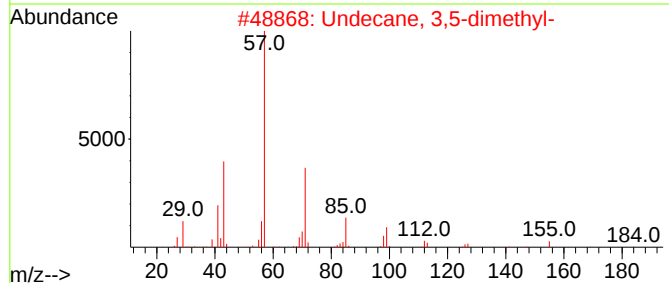
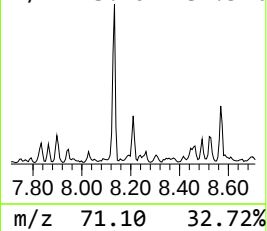
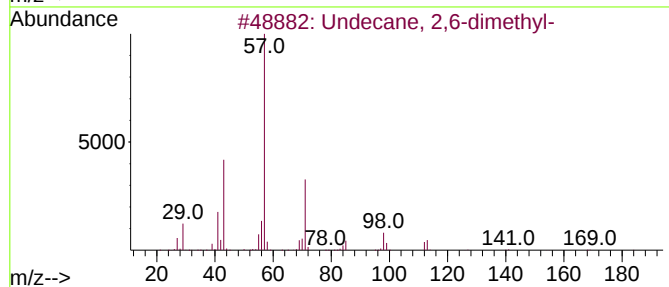
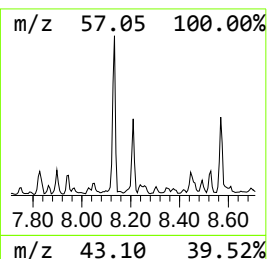
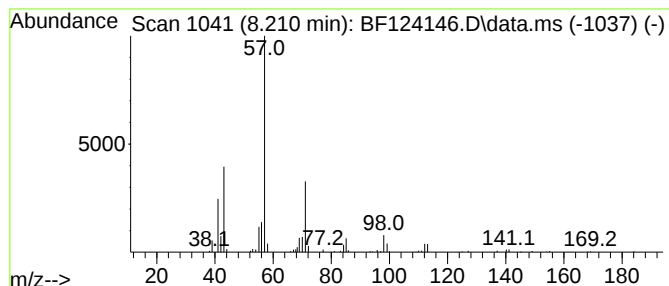
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF060321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 3 Undecane, 2,6-dimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.210	29.71 ng	327411	Naphthalene-d8	8.151

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	90
2			Undecane, 3,5-dimethyl-	184	C13H28	017312-81-1	80
3			Undecane, 3,6-dimethyl-	184	C13H28	017301-28-9	80
4			Dodecane, 6-methyl-	184	C13H28	006044-71-9	80
5			Decane, 2,6,8-trimethyl-	184	C13H28	062108-26-3	74



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060421\
Data File : BF124146.D
Acq On : 4 Jun 2021 18:39
Operator : JU/CG
Sample : M2584-01 5X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
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ClientSampleId :
EO-02-060221

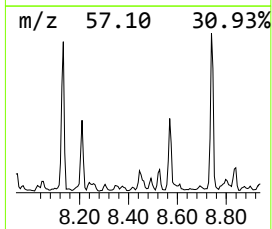
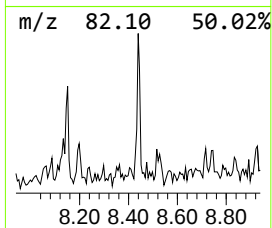
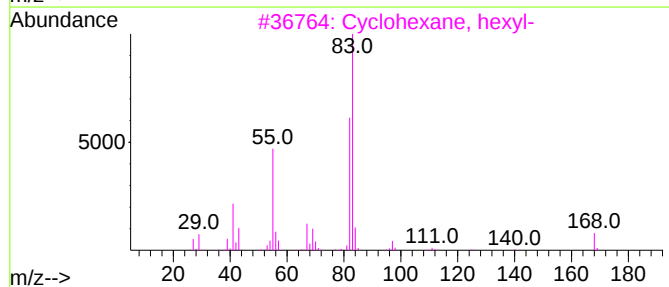
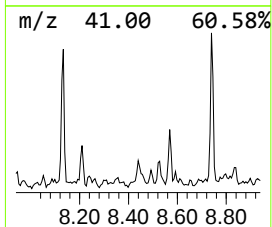
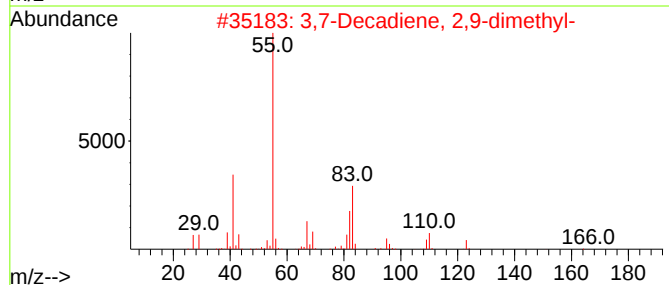
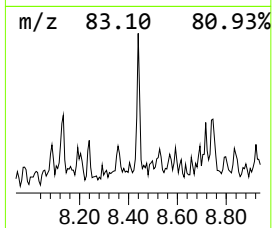
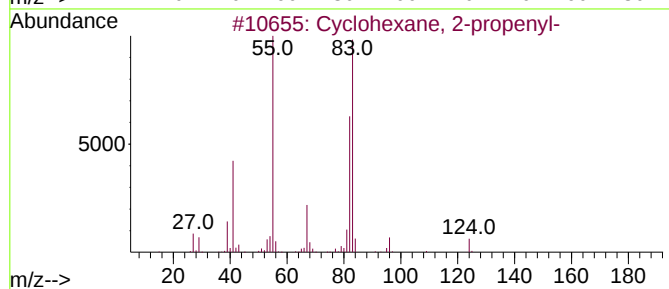
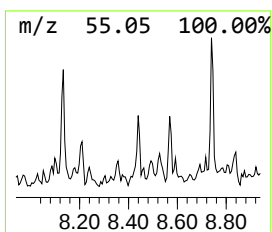
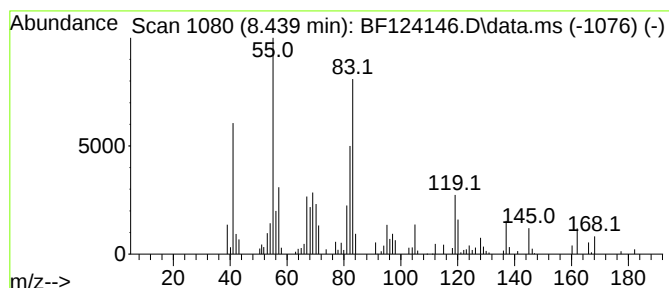
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 Cyclohexane, 2-propenyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.439	35.00 ng	385689	Naphthalene-d8	8.151

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, 2-propenyl-	124	C9H16	002114-42-3	53
2			3,7-Decadiene, 2,9-dimethyl-	166	C12H22	074630-13-0	52
3			Cyclohexane, hexyl-	168	C12H24	004292-75-5	47
4			Cyclohexane, (4-methylpentyl)-	168	C12H24	061142-20-9	47
5			Cyclohexane, ethyl-	112	C8H16	001678-91-7	47



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060421\
Data File : BF124146.D
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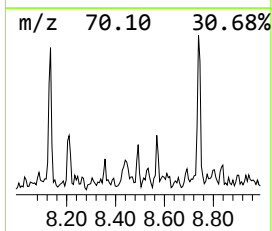
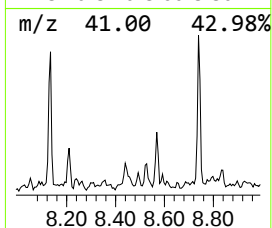
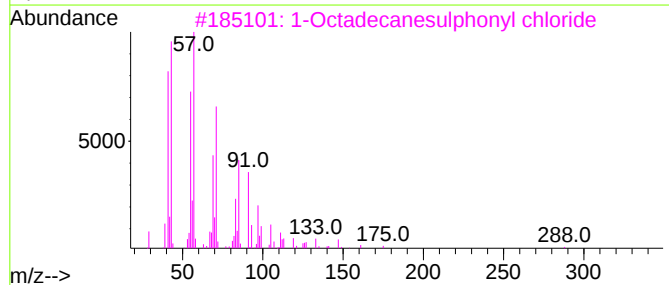
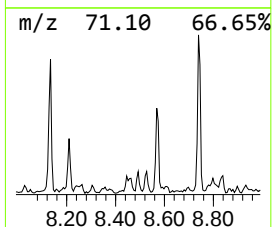
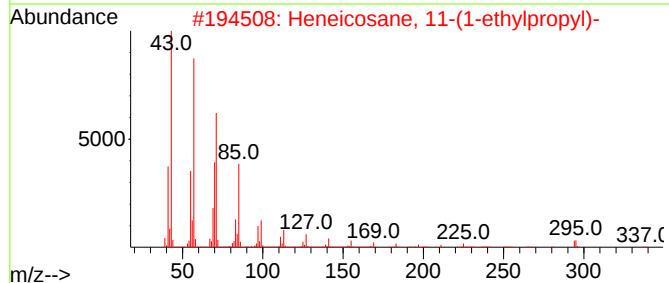
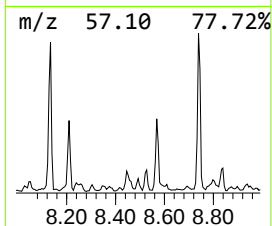
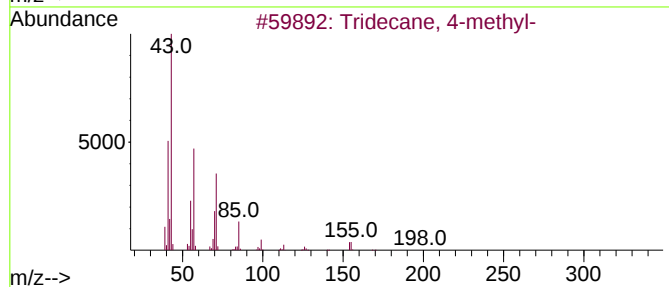
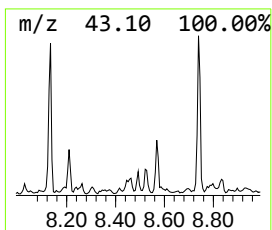
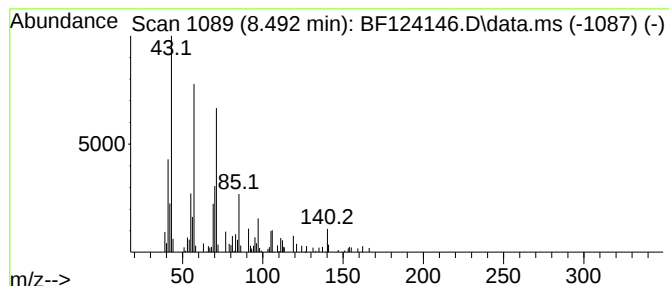
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Tridecane, 4-methyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.492	13.57 ng	149580	Naphthalene-d8	8.151

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tridecane, 4-methyl-	198	C14H30	026730-12-1	53
2			Heneicosane, 11-(1-ethylpropyl)-	366	C26H54	055282-11-6	50
3			1-Octadecanesulphonyl chloride	352	C18H37ClO2S	1000342-70-4	49
4			2-methyloctacosane	408	C29H60	1000376-72-8	47
5			Decane, 4-methyl-	156	C11H24	002847-72-5	47



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060421\
Data File : BF124146.D
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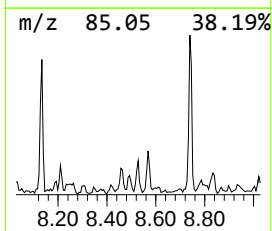
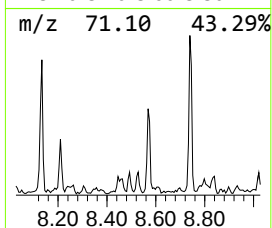
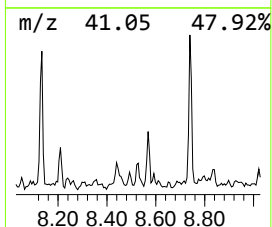
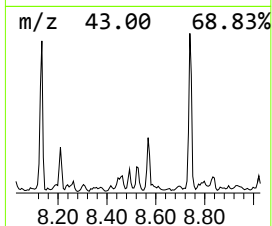
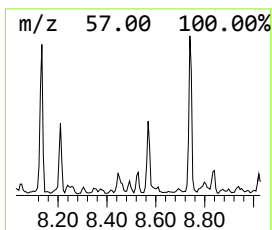
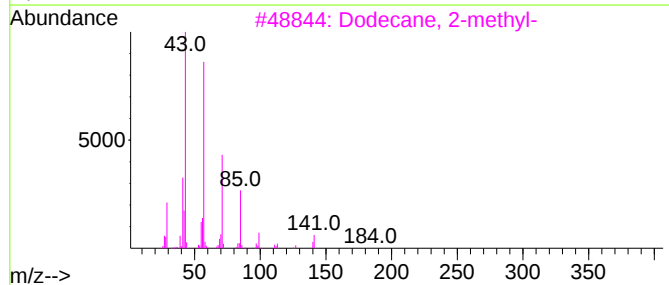
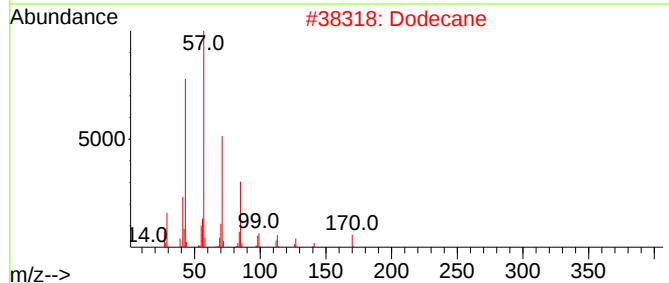
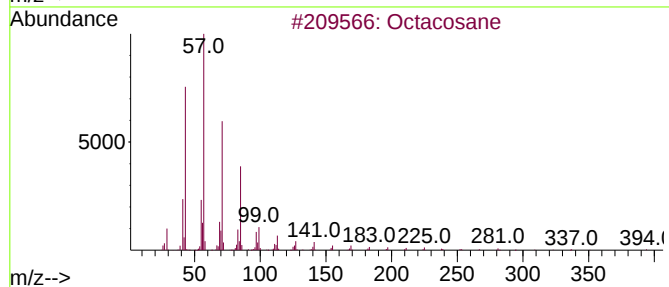
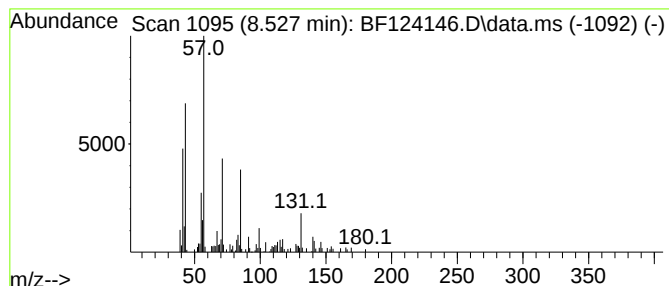
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Octacosane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.527	19.62 ng	216210	Naphthalene-d8	8.151

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Octacosane	394	C28H58	000630-02-4	64
2		Dodecane	170	C12H26	000112-40-3	64
3		Dodecane, 2-methyl-	184	C13H28	001560-97-0	64
4		Undecane, 3-methyl-	170	C12H26	001002-43-3	64
5		Tridecane, 2-methyl-	198	C14H30	001560-96-9	59



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060421\
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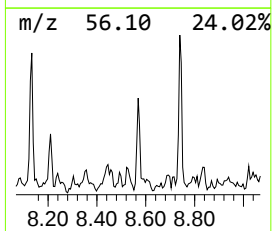
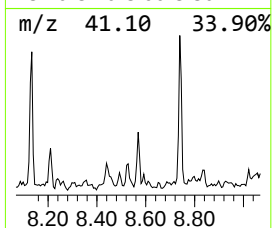
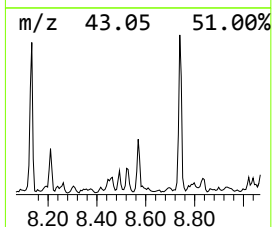
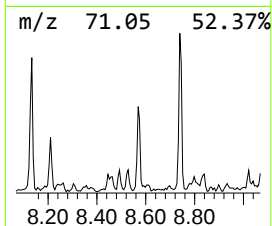
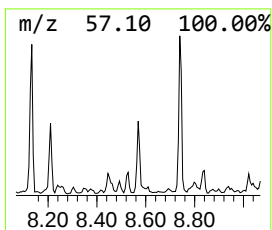
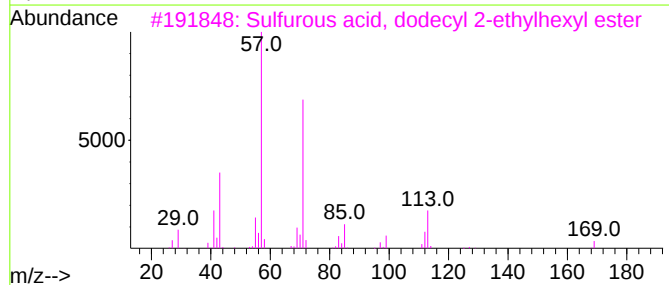
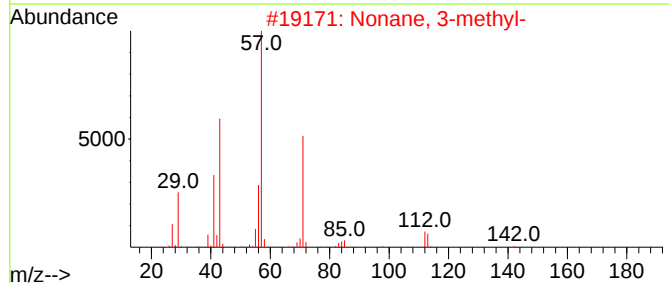
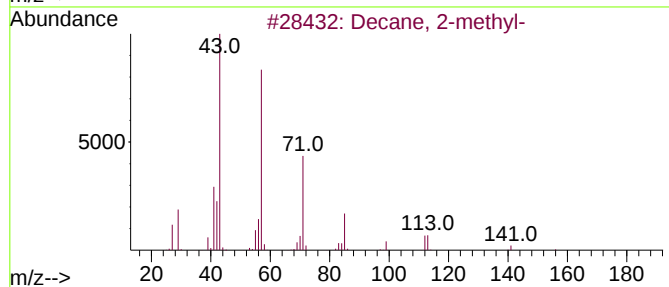
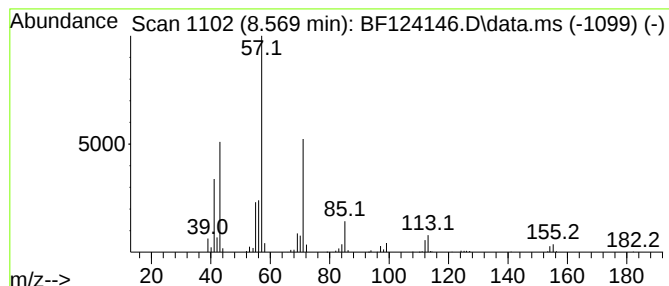
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Decane, 2-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.	
8.569	32.42 ng	357301	Naphthalene-d8	8.151	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane, 2-methyl-	156	C11H24	006975-98-0	83
2	Nonane, 3-methyl-	142	C10H22	005911-04-6	80
3	Sulfurous acid, dodecyl 2-ethylh...	362	C20H42O3S	1000309-19-5	72
4	Sulfurous acid, 2-ethylhexyl und...	348	C19H40O3S	1000309-19-4	64
5	Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	64



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060421\
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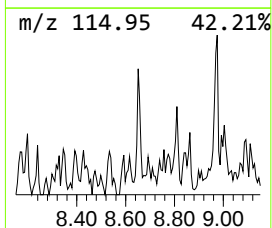
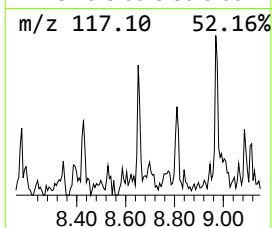
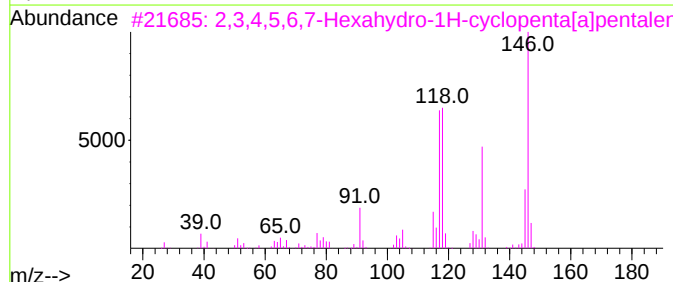
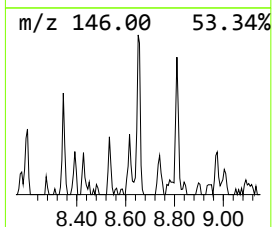
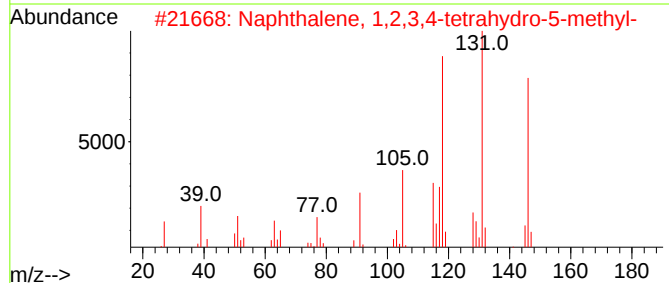
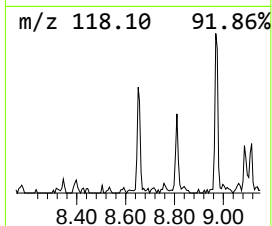
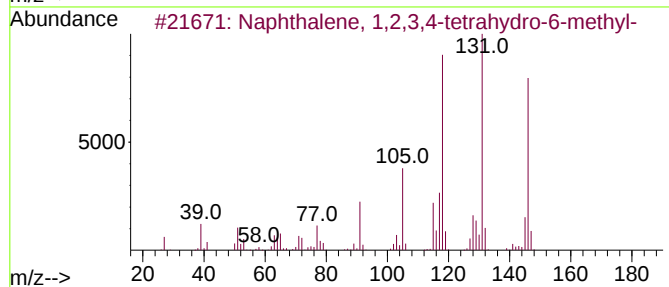
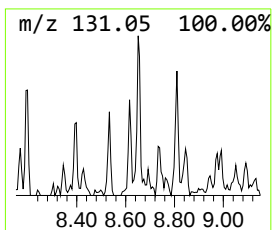
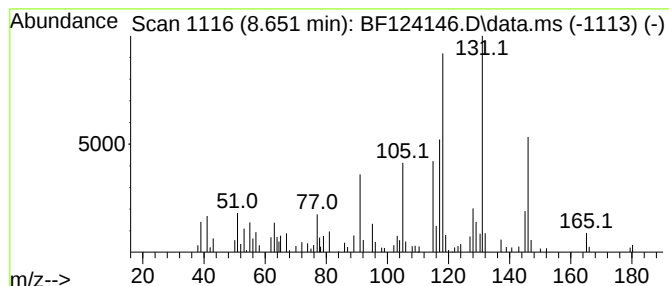
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Naphthalene, 1,2,3,4-tetrahydro-... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.651	14.99 ng	165206	Naphthalene-d8	8.151

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001680-51-9	95
2			Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	002809-64-5	95
3			2,3,4,5,6,7-Hexahydro-1H-cyclope...	146	C11H14	1000189-31-0	93
4			1H-1,3,2-Benzodiazaborole, 2-eth...	146	C8H11BN2	074663-81-3	62
5			1H-Inden-1-one, 2,3-dihydro-2-me...	146	C10H10O	017496-14-9	55



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060421\
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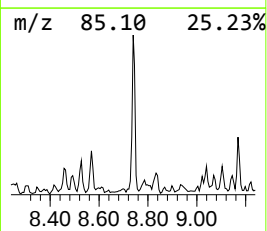
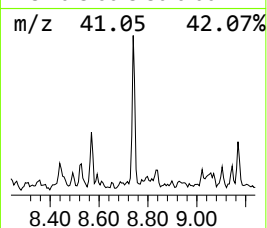
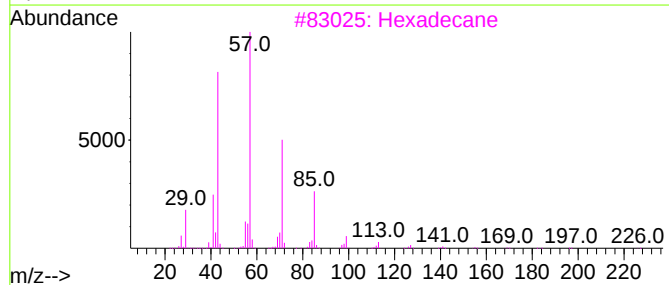
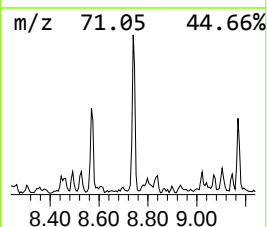
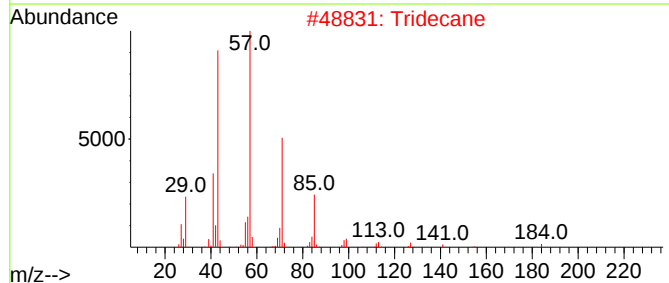
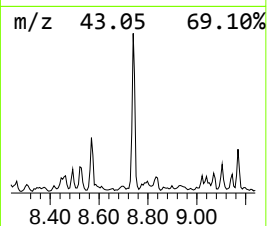
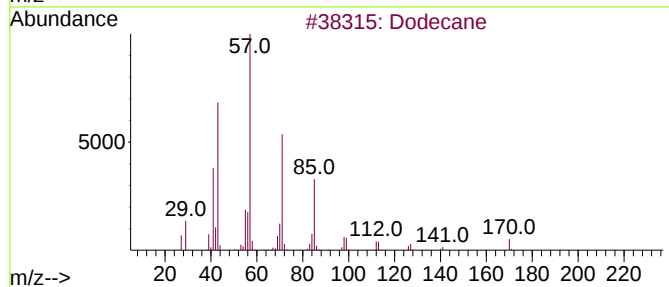
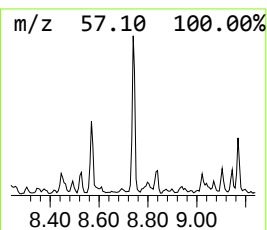
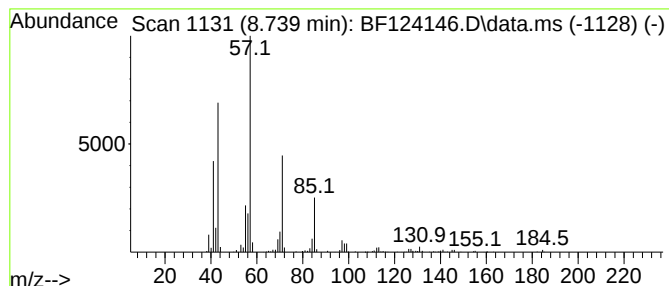
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Dodecane Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.739	76.59 ng	843982	Naphthalene-d8	8.151

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Dodecane	170	C12H26	000112-40-3	86
2			Tridecane	184	C13H28	000629-50-5	81
3			Hexadecane	226	C16H34	000544-76-3	80
4			Tetradecane	198	C14H30	000629-59-4	78
5			Pentadecane	212	C15H32	000629-62-9	78



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060421\
Data File : BF124146.D
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ALS Vial : 19 Sample Multiplier: 1

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ClientSampleId :
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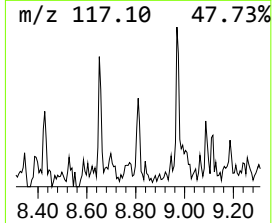
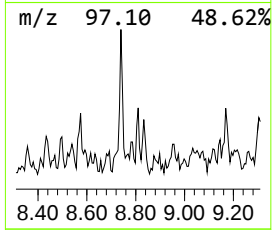
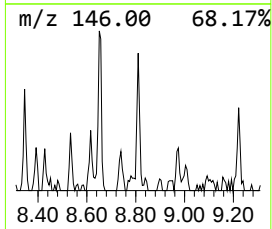
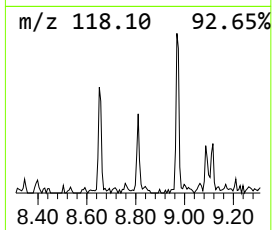
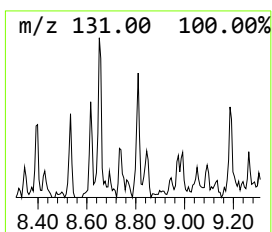
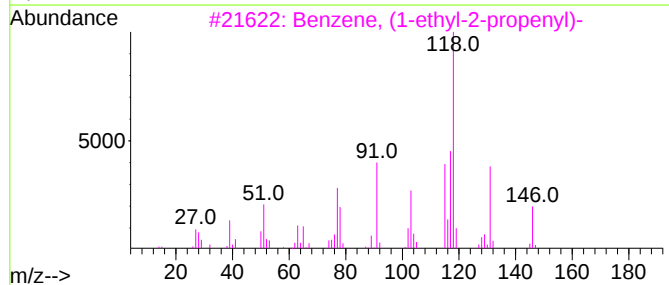
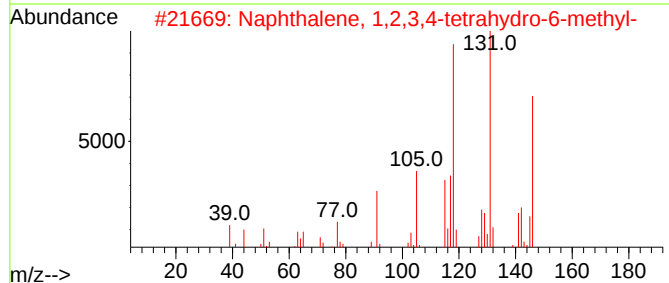
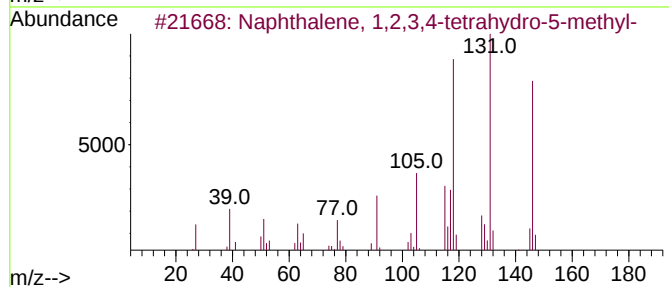
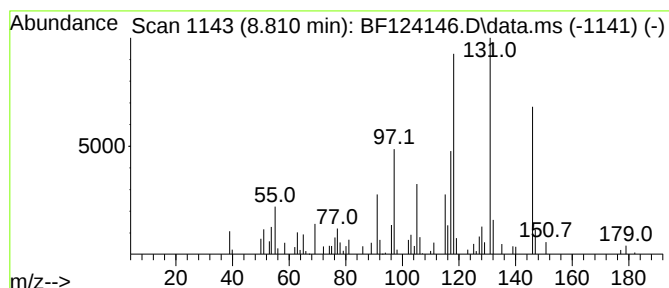
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Naphthalene, 1,2,3,4-tetrahydro-... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.810	14.26 ng	157191	Naphthalene-d8	8.151

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	002809-64-5	90
2		Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001680-51-9	90
3		Benzene, (1-ethyl-2-propenyl)-	146	C11H14	019947-22-9	87
4		Benzene, (2-methyl-1-butenyl)-	146	C11H14	056253-64-6	49
5		2-(2-Hydroxyphenyl)buta-1,3-diene	146	C10H10O	038865-47-3	46



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060421\
Data File : BF124146.D
Acq On : 4 Jun 2021 18:39
Operator : JU/CG
Sample : M2584-01 5X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EO-02-060221

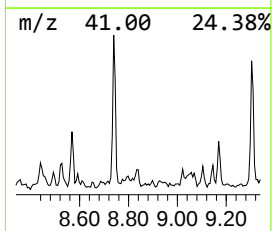
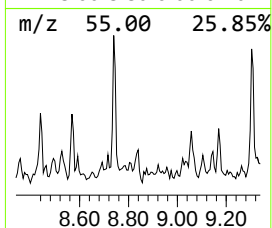
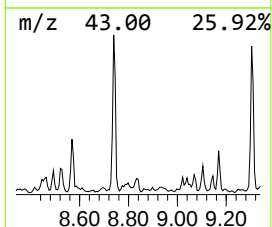
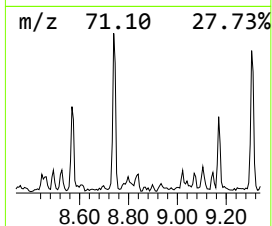
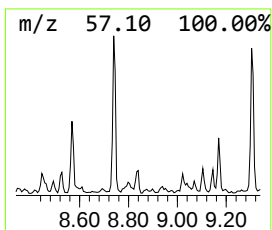
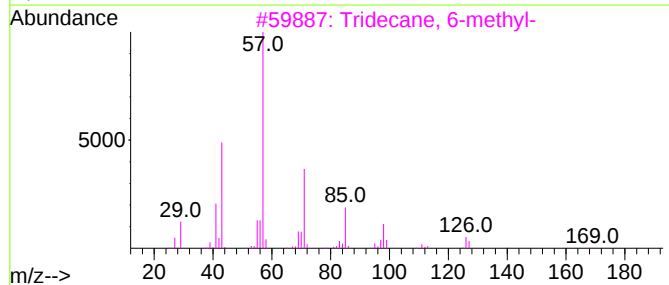
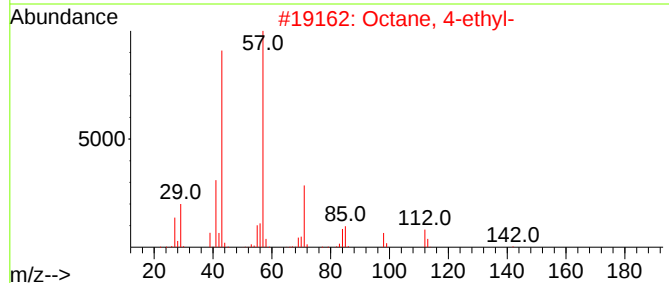
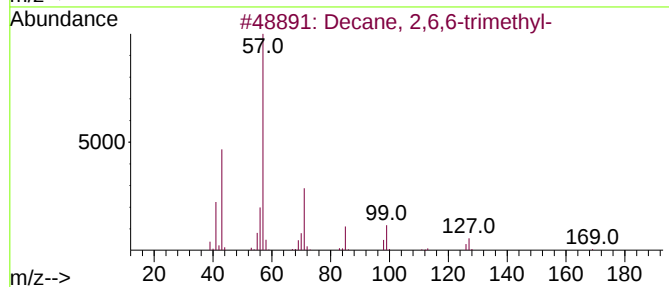
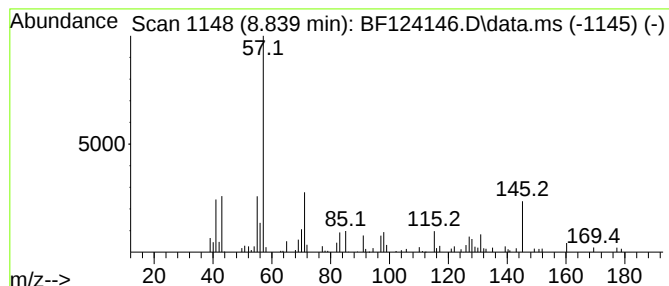
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 unknown8.839 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.839	16.44 ng	181208	Naphthalene-d8	8.151

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Decane, 2,6,6-trimethyl-	184	C13H28	062108-24-1	38
2		Octane, 4-ethyl-	142	C10H22	015869-86-0	37
3		Tridecane, 6-methyl-	198	C14H30	013287-21-3	35
4		Nonane, 2,2,4,4,6,8,8-heptamethyl-	226	C16H34	004390-04-9	27
5		Dodecane, 6-methyl-	184	C13H28	006044-71-9	25



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060421\
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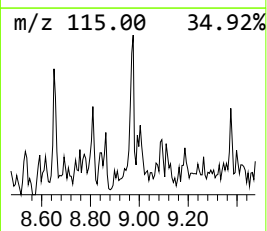
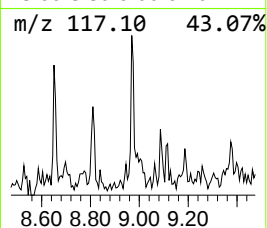
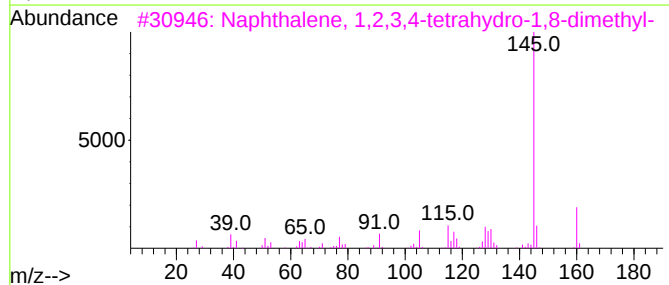
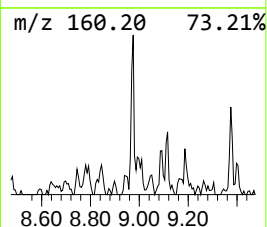
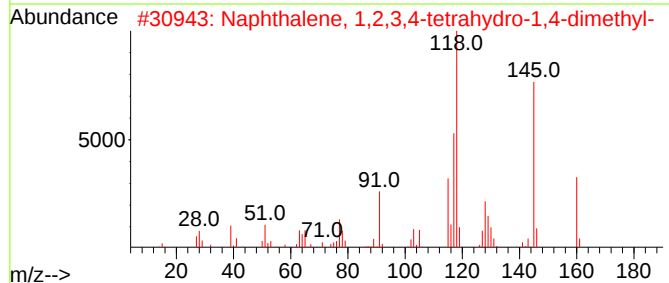
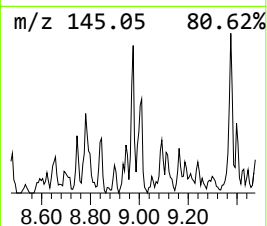
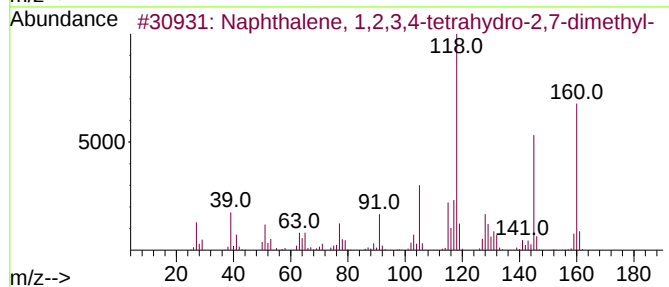
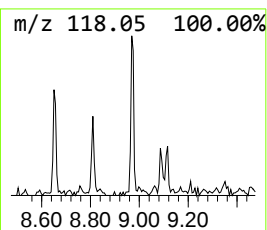
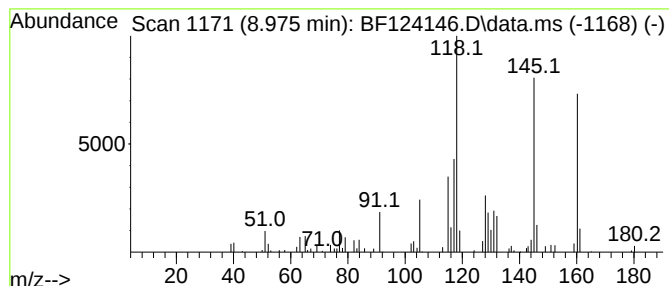
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Naphthalene, 1,2,3,4-tetrahydro-... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.975	16.52 ng	182020	Naphthalene-d8	8.151

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	013065-07-1	81
2			Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	004175-54-6	72
3			Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	025419-33-4	64
4			Benzene, 1-(1-methylethenyl)-3-(...	160	C12H16	001129-29-9	64
5			Benzene, 1-(1-methylethenyl)-2-(...	160	C12H16	005557-93-7	58



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060421\
Data File : BF124146.D
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Misc :
ALS Vial : 19 Sample Multiplier: 1

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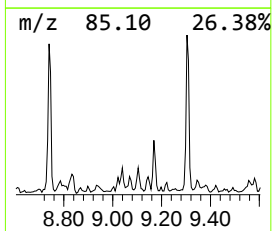
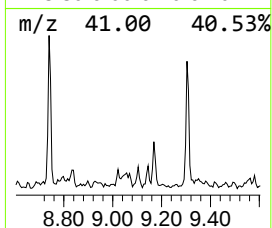
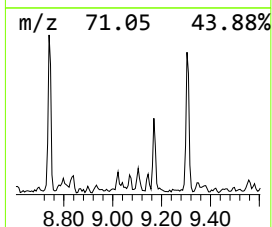
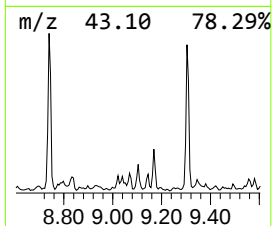
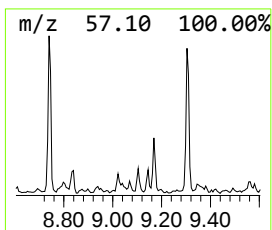
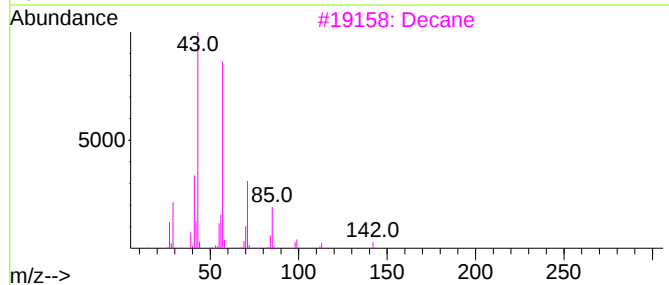
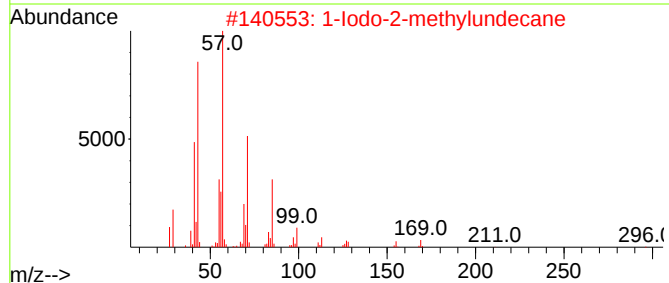
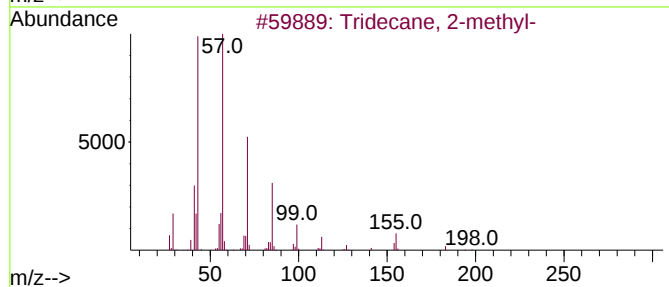
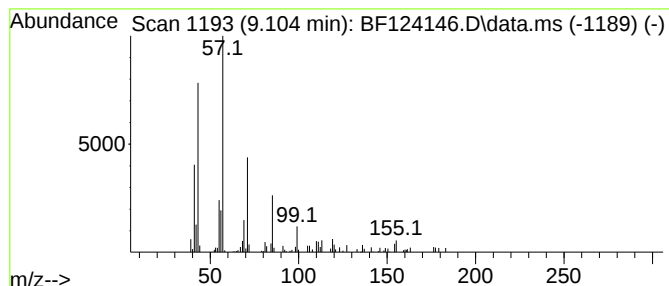
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Tridecane, 2-methyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.104	17.51 ng	253141	Acenaphthene-d10	9.904

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Tridecane, 2-methyl-	198	C14H30	001560-96-9	80
2		1-Iodo-2-methylundecane	296	C12H25I	073105-67-6	72
3		Decane	142	C10H22	000124-18-5	68
4		Sulfurous acid, butyl dodecyl ester	306	C16H34O3S	1000309-17-9	64
5		Eicosane	282	C20H42	000112-95-8	64



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060421\
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Acq On : 4 Jun 2021 18:39
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Misc :
ALS Vial : 19 Sample Multiplier: 1

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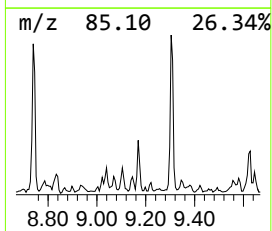
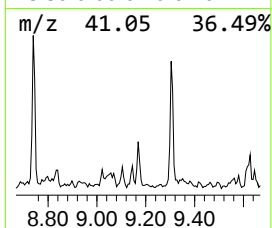
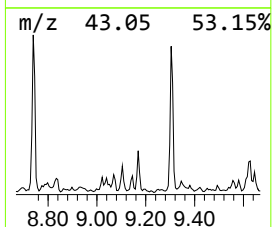
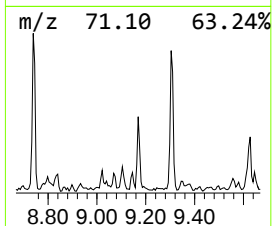
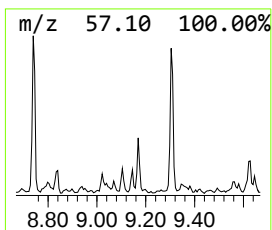
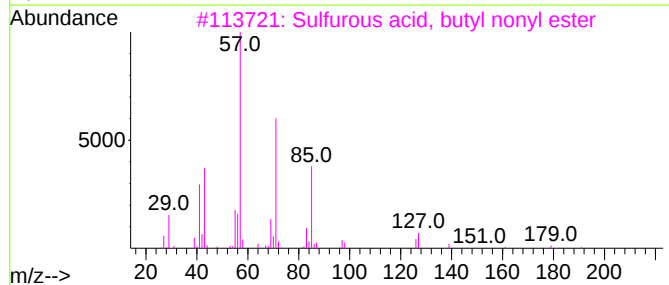
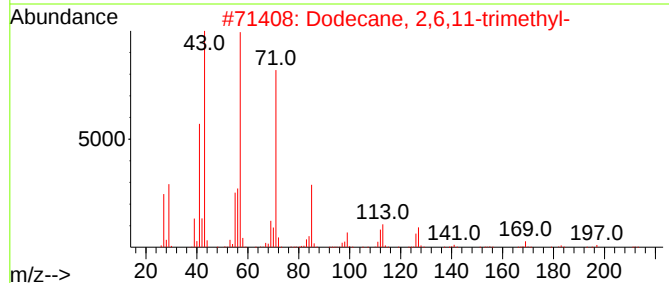
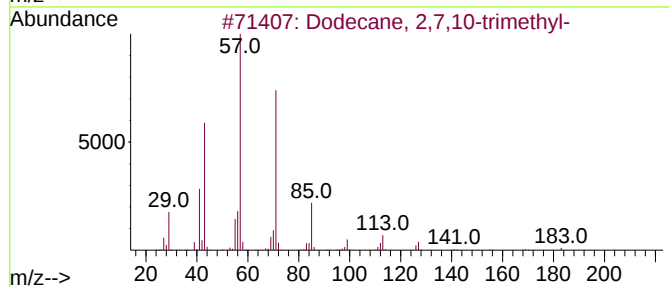
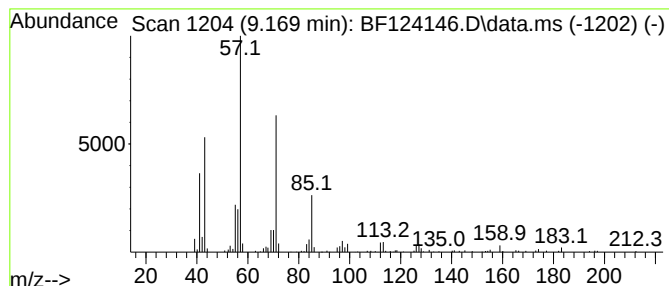
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 14 Dodecane, 2,7,10-trimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.169	24.66 ng	356598	Acenaphthene-d10	9.904

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	80
2		Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	72
3		Sulfurous acid, butyl nonyl ester	264	C13H28O3S	1000309-17-6	59
4		Octane, 2-methyl-	128	C9H20	003221-61-2	59
5		Hexadecane	226	C16H34	000544-76-3	59



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060421\
Data File : BF124146.D
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Instrument :
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ClientSampleId :
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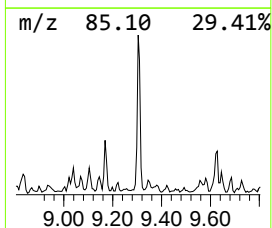
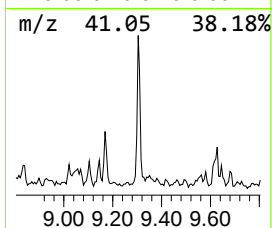
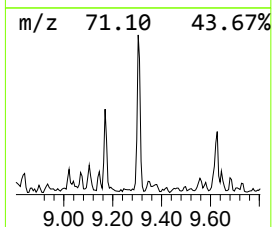
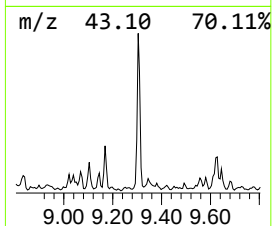
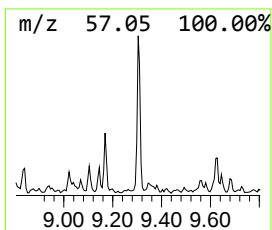
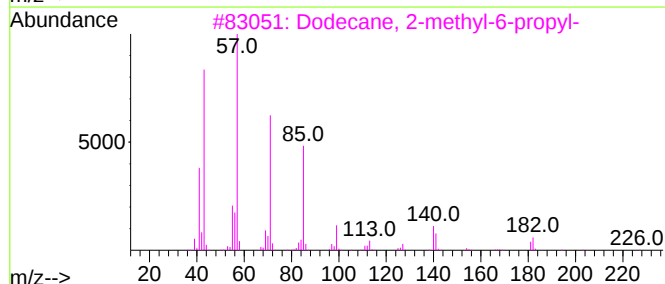
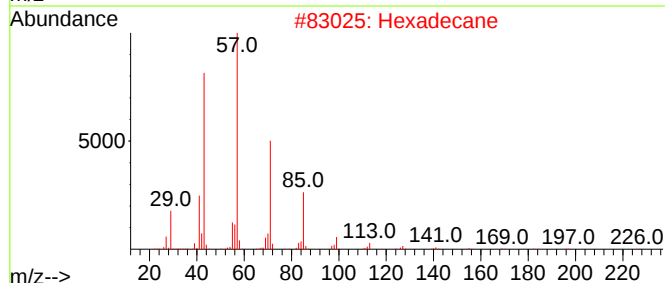
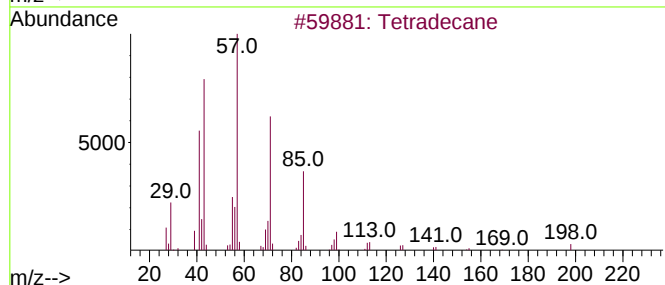
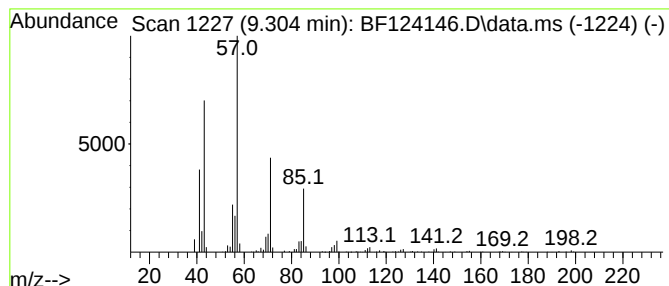
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 Tetradecane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.304	56.17 ng	812174	Acenaphthene-d10	9.904

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Tetradecane	198	C14H30	000629-59-4	95
2		Hexadecane	226	C16H34	000544-76-3	86
3		Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	86
4		Tridecane, 6-methyl-	198	C14H30	013287-21-3	74
5		Pentadecane	212	C15H32	000629-62-9	72



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060421\
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Misc :
ALS Vial : 19 Sample Multiplier: 1

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ClientSampleId :
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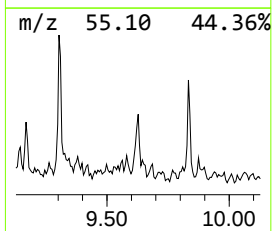
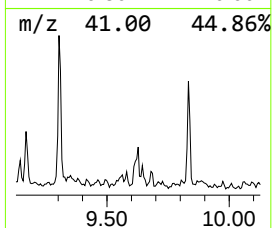
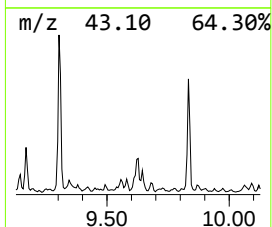
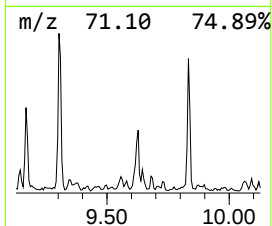
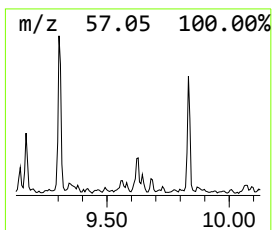
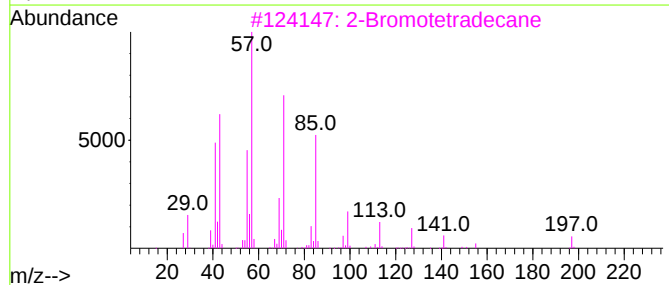
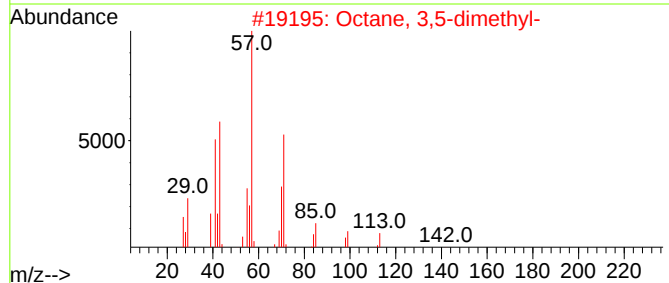
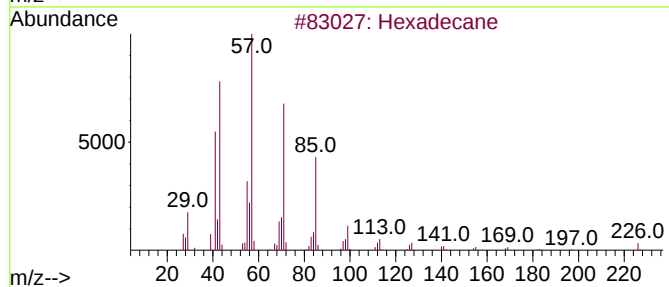
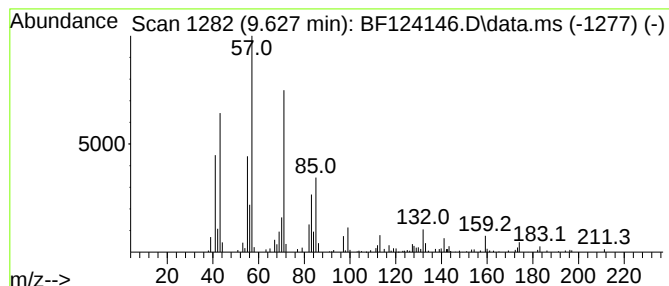
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 Hexadecane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.627	22.21 ng	321152	Acenaphthene-d10	9.904

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Hexadecane	226	C16H34	000544-76-3	72
2		Octane, 3,5-dimethyl-	142	C10H22	015869-93-9	68
3		2-Bromotetradecane	276	C14H29Br	074036-95-6	64
4		Tetracosane	338	C24H50	000646-31-1	64
5		Eicosane	282	C20H42	000112-95-8	59



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060421\
Data File : BF124146.D
Acq On : 4 Jun 2021 18:39
Operator : JU/CG
Sample : M2584-01 5X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EO-02-060221

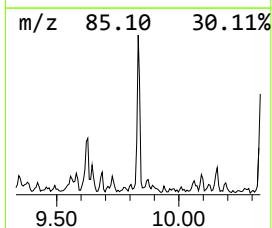
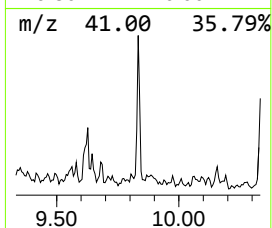
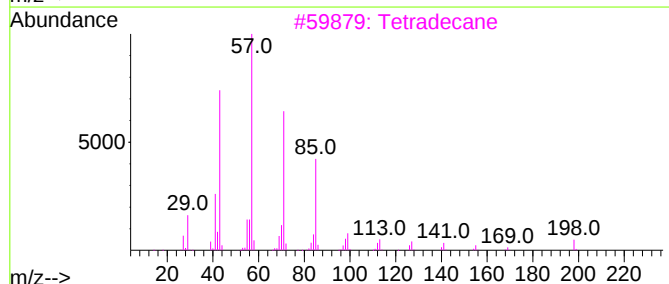
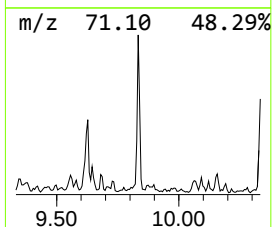
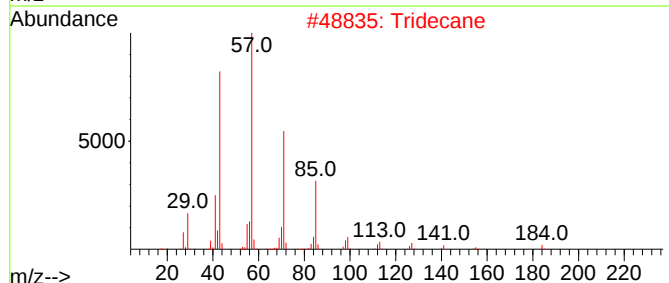
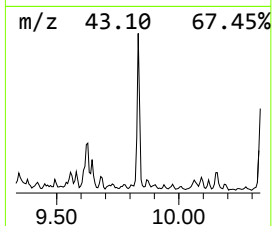
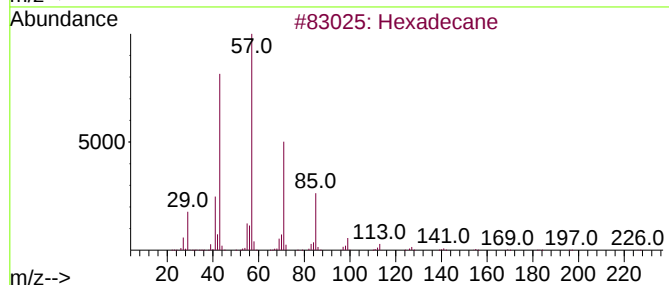
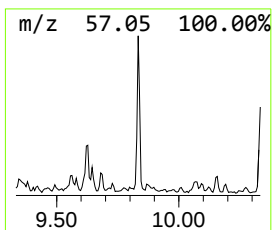
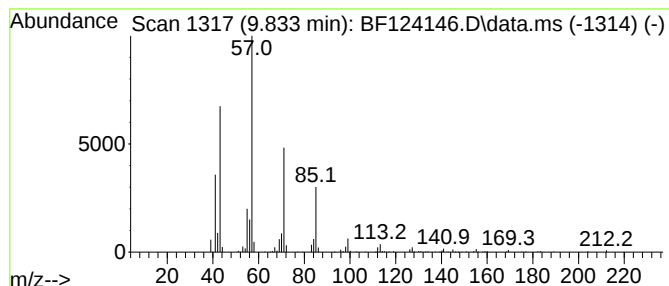
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 Tridecane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.833	33.75 ng	487955	Acenaphthene-d10	9.904

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Hexadecane	226	C16H34	000544-76-3	86
2		Tridecane	184	C13H28	000629-50-5	80
3		Tetradecane	198	C14H30	000629-59-4	72
4		Pentadecane	212	C15H32	000629-62-9	72
5		Sulfurous acid, 2-propyl tridecy...	306	C16H34O3S	1000309-12-4	72



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060421\
Data File : BF124146.D
Acq On : 4 Jun 2021 18:39
Operator : JU/CG
Sample : M2584-01 5X
Misc :
ALS Vial : 19 Sample Multiplier: 1

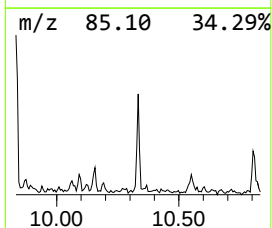
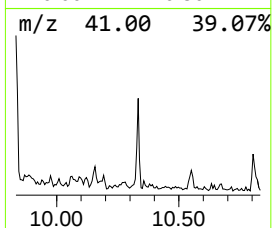
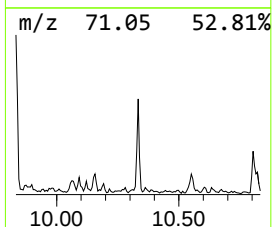
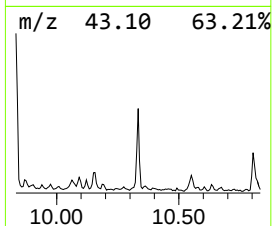
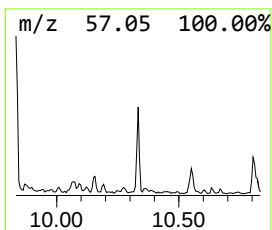
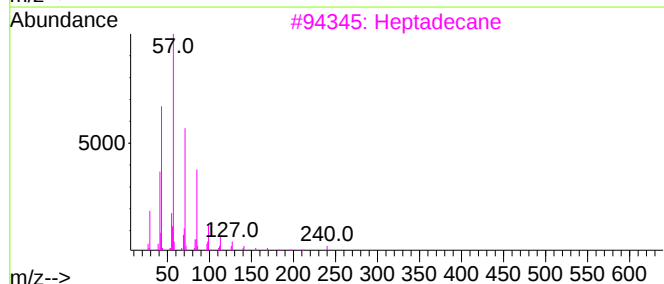
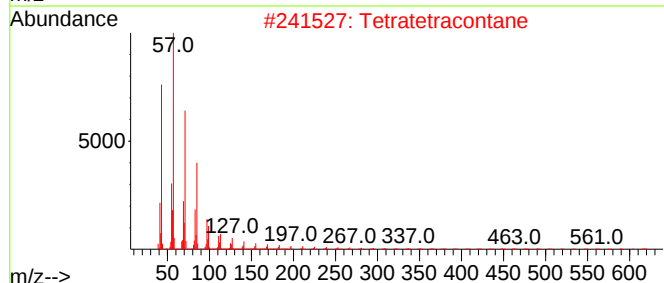
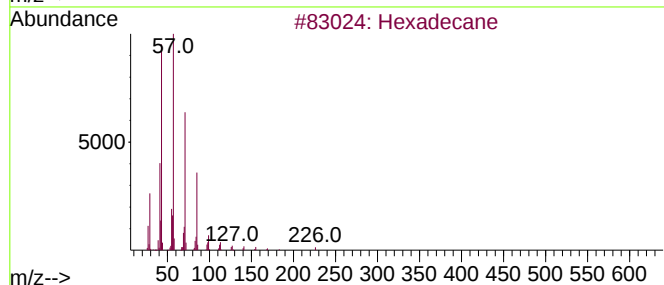
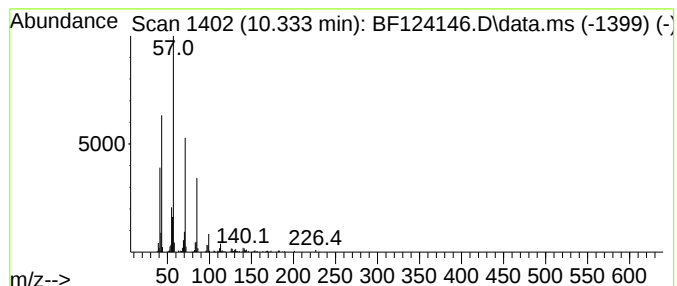
Instrument :
BNA_F
ClientSampleId :
EO-02-060221

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 Tetratetracontane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD		R.T.
10.333	18.27 ng	264166	Acenaphthene-d10		9.904
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	94
2	Tetratetracontane	619	C44H90	007098-22-8	90
3	Heptadecane	240	C17H36	000629-78-7	90
4	Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	78
5	Decane, 3-methyl-	156	C11H24	013151-34-3	72



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060421\
Data File : BF124146.D
Acq On : 4 Jun 2021 18:39
Operator : JU/CG
Sample : M2584-01 5X
Misc :
ALS Vial : 19 Sample Multiplier: 1

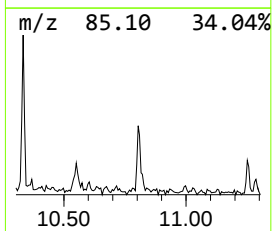
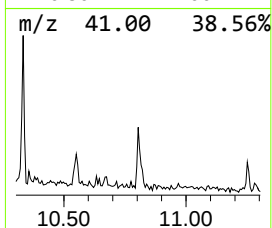
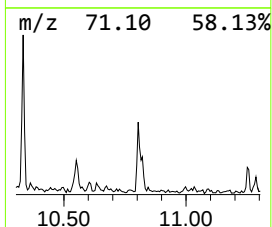
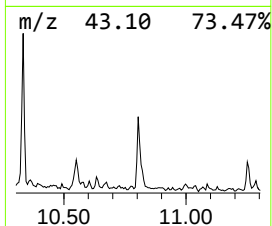
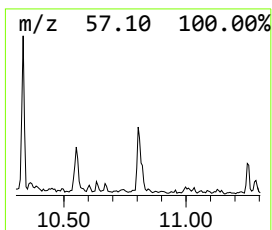
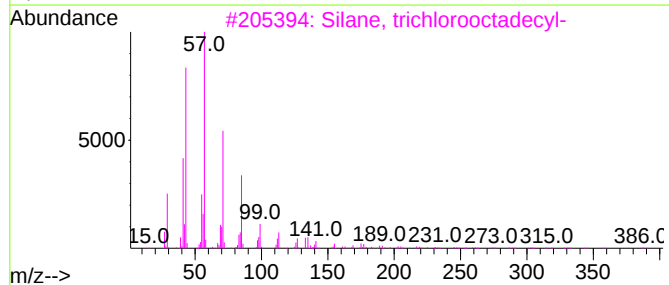
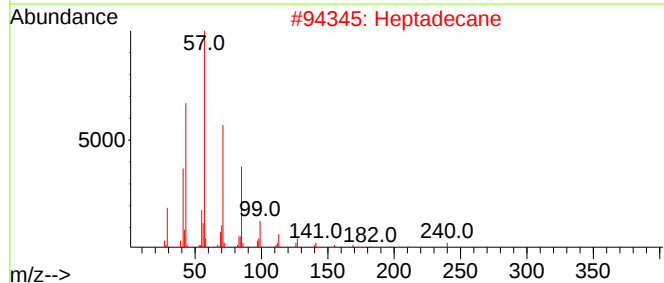
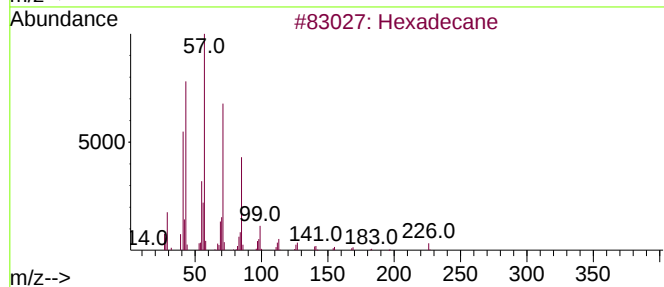
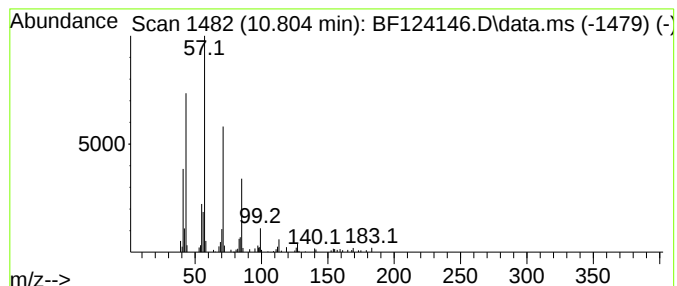
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ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF060321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 Heptadecane Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD		R.T.	
10.804	16.64 ng	206607	Phenanthrene-d10		11.392	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Hexadecane		226	C16H34	000544-76-3	91
2	Heptadecane		240	C17H36	000629-78-7	91
3	Silane, trichlorooctadecyl-		386	C18H37Cl3Si	000112-04-9	90
4	Pentadecane		212	C15H32	000629-62-9	90
5	Tetradecane		198	C14H30	000629-59-4	90



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060421\
Data File : BF124146.D
Acq On : 4 Jun 2021 18:39
Operator : JU/CG
Sample : M2584-01 5X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EO-02-060221

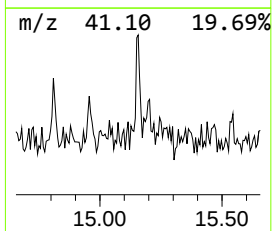
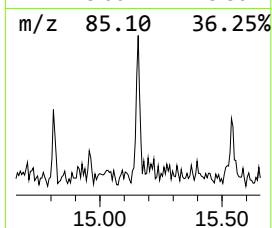
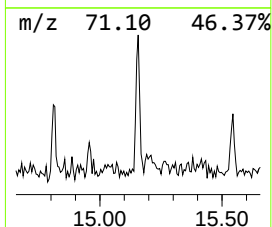
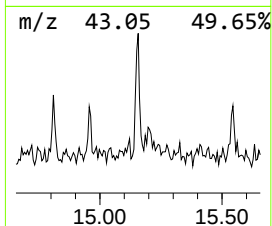
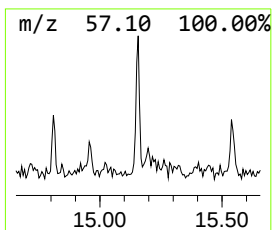
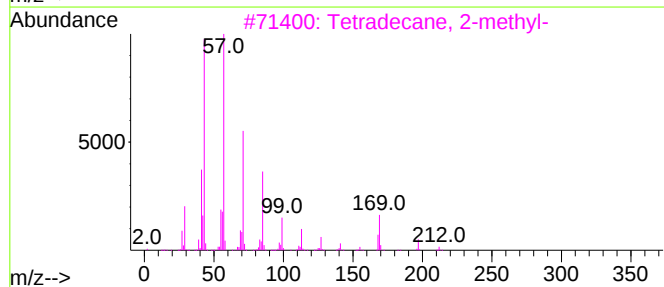
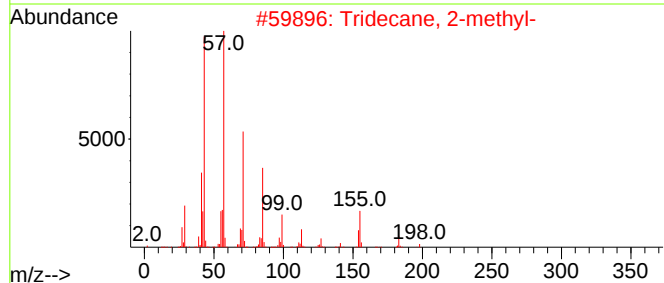
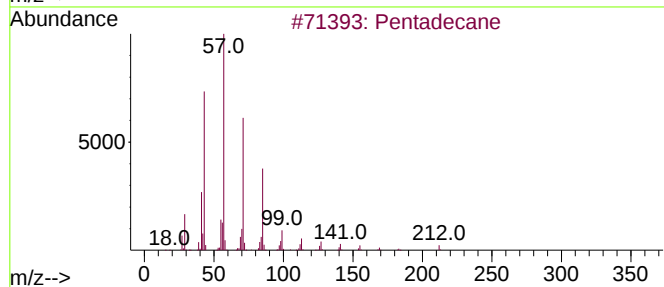
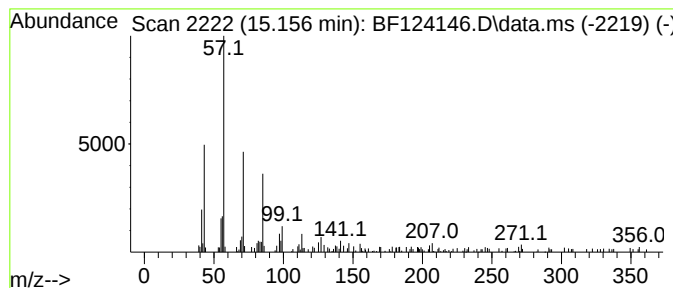
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 Pentadecane Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.156	14.55 ng	111635	Perylene-d12	15.515

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pentadecane	212	C15H32	000629-62-9	93
2			Tridecane, 2-methyl-	198	C14H30	001560-96-9	87
3			Tetradecane, 2-methyl-	212	C15H32	001560-95-8	83
4			Nonadecane, 2-methyl-	282	C20H42	001560-86-7	80
5			Sulfurous acid, butyl heptadecyl...	376	C21H44O3S	1000309-18-4	80



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060421\
 Data File : BF124146.D
 Acq On : 4 Jun 2021 18:39
 Operator : JU/CG
 Sample : M2584-01 5X
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
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 ClientSampleId :
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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, 2-met...	7.898	25.0	ng	275199	2	8.151	220401	20.0
Benzene, 1-ethy...	8.098	14.5	ng	159782	2	8.151	220401	20.0
Undecane, 2,6-d...	8.210	29.7	ng	327411	2	8.151	220401	20.0
Cyclohexane, 2-...	8.439	35.0	ng	385689	2	8.151	220401	20.0
Tridecane, 4-me...	8.492	13.6	ng	149580	2	8.151	220401	20.0
Octacosane	8.527	19.6	ng	216210	2	8.151	220401	20.0
Decane, 2-methyl-	8.569	32.4	ng	357301	2	8.151	220401	20.0
Naphthalene, 1,...	8.651	15.0	ng	165206	2	8.151	220401	20.0
Dodecane	8.739	76.6	ng	843982	2	8.151	220401	20.0
Naphthalene, 1,...	8.810	14.3	ng	157191	2	8.151	220401	20.0
unknown8.839	8.839	16.4	ng	181208	2	8.151	220401	20.0
Naphthalene, 1,...	8.975	16.5	ng	182020	2	8.151	220401	20.0
Tridecane, 2-me...	9.104	17.5	ng	253141	3	9.904	289162	20.0
Dodecane, 2,7,1...	9.169	24.7	ng	356598	3	9.904	289162	20.0
Tetradecane	9.304	56.2	ng	812174	3	9.904	289162	20.0
Hexadecane	9.627	22.2	ng	321152	3	9.904	289162	20.0
Tridecane	9.833	33.8	ng	487955	3	9.904	289162	20.0
Tetratetracontane	10.333	18.3	ng	264166	3	9.904	289162	20.0
Heptadecane	10.804	16.6	ng	206607	4	11.392	248389	20.0
Pentadecane	15.156	14.6	ng	111635	6	15.515	153410	20.0