

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG030421\
 Data File : BG048337.D
 Acq On : 4 Mar 2021 20:50
 Operator : CG/JU
 Sample : M1540-01 5X
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PR-01-030221

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_G\METHODS\8270-BG021021.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BG048337.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.700	396	402	415	rVB	135551	257599	6.05%	0.489%
2	6.088	463	468	479	rVB3	59140	103729	2.43%	0.197%
3	7.234	658	663	669	rVB3	103600	172696	4.05%	0.328%
4	7.322	672	678	689	rBV2	168036	327533	7.69%	0.622%
5	7.704	737	743	747	rBV	493083	761687	17.88%	1.447%
6	7.745	747	750	757	rVV	113683	185091	4.34%	0.352%
7	7.992	784	792	798	rBV9	50100	140473	3.30%	0.267%
8	8.056	798	803	807	rVV	202648	308847	7.25%	0.587%
9	8.109	807	812	825	rVB4	171311	454068	10.66%	0.862%
10	8.215	825	830	835	rBV3	106783	217725	5.11%	0.413%
11	8.268	835	839	844	rVB4	73435	109671	2.57%	0.208%
12	8.380	853	858	864	rVB2	117569	205554	4.82%	0.390%
13	8.609	889	897	900	rBV3	154550	329582	7.73%	0.626%
14	8.650	900	904	905	rBV	88768	109729	2.58%	0.208%
15	8.738	913	919	931	rBV2	384758	723179	16.97%	1.373%
16	8.850	932	938	943	rBV	216022	379180	8.90%	0.720%
17	9.055	967	973	977	rBV	86487	171065	4.01%	0.325%
18	9.108	977	982	987	rVB2	114892	210730	4.95%	0.400%
19	9.167	987	992	994	rBV3	80613	135300	3.18%	0.257%
20	9.202	994	998	1007	rVV2	259417	501366	11.77%	0.952%
21	9.314	1007	1017	1023	rVV	1797532	3127640	73.40%	5.940%
22	9.414	1028	1034	1035	rBV3	97077	162995	3.83%	0.310%
23	9.455	1035	1041	1048	rVB5	191867	462444	10.85%	0.878%
24	9.561	1048	1059	1066	rBV6	177808	578969	13.59%	1.100%
25	9.731	1083	1088	1094	rVB2	262736	405121	9.51%	0.769%
26	9.796	1094	1099	1102	rBV	174280	308369	7.24%	0.586%
27	10.025	1133	1138	1143	rVB4	204452	354216	8.31%	0.673%
28	10.101	1143	1151	1155	rBV6	136353	361194	8.48%	0.686%
29	10.160	1155	1161	1168	rVB4	254398	634632	14.89%	1.205%
30	10.236	1169	1174	1181	rBV2	242307	492219	11.55%	0.935%
31	10.313	1181	1187	1193	rBV2	625708	1083560	25.43%	2.058%
32	10.365	1194	1196	1200	rVV2	109648	147862	3.47%	0.281%
33	10.418	1200	1205	1209	rVB	264929	389183	9.13%	0.739%
34	10.489	1209	1217	1222	rBV4	154620	375911	8.82%	0.714%
35	10.548	1223	1227	1232	rVB	184587	287406	6.75%	0.546%
36	10.612	1232	1238	1245	rVB4	164039	353887	8.31%	0.672%

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG030421\
 Data File : BG048337.D
 Acq On : 4 Mar 2021 20:50
 Operator : CG/JU
 Sample : M1540-01 5X
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PR-01-030221

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_G\METHODS\8270-BG021021.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	10.683	1245	1250	1255	rBV4	94870	188444	4.42%	0.358%
38	10.759	1259	1263	1265	rBV4	67594	109584	2.57%	0.208%
39	10.794	1265	1269	1273	rVV2	131778	267042	6.27%	0.507%
40	10.865	1275	1281	1288	rVV	2448905	4261005	100.00%	8.092%
41	10.924	1288	1291	1296	rVV	253737	477010	11.19%	0.906%
42	10.977	1297	1300	1304	rVV6	148840	269780	6.33%	0.512%
43	11.053	1305	1313	1319	rVB2	781325	1530916	35.93%	2.907%
44	11.123	1319	1325	1330	rBV5	219994	481875	11.31%	0.915%
45	11.176	1331	1334	1343	rVB5	95499	177549	4.17%	0.337%
46	11.282	1344	1352	1355	rBV4	126556	270733	6.35%	0.514%
47	11.329	1356	1360	1364	rVV5	74226	137378	3.22%	0.261%
48	11.388	1365	1370	1376	rVB5	265282	545204	12.80%	1.035%
49	11.605	1402	1407	1412	rBV5	271958	555047	13.03%	1.054%
50	11.729	1423	1428	1436	rVB4	282925	513050	12.04%	0.974%
51	11.805	1436	1441	1450	rVB4	426946	849973	19.95%	1.614%
52	11.911	1451	1459	1463	rBV	859019	1469209	34.48%	2.790%
53	11.952	1463	1466	1471	rVB4	165293	260327	6.11%	0.494%
54	12.105	1486	1492	1497	rVB3	396379	680044	15.96%	1.292%
55	12.181	1498	1505	1510	rBV6	129074	321561	7.55%	0.611%
56	12.310	1520	1527	1533	rBV	2731905	4102837	96.29%	7.792%
57	12.457	1546	1552	1556	rVV3	200722	422204	9.91%	0.802%
58	12.522	1557	1563	1568	rVB2	332792	651726	15.30%	1.238%
59	12.575	1569	1572	1577	rVB3	119309	173034	4.06%	0.329%
60	12.816	1609	1613	1618	rVB2	314408	468740	11.00%	0.890%
61	12.933	1628	1633	1636	rBV2	253149	394354	9.25%	0.749%
62	12.974	1637	1640	1641	rBV3	88053	95798	2.25%	0.182%
63	13.033	1647	1650	1654	rVB	161334	181532	4.26%	0.345%
64	13.109	1660	1663	1669	rVB2	347806	560357	13.15%	1.064%
65	13.192	1673	1677	1681	rBV	224132	284380	6.67%	0.540%
66	13.250	1681	1687	1691	rBV	610992	952500	22.35%	1.809%
67	13.362	1701	1706	1710	rBV	209696	321770	7.55%	0.611%
68	13.538	1729	1736	1745	rBV	2267526	3325409	78.04%	6.316%
69	13.673	1755	1759	1766	rVB5	192654	373369	8.76%	0.709%
70	13.773	1773	1776	1782	rVB6	98464	136890	3.21%	0.260%
71	13.920	1799	1801	1807	rVB6	129128	174125	4.09%	0.331%
72	14.008	1812	1816	1820	rVV7	90504	186391	4.37%	0.354%
73	14.055	1820	1824	1828	rVV3	224245	430122	10.09%	0.817%
74	14.102	1828	1832	1837	rVV3	244225	389321	9.14%	0.739%
75	14.190	1837	1847	1850	rVV2	563442	1149833	26.99%	2.184%
76	14.232	1850	1854	1860	rVB3	274352	500018	11.73%	0.950%

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG030421\
 Data File : BG048337.D
 Acq On : 4 Mar 2021 20:50
 Operator : CG/JU
 Sample : M1540-01 5X
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PR-01-030221

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_G\METHODS\8270-BG021021.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

77	14.302	1862	1866	1870	rVB2	233919	325179	7.63%	0.618%
78	14.602	1912	1917	1925	rVB	1370564	1873216	43.96%	3.558%
79	14.678	1926	1930	1932	rBV4	95444	153312	3.60%	0.291%
80	14.737	1936	1940	1945	rVB	346580	573128	13.45%	1.088%
81	14.942	1970	1975	1980	rVB7	76703	131442	3.08%	0.250%
82	15.042	1989	1992	1994	rBV3	71202	93698	2.20%	0.178%
83	15.101	1998	2002	2005	rVV2	70044	93678	2.20%	0.178%
84	15.213	2016	2021	2029	rBV5	177899	381165	8.95%	0.724%
85	15.283	2031	2033	2038	rVB	92829	109576	2.57%	0.208%
86	15.354	2040	2045	2051	rBV9	62880	165881	3.89%	0.315%
87	15.548	2074	2078	2084	rVB	652653	885404	20.78%	1.682%
88	15.953	2141	2147	2151	rBV	130341	235056	5.52%	0.446%
89	16.241	2190	2196	2203	rBV3	161023	290659	6.82%	0.552%
90	16.411	2220	2225	2235	rBV	319565	550129	12.91%	1.045%
91	17.204	2355	2360	2364	rBV	144770	180004	4.22%	0.342%
92	17.486	2402	2408	2414	rBV	438024	656116	15.40%	1.246%
93	17.945	2482	2486	2490	rVB2	85781	113525	2.66%	0.216%
94	18.632	2599	2603	2611	rVB	79832	97943	2.30%	0.186%
95	19.261	2706	2710	2715	rBV2	123588	180381	4.23%	0.343%
96	20.083	2846	2850	2854	rBV	389668	474301	11.13%	0.901%
97	20.365	2894	2898	2902	rBV2	140449	170541	4.00%	0.324%
98	20.859	2979	2982	2985	rBV	98135	107446	2.52%	0.204%
99	21.770	3132	3137	3143	rVB2	432828	706370	16.58%	1.342%
100	21.922	3160	3163	3168	rVB3	100331	135363	3.18%	0.257%

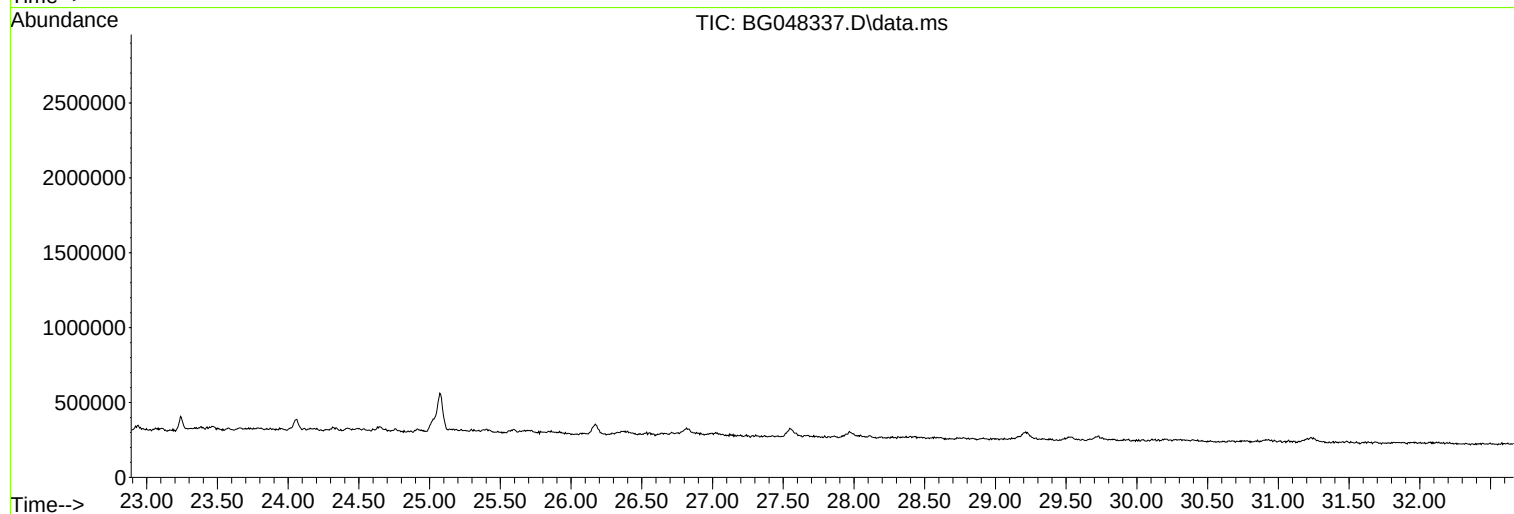
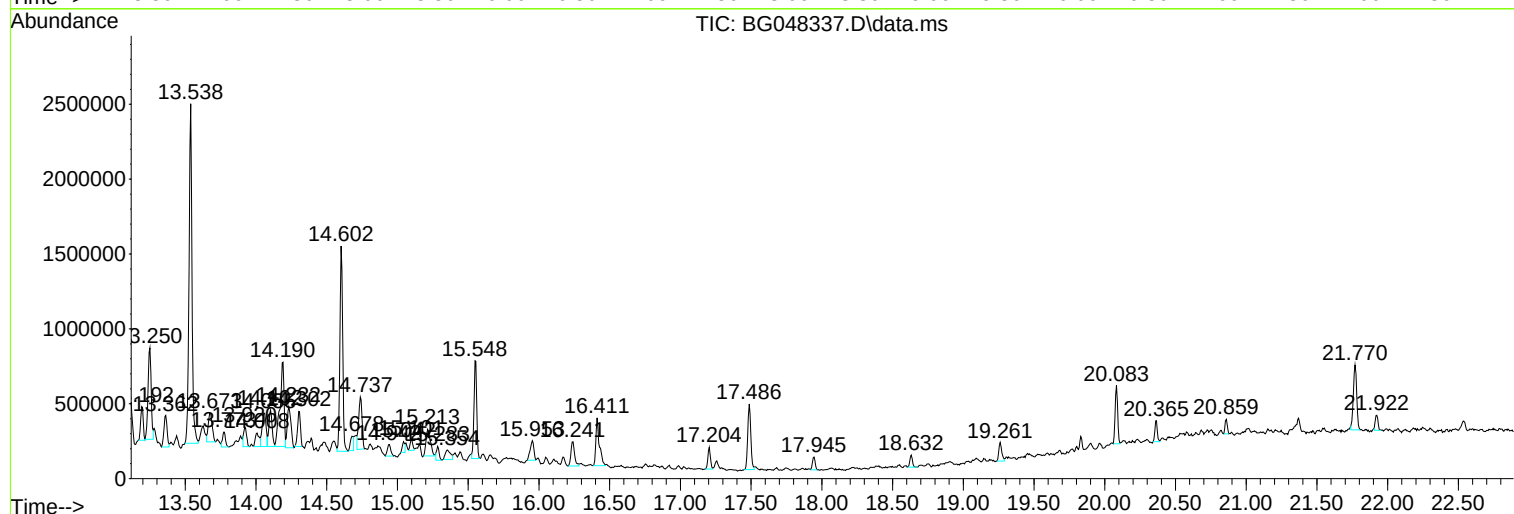
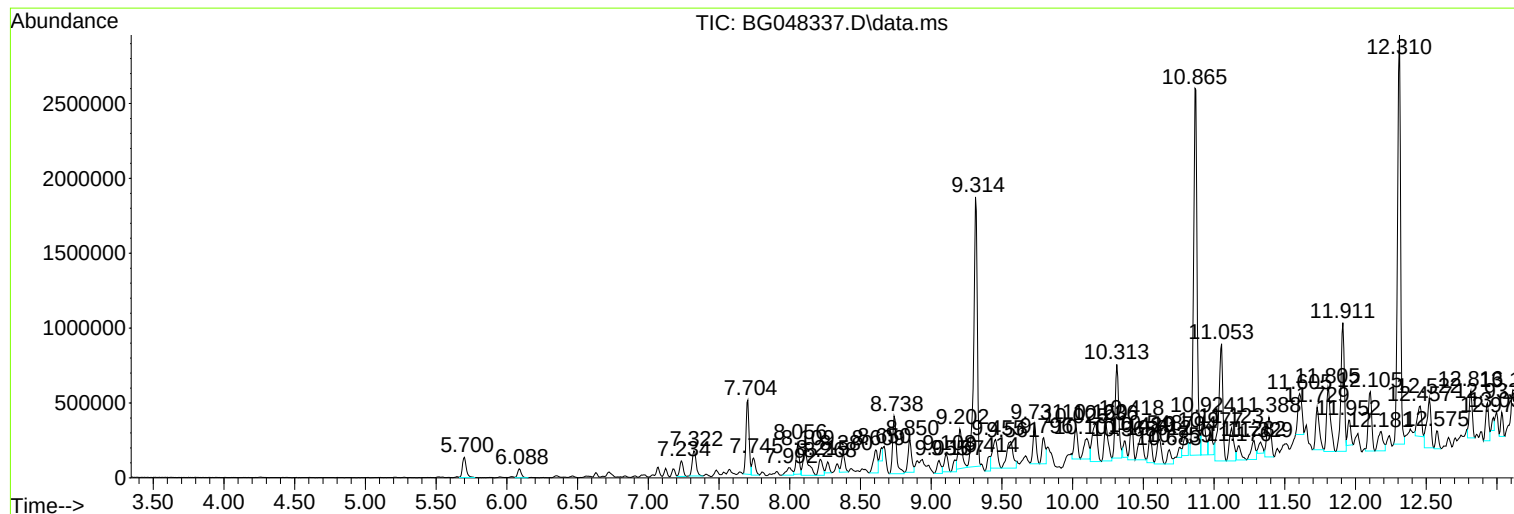
Sum of corrected areas: 52654366

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG030421\
Data File : BG048337.D
Acq On : 4 Mar 2021 20:50
Operator : CG/JU
Sample : M1540-01 5X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PR-01-030221

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG021021.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_G\Data\BG030421\
Data File : BG048337.D
Acq On : 4 Mar 2021 20:50
Operator : CG/JU
Sample : M1540-01 5X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PR-01-030221

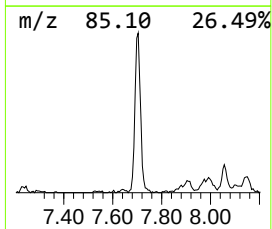
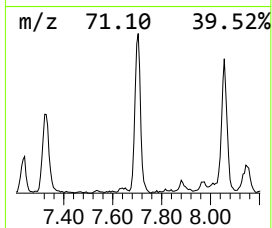
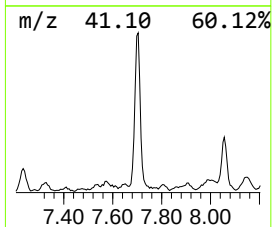
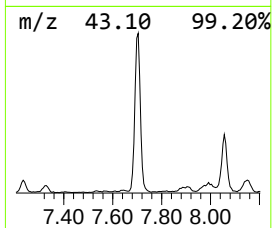
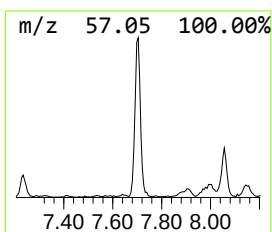
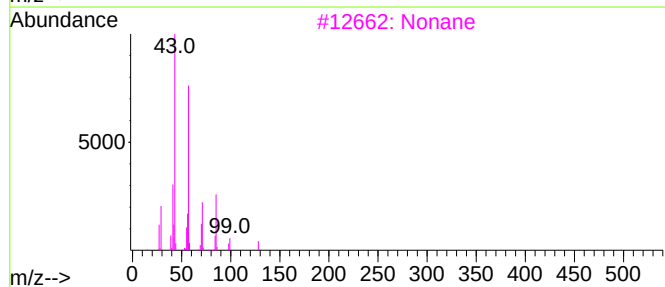
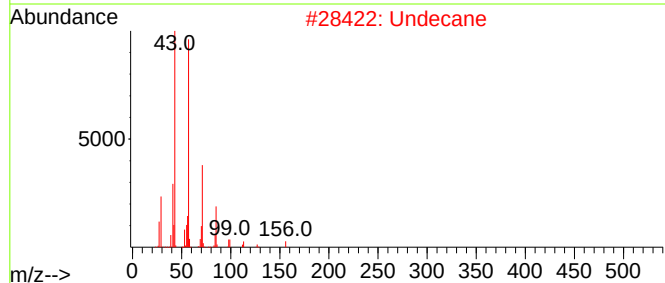
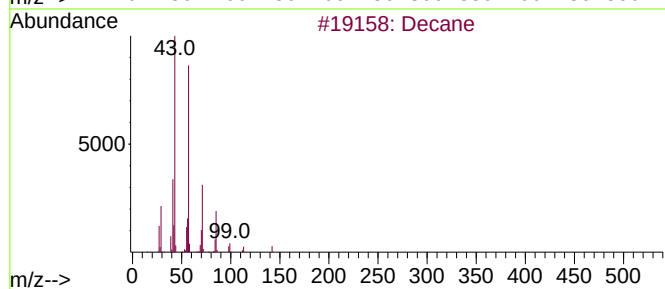
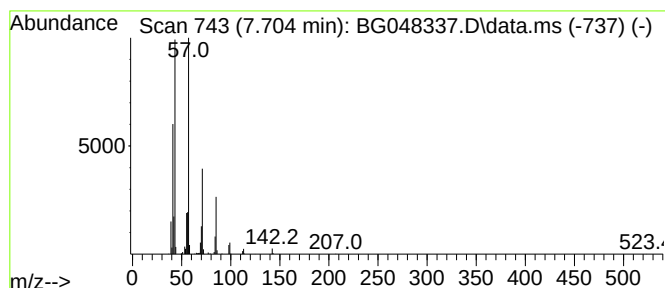
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG021021.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 Decane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.704	33.55 ng	761687	1,4-Dichlorobenzene-d4	8.109

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Decane	142	C10H22	000124-18-5	90
2			Undecane	156	C11H24	001120-21-4	78
3			Nonane	128	C9H20	000111-84-2	72
4			Decane, 2,3,6-trimethyl-	184	C13H28	062238-12-4	72
5			Decane, 2,9-dimethyl-	170	C12H26	001002-17-1	72



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG030421\
Data File : BG048337.D
Acq On : 4 Mar 2021 20:50
Operator : CG/JU
Sample : M1540-01 5X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PR-01-030221

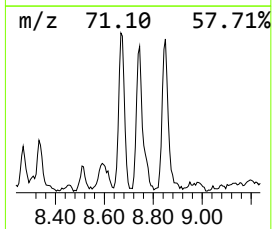
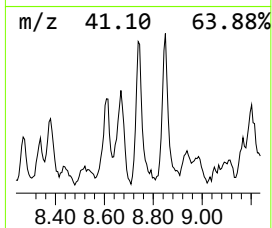
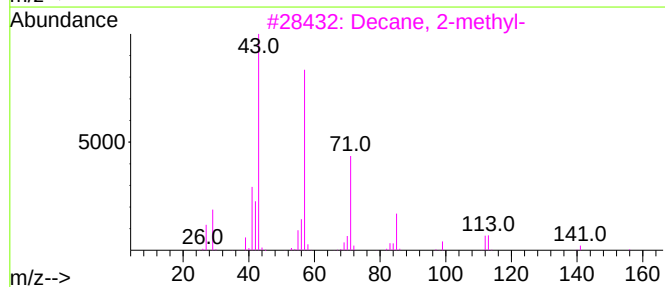
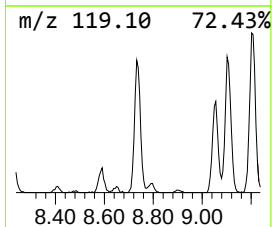
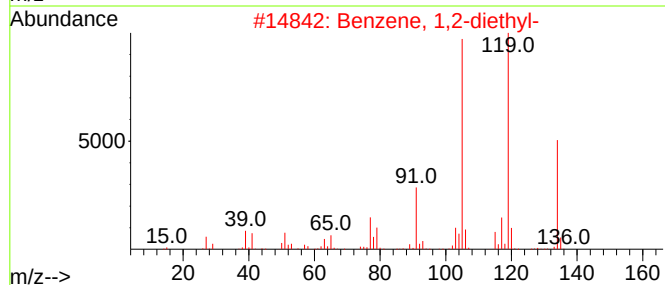
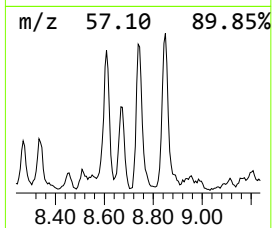
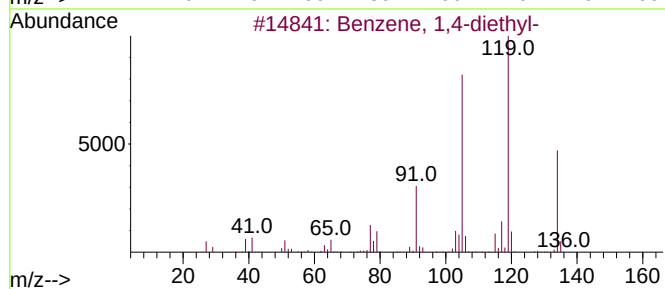
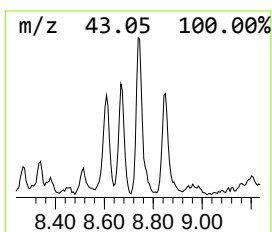
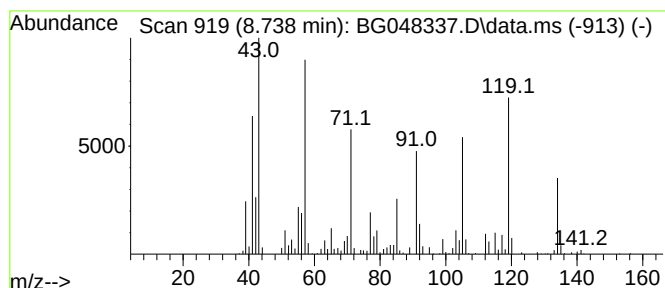
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG021021.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 2 Benzene, 1,4-diethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.738	31.85 ng	723179	1,4-Dichlorobenzene-d4	8.109

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	74
2			Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	70
3			Decane, 2-methyl-	156	C11H24	006975-98-0	50
4			Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	43
5			Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	43



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG030421\
Data File : BG048337.D
Acq On : 4 Mar 2021 20:50
Operator : CG/JU
Sample : M1540-01 5X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PR-01-030221

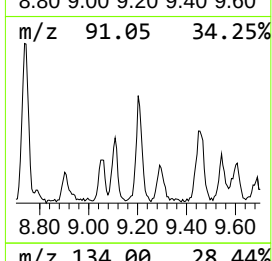
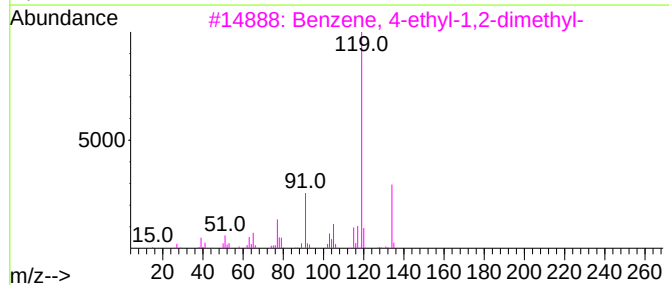
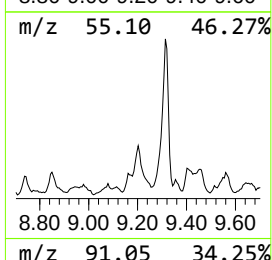
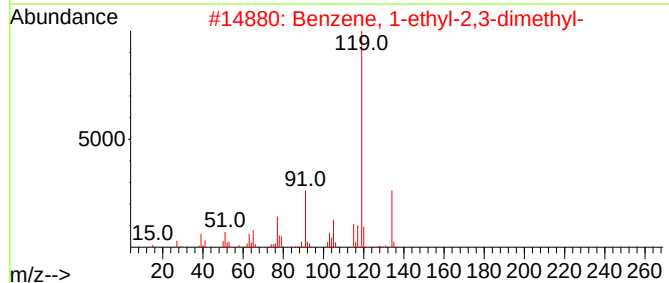
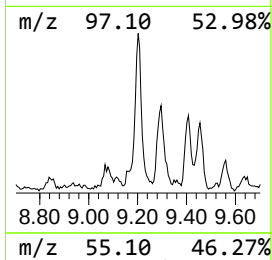
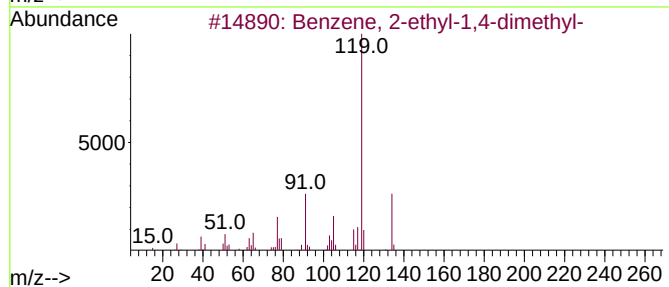
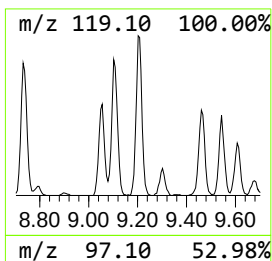
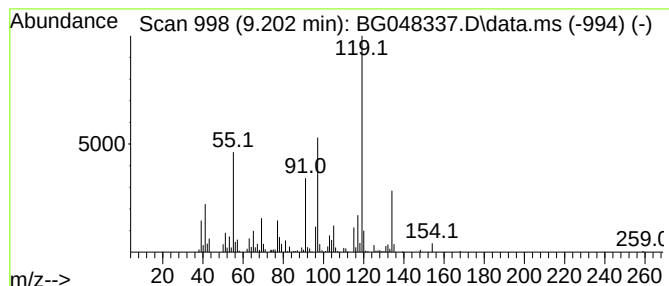
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG021021.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 3 Benzene, 2-ethyl-1,4-dimethyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.202	22.08 ng	501366	1,4-Dichlorobenzene-d4	8.109

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	93
2			Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	93
3			Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	92
4			Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	91
5			Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	91



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG030421\
Data File : BG048337.D
Acq On : 4 Mar 2021 20:50
Operator : CG/JU
Sample : M1540-01 5X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PR-01-030221

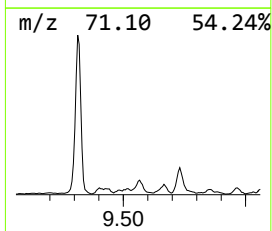
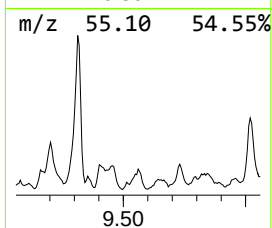
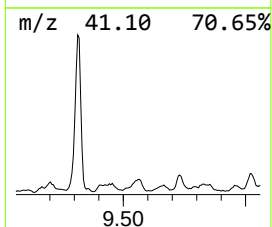
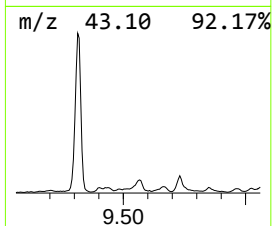
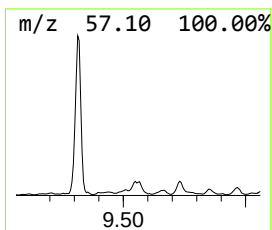
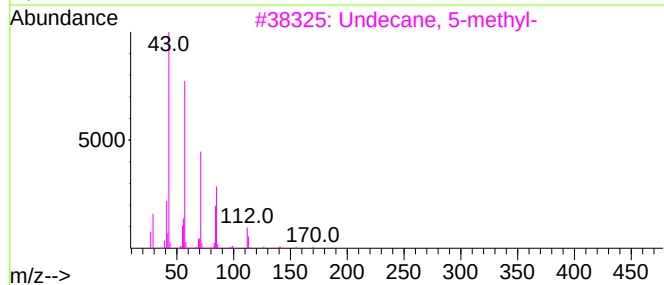
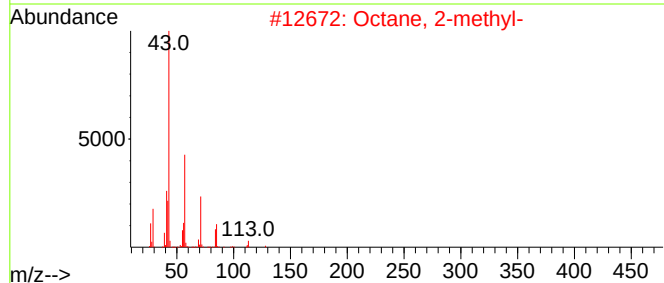
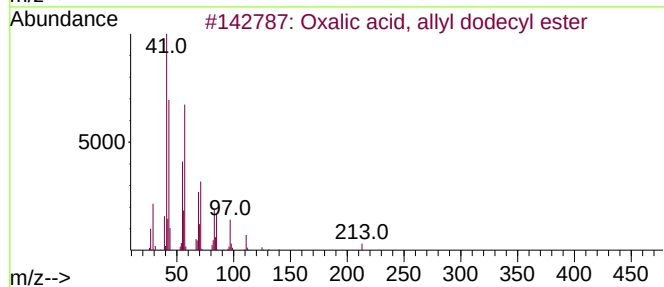
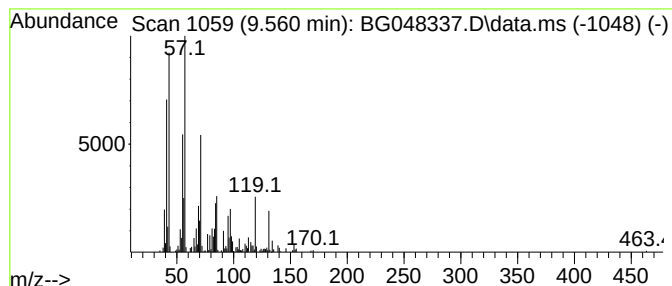
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG021021.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 Oxalic acid, allyl dodecyl ... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.560	24.27 ng	578969	Naphthalene-d8	10.924

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Oxalic acid, allyl dodecyl ester	298	C17H30O4	1000309-24-0	52
2			Octane, 2-methyl-	128	C9H20	003221-61-2	49
3			Undecane, 5-methyl-	170	C12H26	001632-70-8	46
4			Dodecane	170	C12H26	000112-40-3	45
5			Nonane, 5-(1-methylpropyl)-	184	C13H28	062185-54-0	43



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG030421\
Data File : BG048337.D
Acq On : 4 Mar 2021 20:50
Operator : CG/JU
Sample : M1540-01 5X
Misc :
ALS Vial : 16 Sample Multiplier: 1

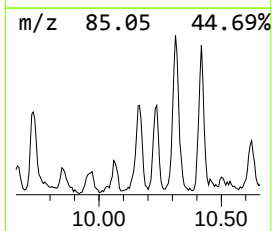
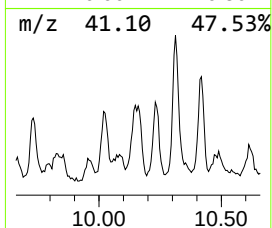
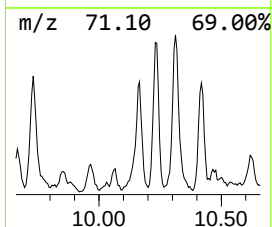
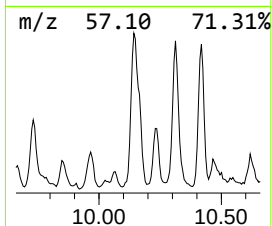
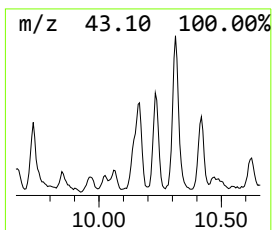
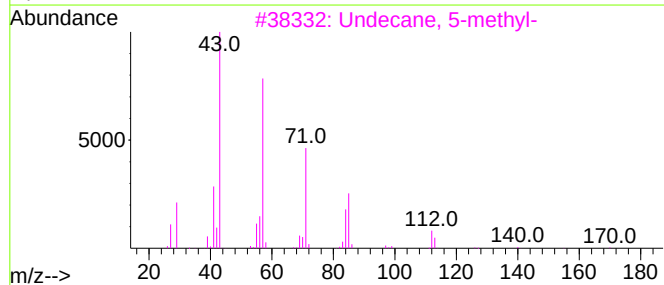
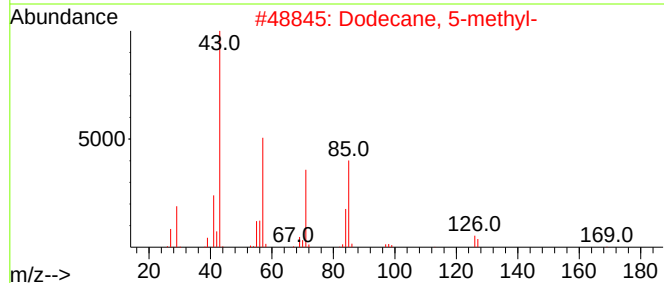
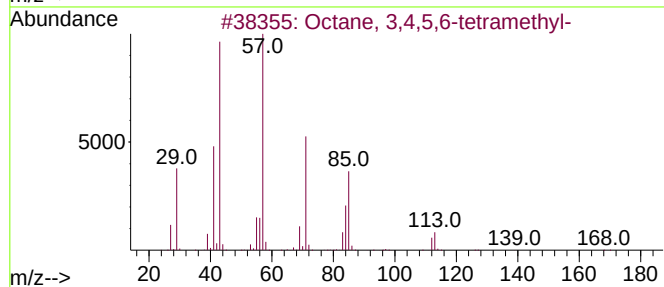
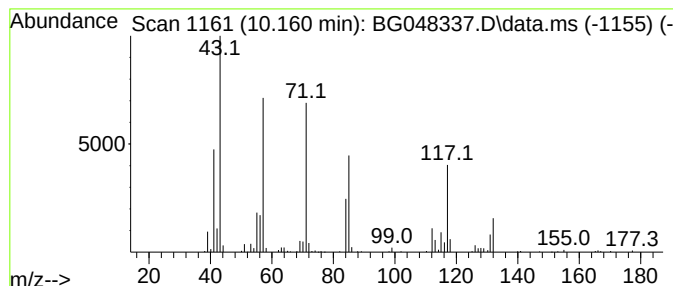
Instrument :
BNA_G
ClientSampleId :
PR-01-030221

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG021021.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 unknown10.160 Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.	
10.160	26.61 ng	634632	Naphthalene-d8	10.924	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 3,4,5,6-tetramethyl-	170	C12H26	062185-21-1	47
2	Dodecane, 5-methyl-	184	C13H28	017453-93-9	43
3	Undecane, 5-methyl-	170	C12H26	001632-70-8	38
4	Hexane, 3,3-dimethyl-	114	C8H18	000563-16-6	35
5	Hexane, 2,3,5-trimethyl-	128	C9H20	001069-53-0	30



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG030421\
Data File : BG048337.D
Acq On : 4 Mar 2021 20:50
Operator : CG/JU
Sample : M1540-01 5X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PR-01-030221

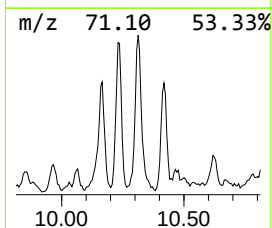
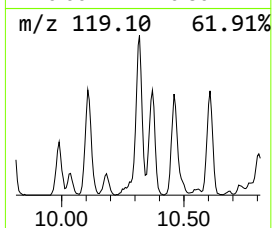
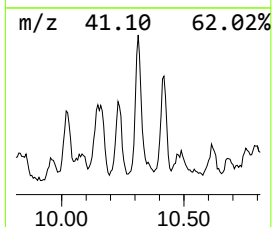
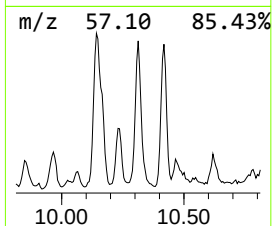
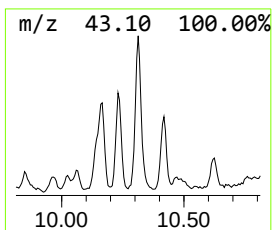
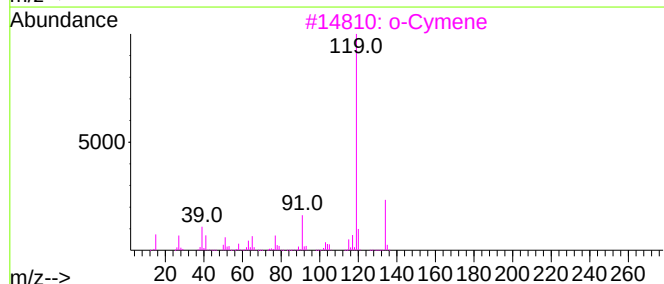
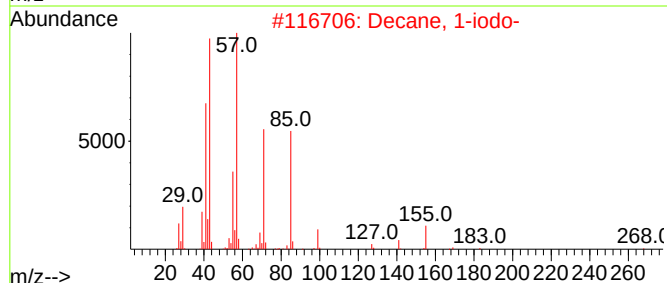
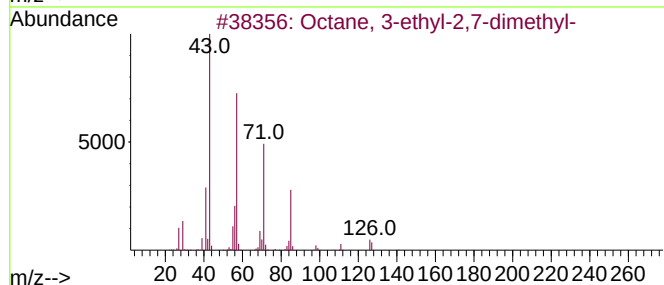
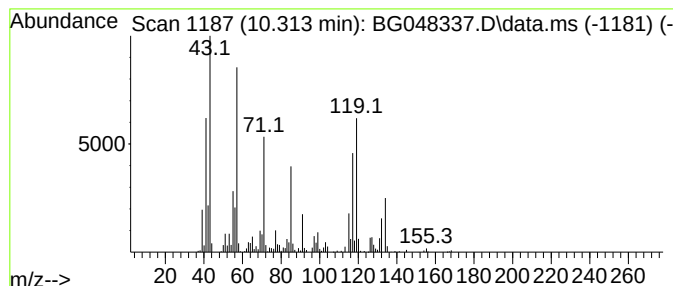
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG021021.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 unknown10.313 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.313	45.43 ng	1083560	Naphthalene-d8	10.924

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 3-ethyl-2,7-dimethyl-	170	C12H26	062183-55-5	38		
2	Decane, 1-iodo-	268	C10H21I	002050-77-3	38		
3	o-Cymene	134	C10H14	000527-84-4	25		
4	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	25		
5	p-Cymene	134	C10H14	000099-87-6	25		



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG030421\
Data File : BG048337.D
Acq On : 4 Mar 2021 20:50
Operator : CG/JU
Sample : M1540-01 5X
Misc :
ALS Vial : 16 Sample Multiplier: 1

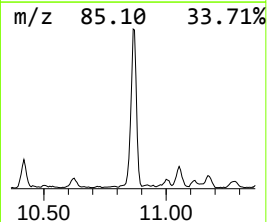
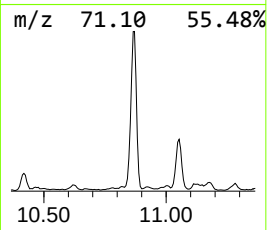
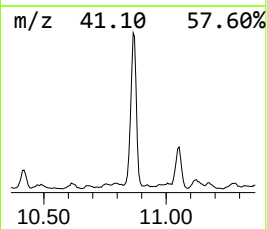
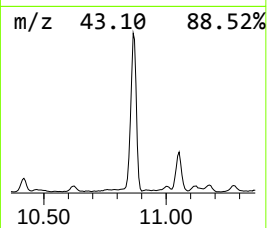
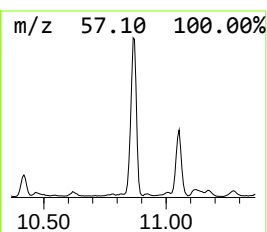
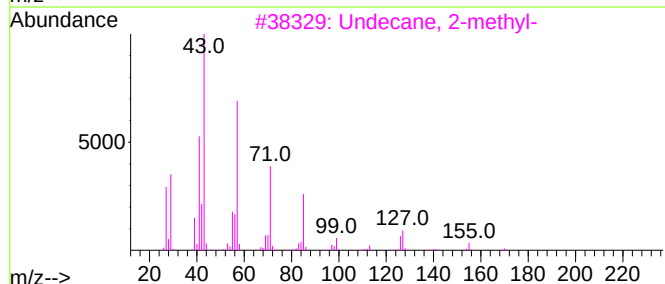
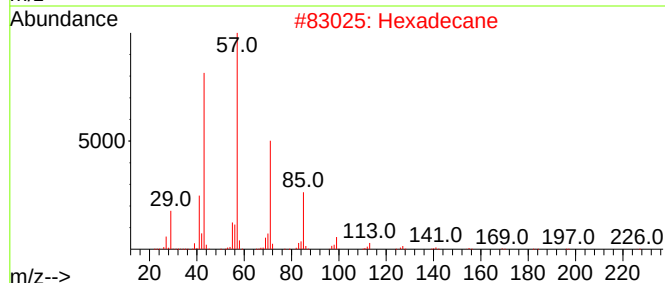
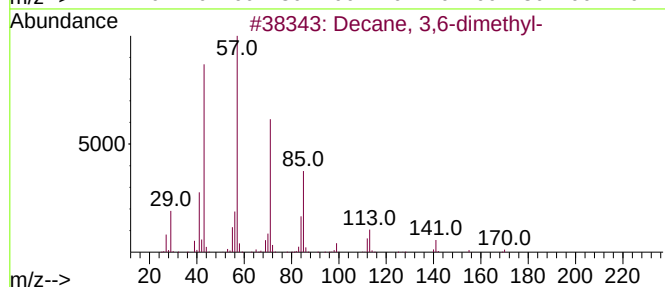
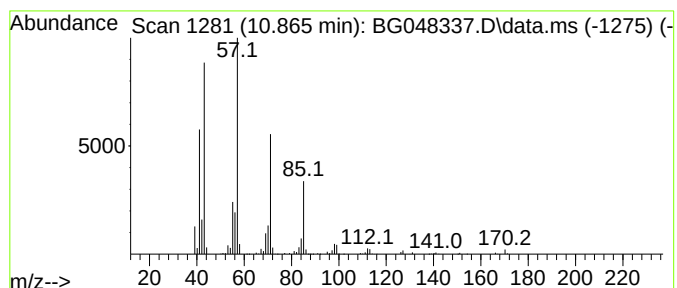
Instrument :
BNA_G
ClientSampleId :
PR-01-030221

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG021021.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Decane, 3,6-dimethyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.	
10.865	178.66 ng	4261010	Naphthalene-d8	10.924	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane, 3,6-dimethyl-	170	C12H26	017312-53-7	80
2	Hexadecane	226	C16H34	000544-76-3	72
3	Undecane, 2-methyl-	170	C12H26	007045-71-8	72
4	Octadecane	254	C18H38	000593-45-3	72
5	1-Iodo-2-methylnonane	268	C10H21I	1000101-47-9	64



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG030421\
Data File : BG048337.D
Acq On : 4 Mar 2021 20:50
Operator : CG/JU
Sample : M1540-01 5X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PR-01-030221

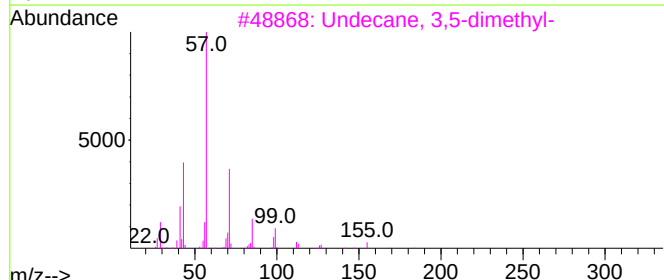
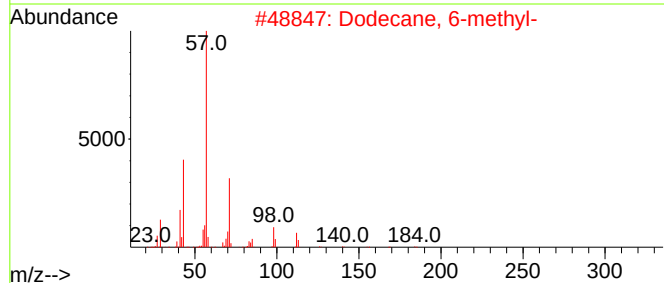
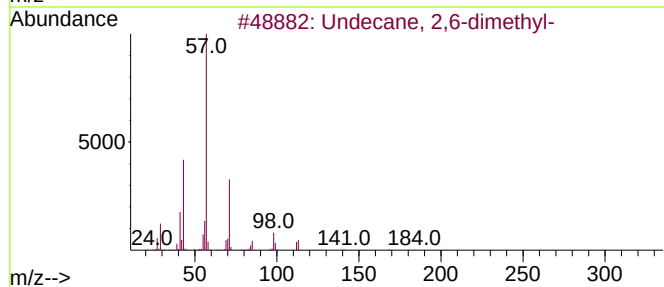
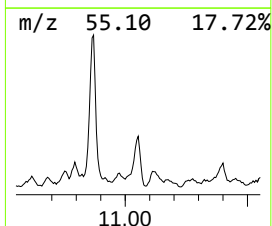
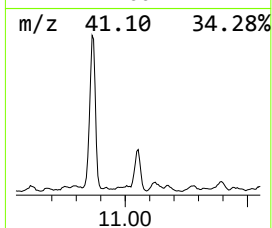
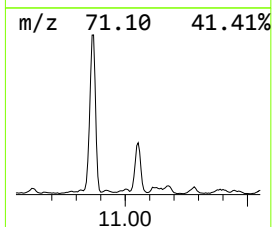
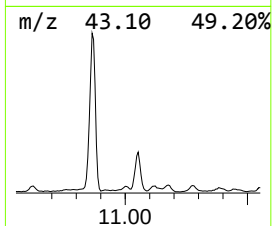
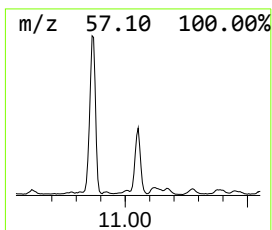
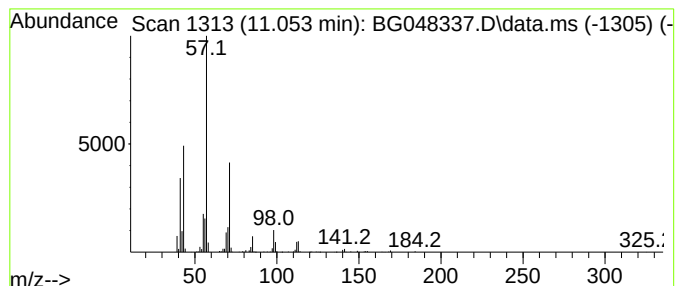
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG021021.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Undecane, 2,6-dimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.053	64.19 ng	1530920	Naphthalene-d8	10.924

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	95
2			Dodecane, 6-methyl-	184	C13H28	006044-71-9	90
3			Undecane, 3,5-dimethyl-	184	C13H28	017312-81-1	86
4			Decane, 2,6,8-trimethyl-	184	C13H28	062108-26-3	83
5			Sulfurous acid, decyl 2-ethylhex...	334	C18H38O3S	1000309-19-3	72



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG030421\
Data File : BG048337.D
Acq On : 4 Mar 2021 20:50
Operator : CG/JU
Sample : M1540-01 5X
Misc :
ALS Vial : 16 Sample Multiplier: 1

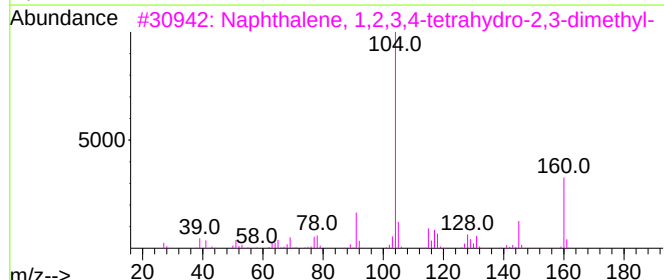
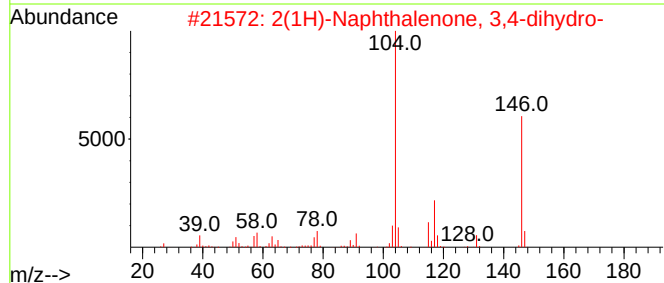
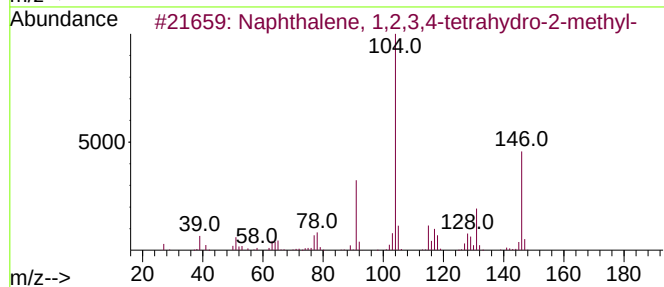
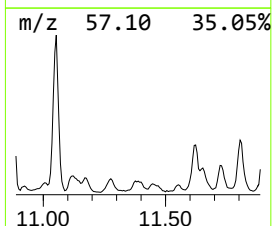
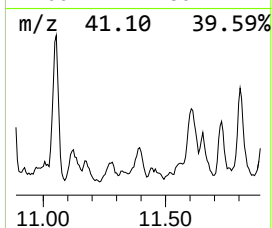
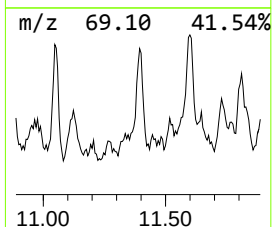
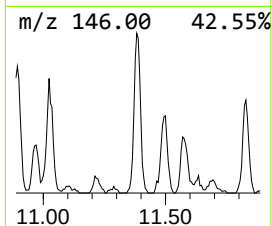
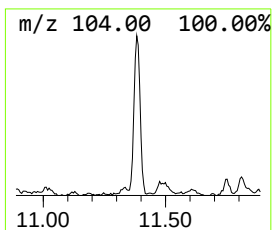
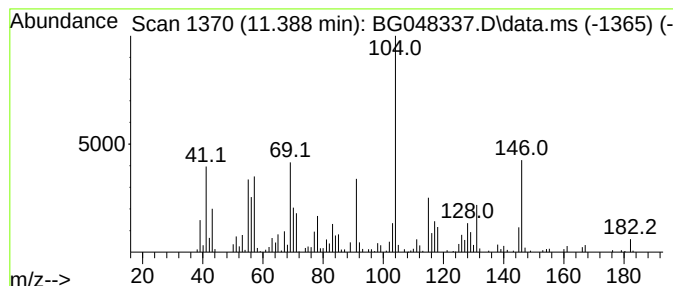
Instrument :
BNA_G
ClientSampleId :
PR-01-030221

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG021021.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Naphthalene, 1,2,3,4-tetrahydro-... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.388	22.86 ng	545204	Naphthalene-d8	10.924	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	003877-19-8	87
2	2(1H)-Naphthalenone, 3,4-dihydro-	146	C10H10O	000530-93-8	53
3	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	021564-92-1	50
4	Naphth[1,2-b]oxirene, 1a,2,3,7b-...	146	C10H10O	002461-34-9	50
5	2-Methylbenzyl cyanide	131	C9H9N	022364-68-7	45



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG030421\
Data File : BG048337.D
Acq On : 4 Mar 2021 20:50
Operator : CG/JU
Sample : M1540-01 5X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PR-01-030221

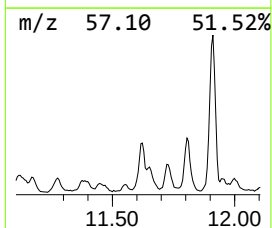
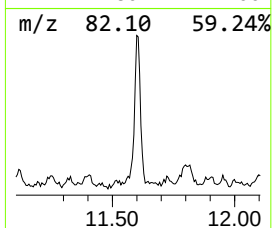
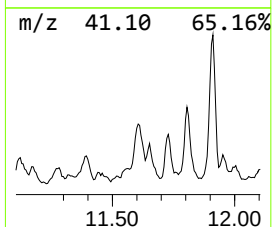
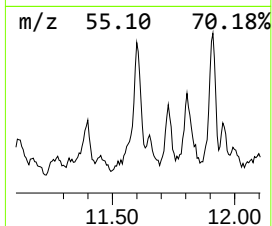
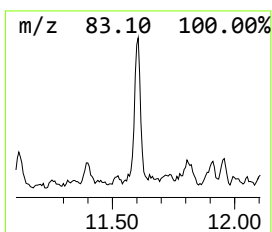
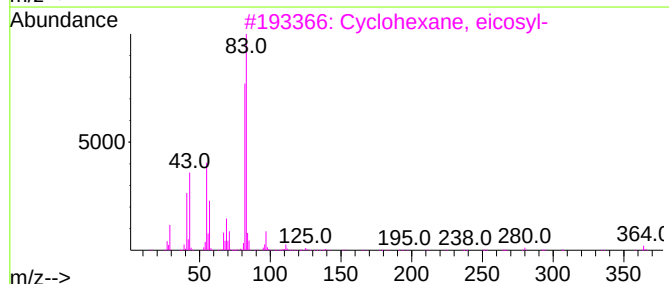
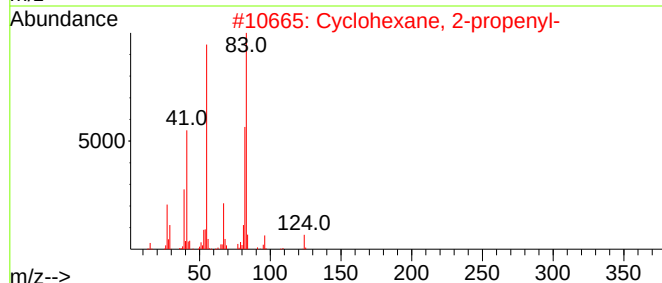
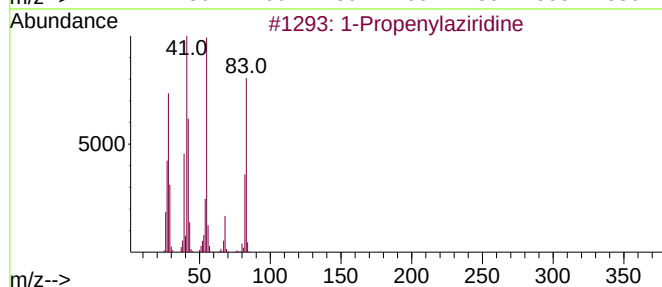
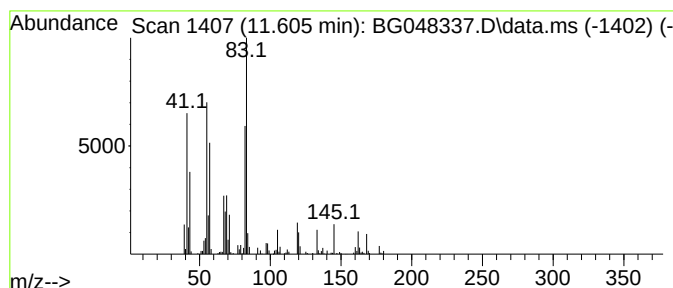
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG021021.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 1-Propenylaziridine Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.605	23.27 ng	555047	Naphthalene-d8	10.924

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1-Propenylaziridine	83	C5H9N	1000192-51-0	53
2			Cyclohexane, 2-propenyl-	124	C9H16	002114-42-3	50
3			Cyclohexane, eicosyl-	364	C26H52	004443-55-4	50
4			Cyclohexane, propyl-	126	C9H18	001678-92-8	50
5			Cyclohexane, hexyl-	168	C12H24	004292-75-5	50



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG030421\
Data File : BG048337.D
Acq On : 4 Mar 2021 20:50
Operator : CG/JU
Sample : M1540-01 5X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PR-01-030221

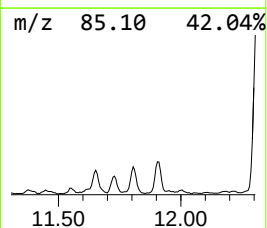
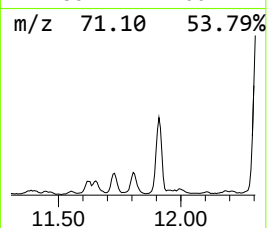
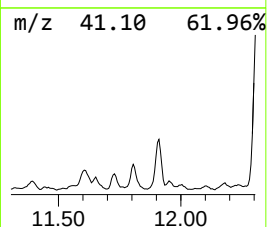
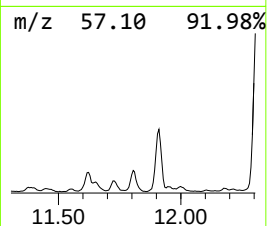
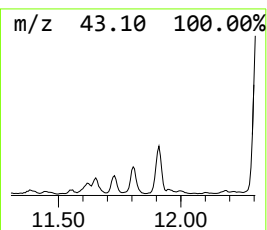
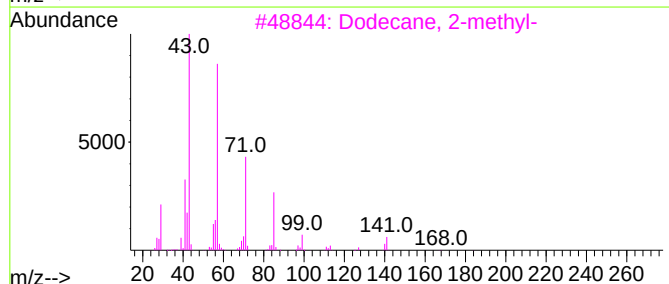
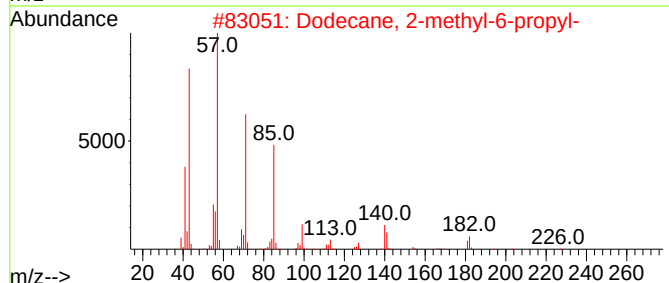
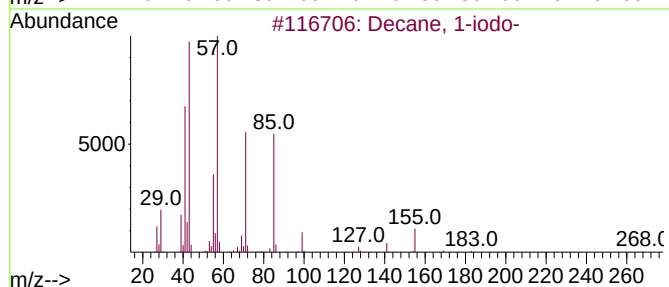
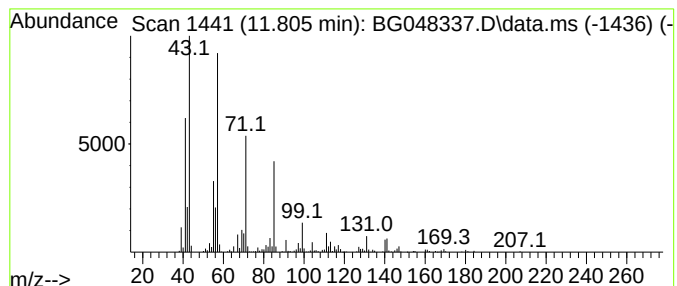
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG021021.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Decane, 1-iodo- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.805	35.64 ng	849973	Naphthalene-d8	10.924

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Decane, 1-iodo-	268	C10H21I	002050-77-3	64
2			Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	64
3			Dodecane, 2-methyl-	184	C13H28	001560-97-0	64
4			Undecane, 2-methyl-	170	C12H26	007045-71-8	64
5			2-Bromotetradecane	276	C14H29Br	074036-95-6	64



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG030421\
Data File : BG048337.D
Acq On : 4 Mar 2021 20:50
Operator : CG/JU
Sample : M1540-01 5X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PR-01-030221

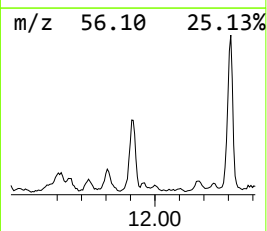
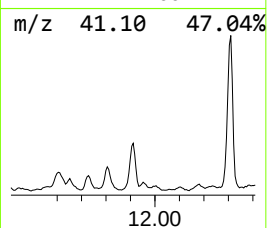
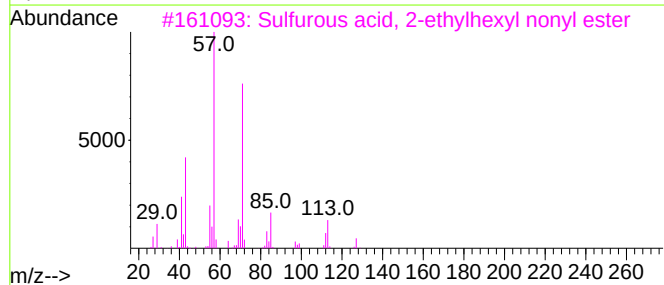
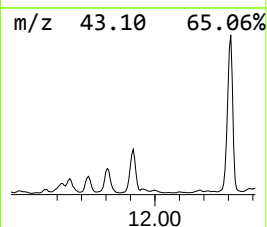
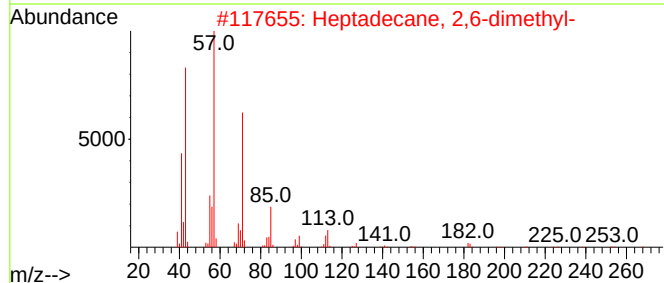
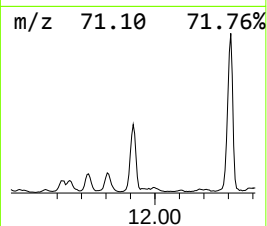
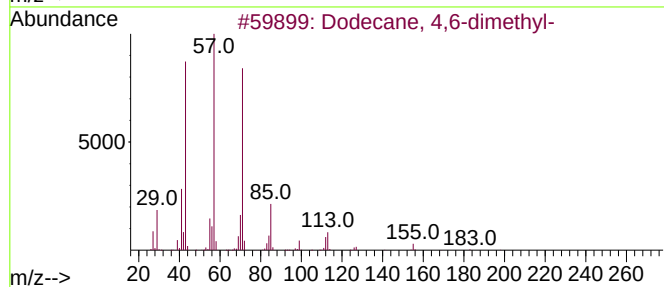
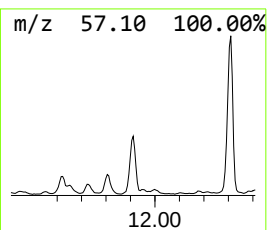
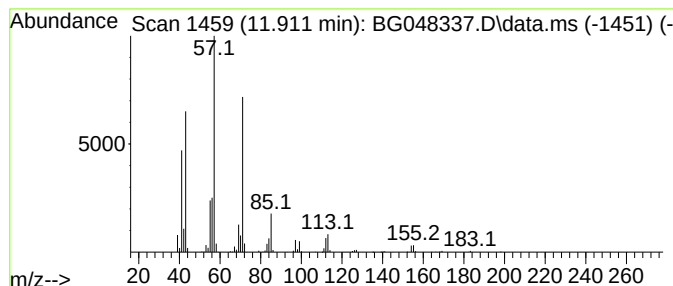
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG021021.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Dodecane, 4,6-dimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.911	61.60 ng	1469210	Naphthalene-d8	10.924

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Dodecane, 4,6-dimethyl-	198	C14H30	061141-72-8	90
2			Heptadecane, 2,6-dimethyl-	268	C19H40	054105-67-8	80
3			Sulfurous acid, 2-ethylhexyl non...	320	C17H36O3S	1000309-19-2	72
4			Decane, 2-methyl-	156	C11H24	006975-98-0	72
5			Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	72



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG030421\
Data File : BG048337.D
Acq On : 4 Mar 2021 20:50
Operator : CG/JU
Sample : M1540-01 5X
Misc :
ALS Vial : 16 Sample Multiplier: 1

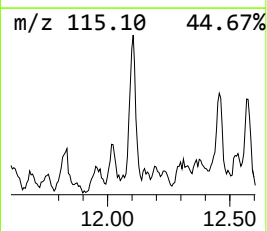
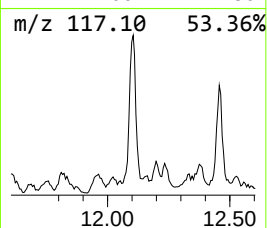
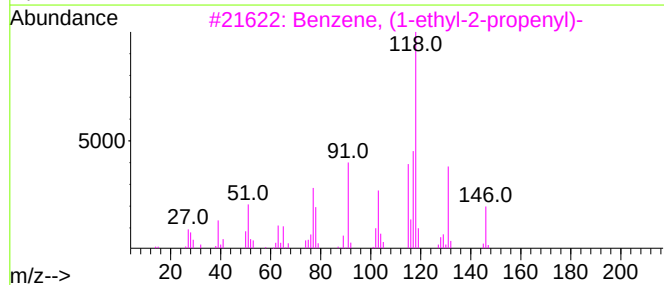
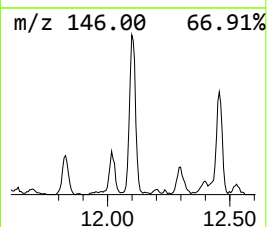
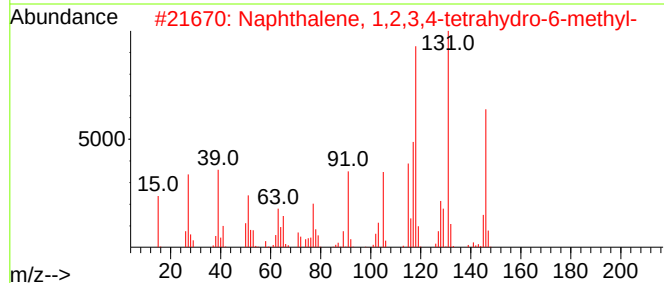
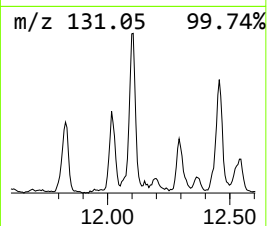
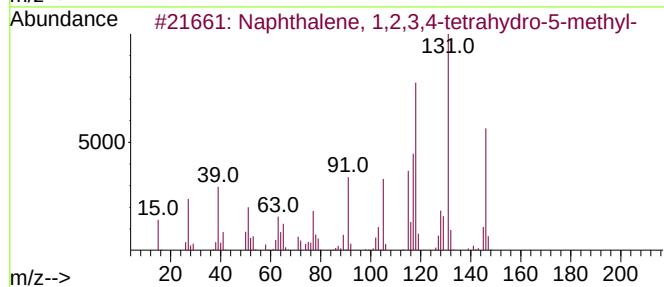
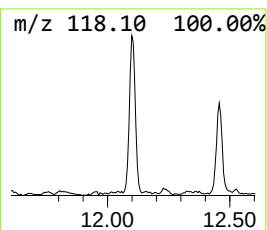
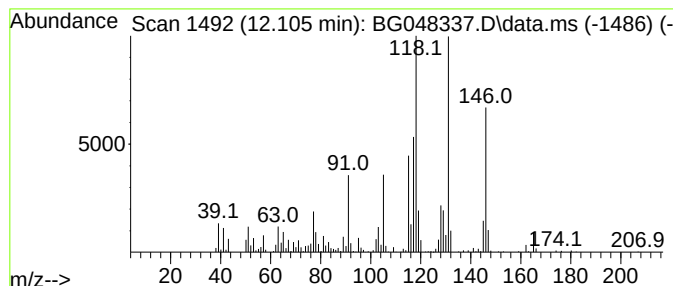
Instrument :
BNA_G
ClientSampleId :
PR-01-030221

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG021021.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Naphthalene, 1,2,3,4-tetrahydro-... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.	
12.105	28.51 ng	680044	Naphthalene-d8	10.924	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	002809-64-5	95
2	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001680-51-9	93
3	Benzene, (1-ethyl-2-propenyl)-	146	C11H14	019947-22-9	87
4	Benzene, (1,2-dimethyl-1-propenyl)-	146	C11H14	000769-57-3	86
5	1H-1,3,2-Benzodiazaborole, 2-eth...	146	C8H11BN2	074663-81-3	62



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG030421\
Data File : BG048337.D
Acq On : 4 Mar 2021 20:50
Operator : CG/JU
Sample : M1540-01 5X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PR-01-030221

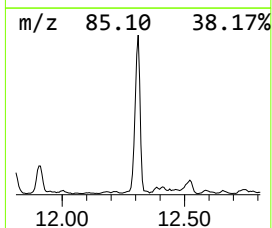
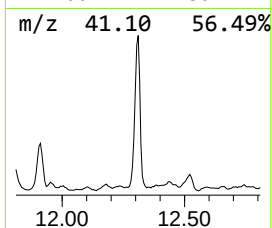
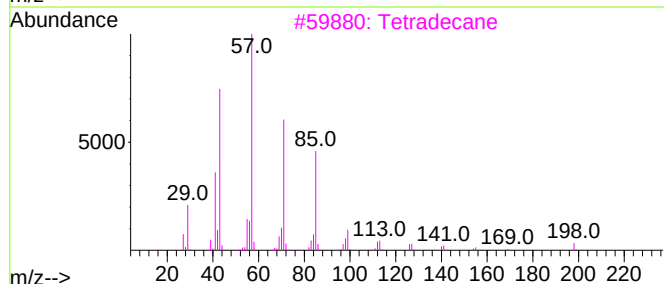
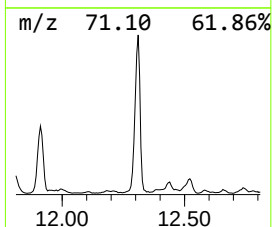
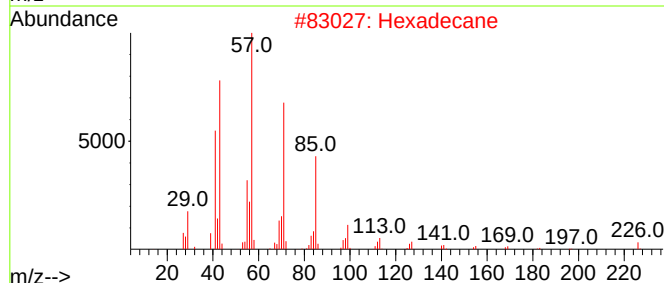
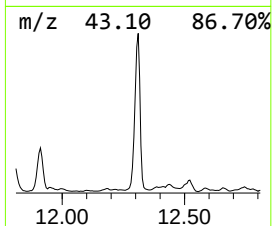
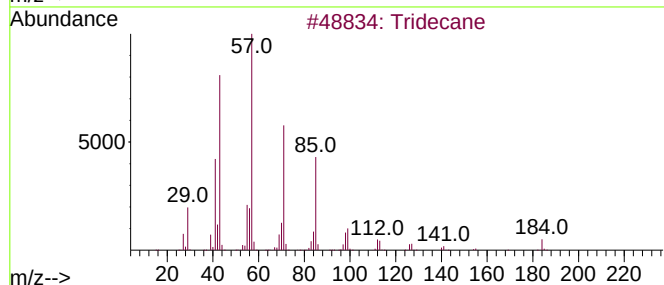
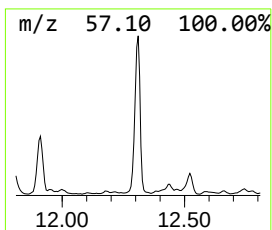
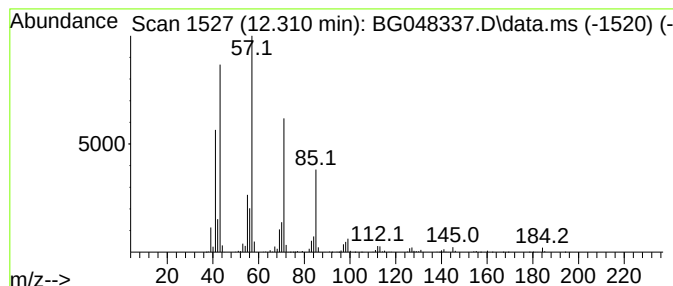
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG021021.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Tridecane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.310	172.02 ng	4102840	Naphthalene-d8	10.924

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Tridecane	184	C13H28	000629-50-5	97
2		Hexadecane	226	C16H34	000544-76-3	90
3		Tetradecane	198	C14H30	000629-59-4	80
4		Dodecane, 2-methyl-	184	C13H28	001560-97-0	74
5		Nonane, 5-butyl-	184	C13H28	017312-63-9	59



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG030421\
Data File : BG048337.D
Acq On : 4 Mar 2021 20:50
Operator : CG/JU
Sample : M1540-01 5X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PR-01-030221

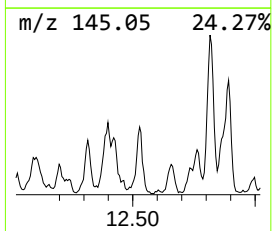
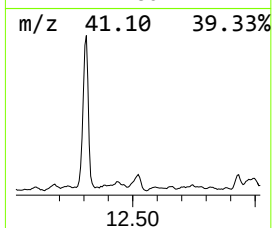
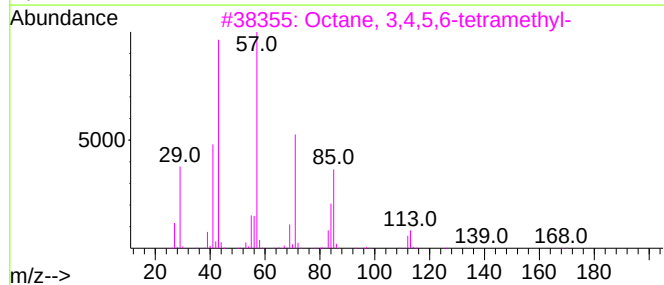
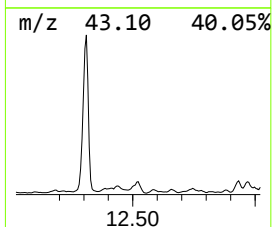
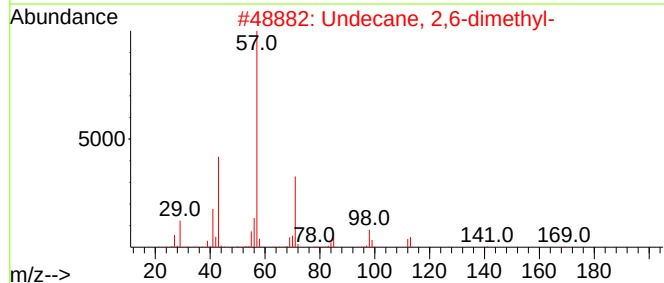
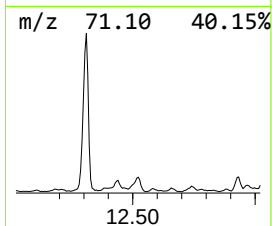
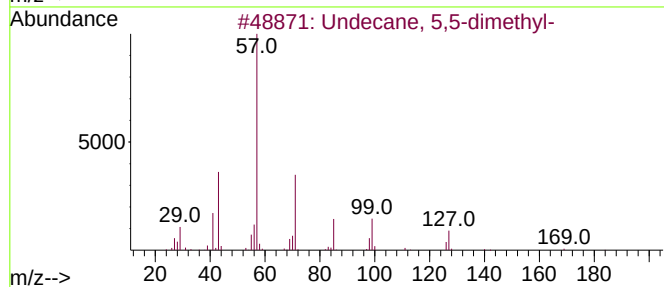
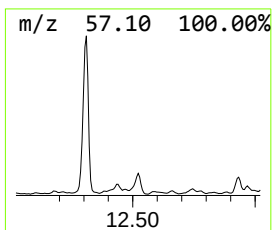
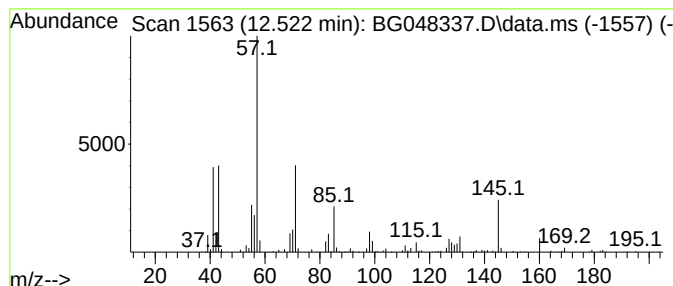
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG021021.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 Undecane, 5,5-dimethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.522	27.33 ng	651726	Naphthalene-d8	10.924

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Undecane, 5,5-dimethyl-	184	C13H28	017312-73-1	52
2			Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	49
3			Octane, 3,4,5,6-tetramethyl-	170	C12H26	062185-21-1	47
4			Dodecane, 6-methyl-	184	C13H28	006044-71-9	43
5			Tridecane	184	C13H28	000629-50-5	38



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG030421\
Data File : BG048337.D
Acq On : 4 Mar 2021 20:50
Operator : CG/JU
Sample : M1540-01 5X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PR-01-030221

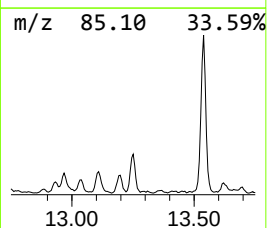
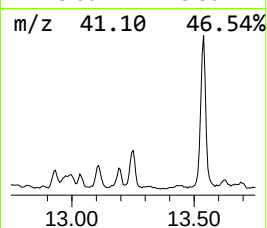
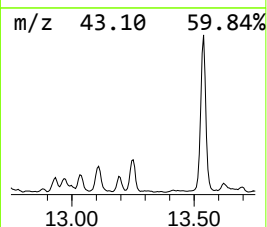
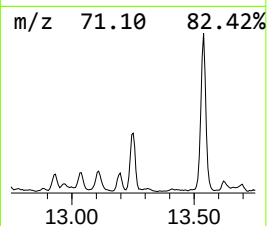
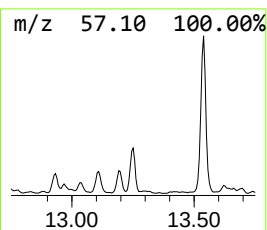
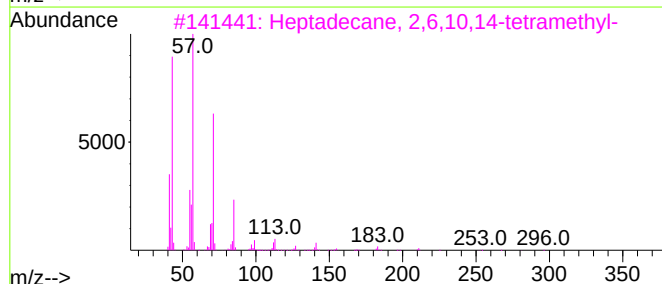
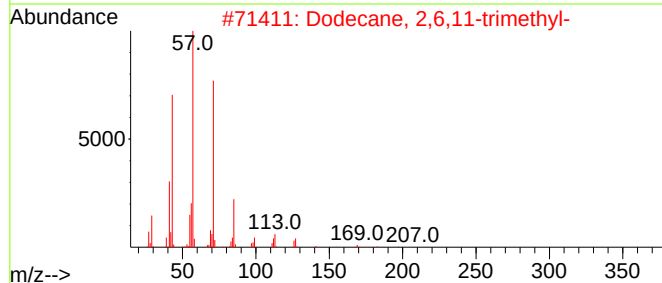
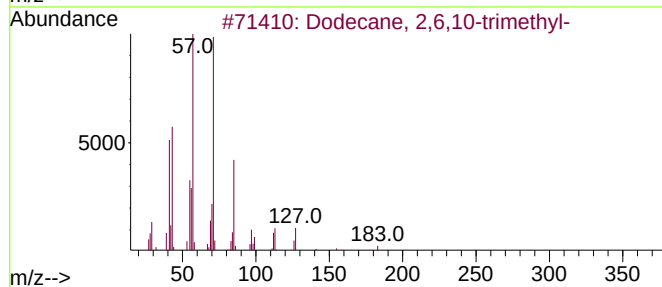
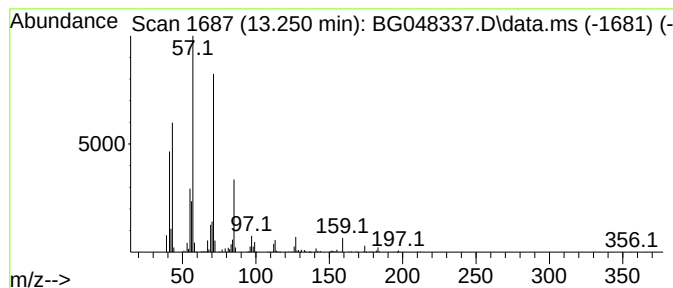
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG021021.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 Dodecane, 2,6,10-trimethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.250	33.24 ng	952500	Acenaphthene-d10	14.737

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	90
2			Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	86
3			Heptadecane, 2,6,10,14-tetramethyl-	296	C21H44	018344-37-1	83
4			Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	64
5			Undecane, 6-ethyl-	184	C13H28	017312-60-6	59



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG030421\
Data File : BG048337.D
Acq On : 4 Mar 2021 20:50
Operator : CG/JU
Sample : M1540-01 5X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PR-01-030221

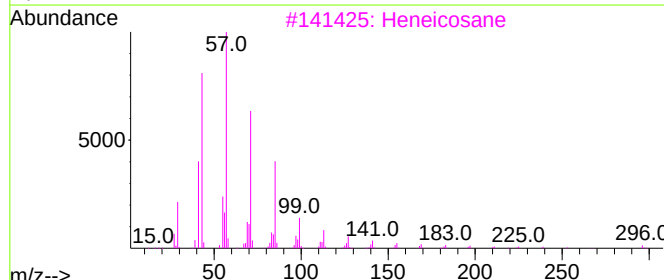
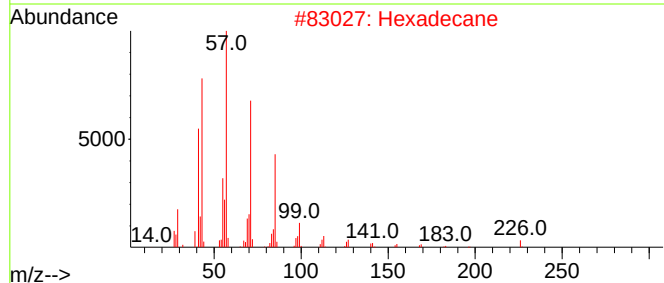
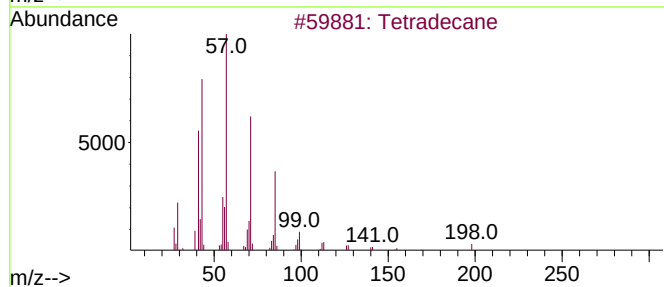
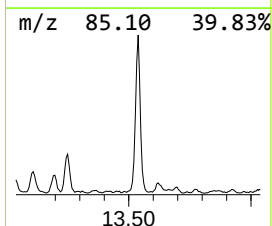
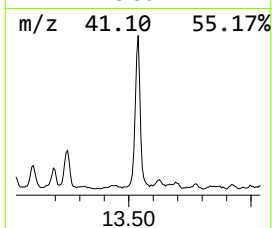
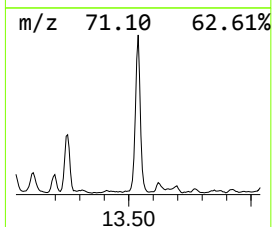
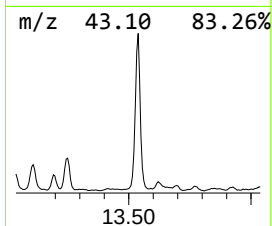
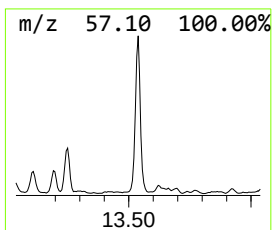
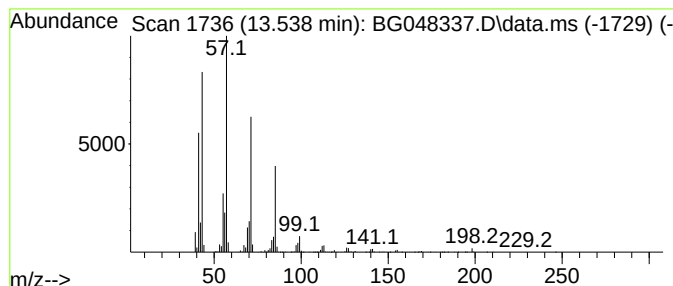
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG021021.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 Tetradecane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.538	116.04 ng	3325410	Acenaphthene-d10	14.737

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Tetradecane	198	C14H30	000629-59-4	96
2		Hexadecane	226	C16H34	000544-76-3	91
3		Heneicosane	296	C21H44	000629-94-7	83
4		Octacosane	394	C28H58	000630-02-4	72
5		Sulfurous acid, 2-ethylhexyl iso...	278	C14H30O3S	1000309-19-0	72



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG030421\
Data File : BG048337.D
Acq On : 4 Mar 2021 20:50
Operator : CG/JU
Sample : M1540-01 5X
Misc :
ALS Vial : 16 Sample Multiplier: 1

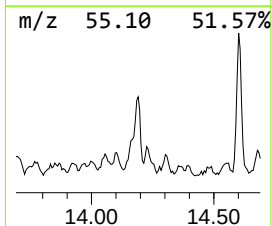
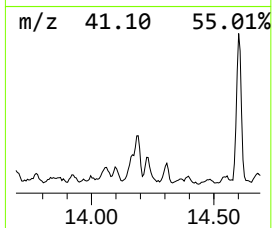
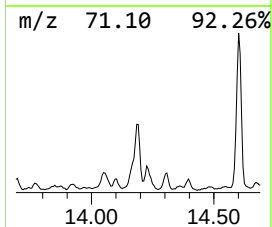
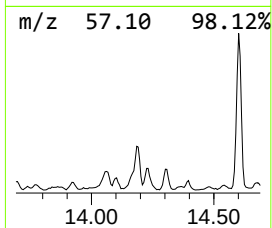
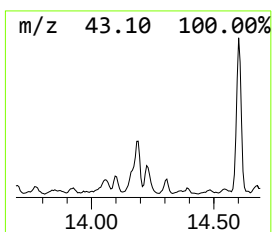
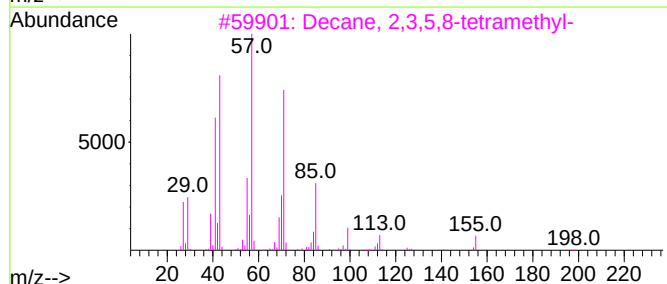
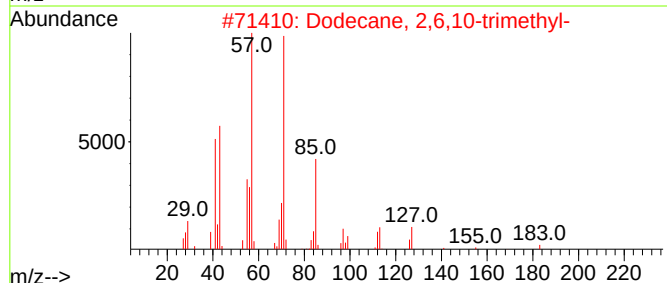
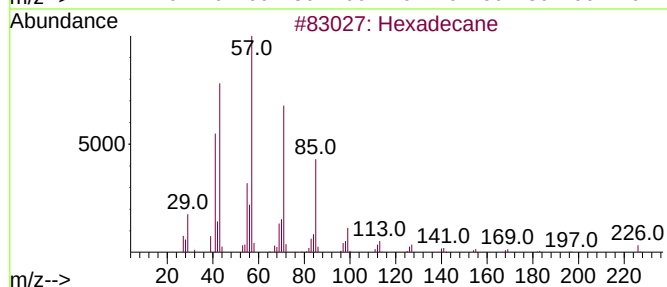
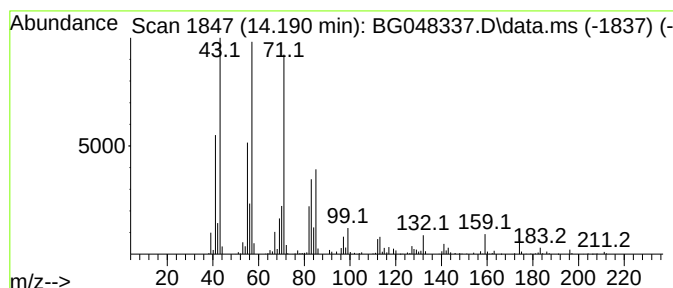
Instrument :
BNA_G
ClientSampleId :
PR-01-030221

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG021021.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 Hexadecane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.	
14.190	40.12 ng	1149830	Acenaphthene-d10	14.737	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	68
2	Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	68
3	Decane, 2,3,5,8-tetramethyl-	198	C14H30	192823-15-7	64
4	Nonane, 4-methyl-5-propyl-	184	C13H28	062185-55-1	55
5	Decane, 5-propyl-	184	C13H28	017312-62-8	53



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG030421\
Data File : BG048337.D
Acq On : 4 Mar 2021 20:50
Operator : CG/JU
Sample : M1540-01 5X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PR-01-030221

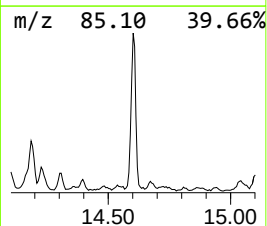
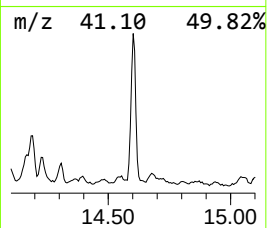
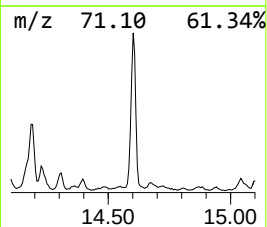
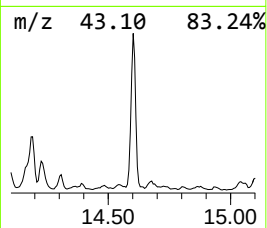
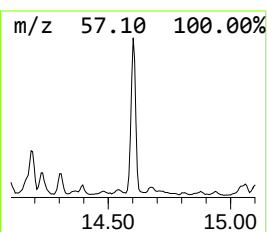
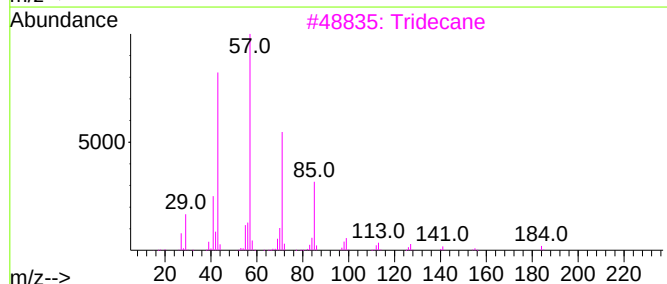
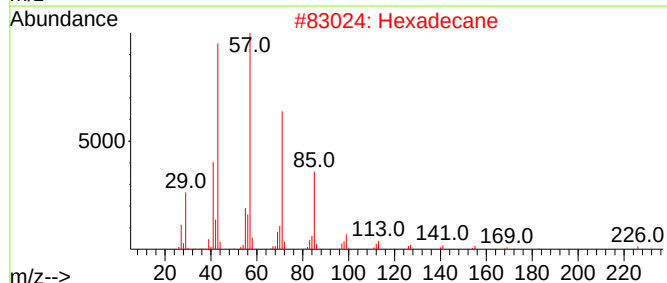
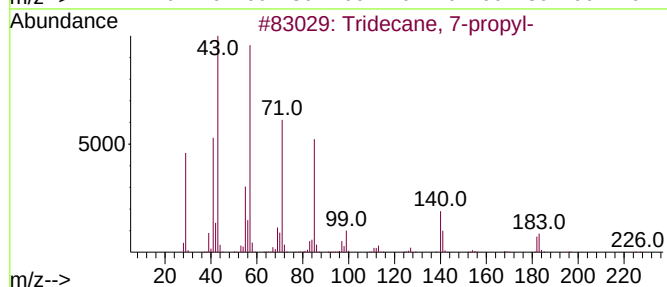
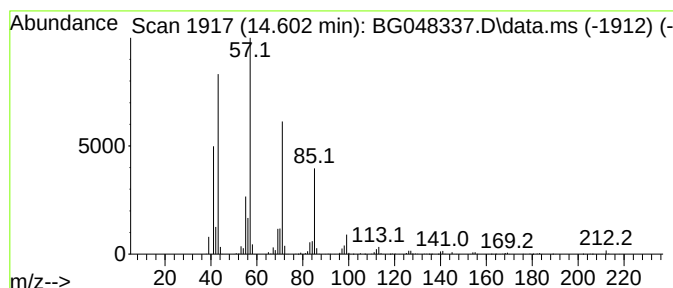
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG021021.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 Tridecane, 7-propyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.602	65.37 ng	1873220	Acenaphthene-d10	14.737

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tridecane, 7-propyl-	226	C16H34	055045-09-5	90
2			Hexadecane	226	C16H34	000544-76-3	86
3			Tridecane	184	C13H28	000629-50-5	80
4			Tetradecane	198	C14H30	000629-59-4	80
5			Sulfurous acid, 2-ethylhexyl iso...	278	C14H30O3S	1000309-19-0	80



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG030421\
Data File : BG048337.D
Acq On : 4 Mar 2021 20:50
Operator : CG/JU
Sample : M1540-01 5X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PR-01-030221

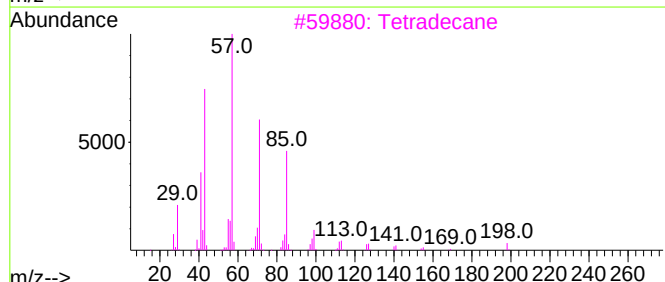
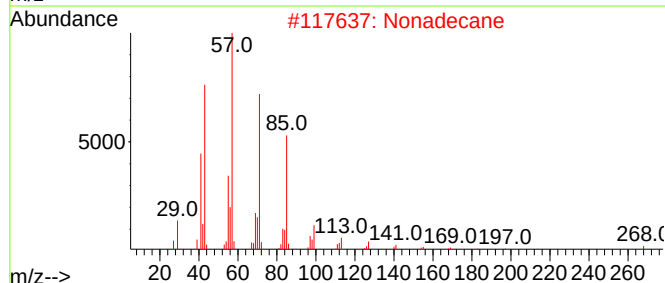
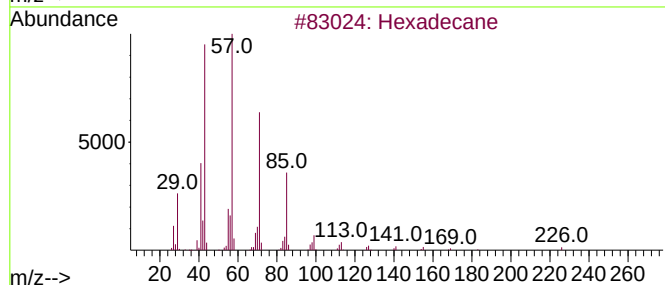
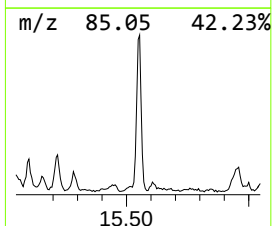
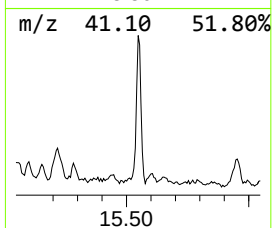
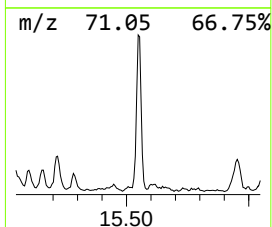
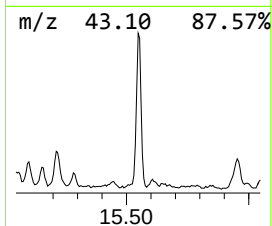
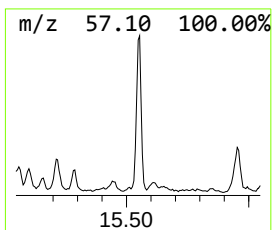
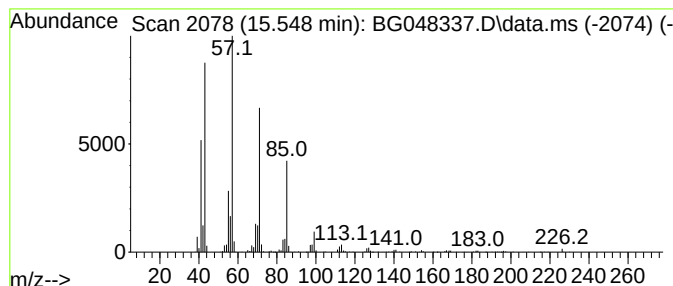
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG021021.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 Nonadecane Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.548	30.90 ng	885404	Acenaphthene-d10	14.737

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Hexadecane	226	C16H34	000544-76-3	96
2		Nonadecane	268	C19H40	000629-92-5	90
3		Tetradecane	198	C14H30	000629-59-4	78
4		Decane, 3-bromo-	220	C10H21Br	030571-71-2	72
5		Undecane, 3,8-dimethyl-	184	C13H28	017301-30-3	64



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG030421\
 Data File : BG048337.D
 Acq On : 4 Mar 2021 20:50
 Operator : CG/JU
 Sample : M1540-01 5X
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PR-01-030221

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG021021.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
Decane	7.704	33.5	ng	761687	1	8.109	454068	20.0
Benzene, 1,4-di...	8.738	31.9	ng	723179	1	8.109	454068	20.0
Benzene, 2-ethy...	9.202	22.1	ng	501366	1	8.109	454068	20.0
Oxalic acid, al...	9.560	24.3	ng	578969	2	10.924	477010	20.0
unknown10.160	10.160	26.6	ng	634632	2	10.924	477010	20.0
unknown10.313	10.313	45.4	ng	1083560	2	10.924	477010	20.0
Decane, 3,6-dim...	10.865	178.7	ng	4261010	2	10.924	477010	20.0
Undecane, 2,6-d...	11.053	64.2	ng	1530920	2	10.924	477010	20.0
Naphthalene, 1,...	11.388	22.9	ng	545204	2	10.924	477010	20.0
1-Propenylaziri...	11.605	23.3	ng	555047	2	10.924	477010	20.0
Decane, 1-iodo-	11.805	35.6	ng	849973	2	10.924	477010	20.0
Dodecane, 4,6-d...	11.911	61.6	ng	1469210	2	10.924	477010	20.0
Naphthalene, 1,...	12.105	28.5	ng	680044	2	10.924	477010	20.0
Tridecane	12.310	172.0	ng	4102840	2	10.924	477010	20.0
Undecane, 5,5-d...	12.522	27.3	ng	651726	2	10.924	477010	20.0
Dodecane, 2,6,1...	13.250	33.2	ng	952500	3	14.737	573128	20.0
Tetradecane	13.538	116.0	ng	3325410	3	14.737	573128	20.0
Hexadecane	14.190	40.1	ng	1149830	3	14.737	573128	20.0
Tridecane, 7-pr...	14.602	65.4	ng	1873220	3	14.737	573128	20.0
Nonadecane	15.548	30.9	ng	885404	3	14.737	573128	20.0