

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF031519\
 Data File : BF113063.D
 Acq On : 15 Mar 2019 14:03
 Operator : JU/SJ
 Sample : K1922-01
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ORG-031419

Integration Parameters: rteint.p
 Integrator: RTE
 Smoothing : ON
 Sampling : 1
 Start Thrs: 0.2
 Stop Thrs : 0
 Filtering: 5
 Min Area: 3 % of largest Peak
 Max Peaks: 100
 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-BF022719.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.693	264	273	282	rVB5	33783	84664	1.80%	0.148%
2	3.845	290	299	305	rBV	32760	62124	1.32%	0.109%
3	4.004	313	326	331	rBV4	32774	71324	1.51%	0.125%
4	4.340	377	383	391	rVB2	66018	102045	2.17%	0.179%
5	4.857	467	471	475	rVB2	50195	63718	1.35%	0.112%
6	5.134	514	518	521	rBV	60973	64283	1.36%	0.113%
7	5.222	530	533	535	rBV	65138	64858	1.38%	0.114%
8	5.245	535	537	541	rVB	79259	73082	1.55%	0.128%
9	5.345	548	554	558	rBV	3578389	3974819	84.34%	6.957%
10	5.640	601	604	609	rVB	121450	122289	2.59%	0.214%
11	5.751	617	623	627	rVB2	48664	69255	1.47%	0.121%
12	5.887	640	646	650	rVB2	91063	98812	2.10%	0.173%
13	5.939	650	655	660	rBV2	40638	64010	1.36%	0.112%
14	5.987	660	663	669	rVB	165918	190741	4.05%	0.334%
15	6.039	669	672	675	rBV2	60412	64578	1.37%	0.113%
16	6.175	689	695	700	rBV4	81102	128404	2.72%	0.225%
17	6.234	700	705	708	rBV2	128991	150084	3.18%	0.263%
18	6.269	708	711	713	rBV	139195	129388	2.75%	0.226%
19	6.328	718	721	724	rBV2	164816	144303	3.06%	0.253%
20	6.375	724	729	733	rBV	3723410	4248430	90.14%	7.436%
21	6.504	746	751	754	rVB	4017761	4108678	87.18%	7.192%
22	6.563	757	761	762	rBV2	186447	203100	4.31%	0.356%
23	6.728	786	789	792	rBV	1206311	976520	20.72%	1.709%
24	6.757	792	794	797	rVB2	188854	155169	3.29%	0.272%
25	6.792	797	800	803	rBV2	89090	109165	2.32%	0.191%
26	6.886	812	816	819	rVB	3628873	3210709	68.13%	5.620%
27	6.981	827	832	834	rBV2	84143	94600	2.01%	0.166%
28	7.016	834	838	841	rVB2	149000	155423	3.30%	0.272%
29	7.051	841	844	846	rVB2	204584	171482	3.64%	0.300%
30	7.081	846	849	853	rVB	162859	149921	3.18%	0.262%
31	7.128	853	857	860	rBV	201950	178694	3.79%	0.313%
32	7.286	875	884	890	rBV	2549138	3080682	65.37%	5.392%
33	7.333	890	892	895	rVV	170906	155373	3.30%	0.272%
34	7.381	895	900	903	rVV4	101857	136430	2.89%	0.239%

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 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	7.416	903	906	909	rVV2	58669	73528	1.56%	0.129%
36	7.451	909	912	914	rVV2	67089	74477	1.58%	0.130%
37	7.504	915	921	923	rVV2	217386	252957	5.37%	0.443%
38	7.528	923	925	929	rVB2	189193	192303	4.08%	0.337%
39	7.622	935	941	942	rBV3	81760	90914	1.93%	0.159%
40	7.669	946	949	953	rVV3	96089	146319	3.10%	0.256%
41	7.704	953	955	958	rVV2	109155	110740	2.35%	0.194%
42	7.751	958	963	965	rVV3	253108	336190	7.13%	0.588%
43	7.775	965	967	972	rVV2	107107	165159	3.50%	0.289%
44	7.816	972	974	976	rVV2	92756	92634	1.97%	0.162%
45	7.833	976	977	982	rVB3	106217	92819	1.97%	0.162%
46	7.886	982	986	990	rBV	104352	103090	2.19%	0.180%
47	7.957	994	998	999	rBV3	64680	65893	1.40%	0.115%
48	8.004	1002	1006	1009	rVV	1399610	1496640	31.76%	2.620%
49	8.028	1009	1010	1014	rVV	231099	257222	5.46%	0.450%
50	8.057	1014	1015	1017	rVV	138471	105236	2.23%	0.184%
51	8.081	1017	1019	1021	rVV	142953	127090	2.70%	0.222%
52	8.104	1021	1023	1026	rVB	98917	80853	1.72%	0.142%
53	8.186	1031	1037	1040	rBV4	60681	93644	1.99%	0.164%
54	8.398	1070	1073	1076	rBV	154526	139243	2.95%	0.244%
55	8.439	1078	1080	1084	rBV2	123202	129335	2.74%	0.226%
56	8.475	1084	1086	1090	rVB	75982	69437	1.47%	0.122%
57	8.610	1105	1109	1113	rBV2	144160	155918	3.31%	0.273%
58	8.716	1122	1127	1131	rVB3	83173	123320	2.62%	0.216%
59	8.816	1140	1144	1148	rBV	119246	115075	2.44%	0.201%
60	9.039	1180	1182	1185	rVB	96632	73298	1.56%	0.128%
61	9.086	1185	1190	1193	rBV	4657914	4429961	94.00%	7.754%
62	9.175	1201	1205	1209	rVB4	78587	91176	1.93%	0.160%
63	9.345	1228	1234	1240	rBV3	82287	168166	3.57%	0.294%
64	9.422	1243	1247	1249	rBV	99894	110977	2.35%	0.194%
65	9.445	1249	1251	1253	rVB	89874	65597	1.39%	0.115%
66	9.475	1253	1256	1258	rBV	302672	264233	5.61%	0.463%
67	9.757	1298	1304	1309	rBV	1623408	1493633	31.69%	2.614%
68	9.798	1309	1311	1314	rVB	76263	63178	1.34%	0.111%
69	9.963	1336	1339	1343	rBV2	57131	67742	1.44%	0.119%
70	10.304	1394	1397	1399	rBV2	64221	61267	1.30%	0.107%
71	10.545	1433	1438	1446	rBV	3338947	3452974	73.27%	6.044%

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72	10.916	1496	1501	1507	rBV2	149094	177666	3.77%	0.311%
73	11.233	1551	1555	1561	rBV	1687876	1666290	35.36%	2.917%
74	11.351	1572	1575	1582	rBV2	126189	151039	3.20%	0.264%
75	11.698	1630	1634	1638	rBV	295164	316810	6.72%	0.555%
76	11.780	1643	1648	1656	rVV	1411630	1632762	34.64%	2.858%
77	11.845	1657	1659	1669	rVB4	69245	140115	2.97%	0.245%
78	12.439	1757	1760	1763	rBV	307587	314194	6.67%	0.550%
79	12.474	1763	1766	1776	rVV2	177926	336237	7.13%	0.589%
80	12.557	1776	1780	1793	rVV	425803	553384	11.74%	0.969%
81	12.668	1793	1799	1802	rVV	259081	280532	5.95%	0.491%
82	12.821	1820	1825	1828	rBV	4617986	4712932	100.00%	8.249%
83	13.057	1863	1865	1869	rVB3	72533	77145	1.64%	0.135%
84	13.398	1920	1923	1925	rVB	77011	63858	1.35%	0.112%
85	13.721	1975	1978	1986	rVB	390464	512426	10.87%	0.897%
86	13.863	1997	2002	2005	rBV	1537937	1616688	34.30%	2.830%
87	13.886	2005	2006	2012	rVB	170243	115041	2.44%	0.201%
88	14.039	2029	2032	2040	rVB	203909	209675	4.45%	0.367%
89	14.345	2080	2084	2087	rBV	321401	307384	6.52%	0.538%
90	14.639	2130	2134	2141	rVB	494703	501909	10.65%	0.879%
91	14.710	2142	2146	2152	rVB	849492	909083	19.29%	1.591%
92	14.868	2170	2173	2182	rVB	180711	335957	7.13%	0.588%
93	14.957	2183	2188	2195	rBV	612975	780797	16.57%	1.367%
94	15.151	2219	2221	2227	rVB	115083	132778	2.82%	0.232%
95	15.209	2228	2231	2236	rVB	134087	154439	3.28%	0.270%
96	15.268	2236	2241	2244	rBV	1066378	1294403	27.46%	2.266%
97	15.304	2244	2247	2255	rVB	602231	795434	16.88%	1.392%
98	15.709	2311	2316	2322	rBV	441251	682980	14.49%	1.195%
99	16.104	2380	2383	2390	rBV7	48861	81161	1.72%	0.142%
100	16.180	2390	2396	2401	rBV	225256	387581	8.22%	0.678%

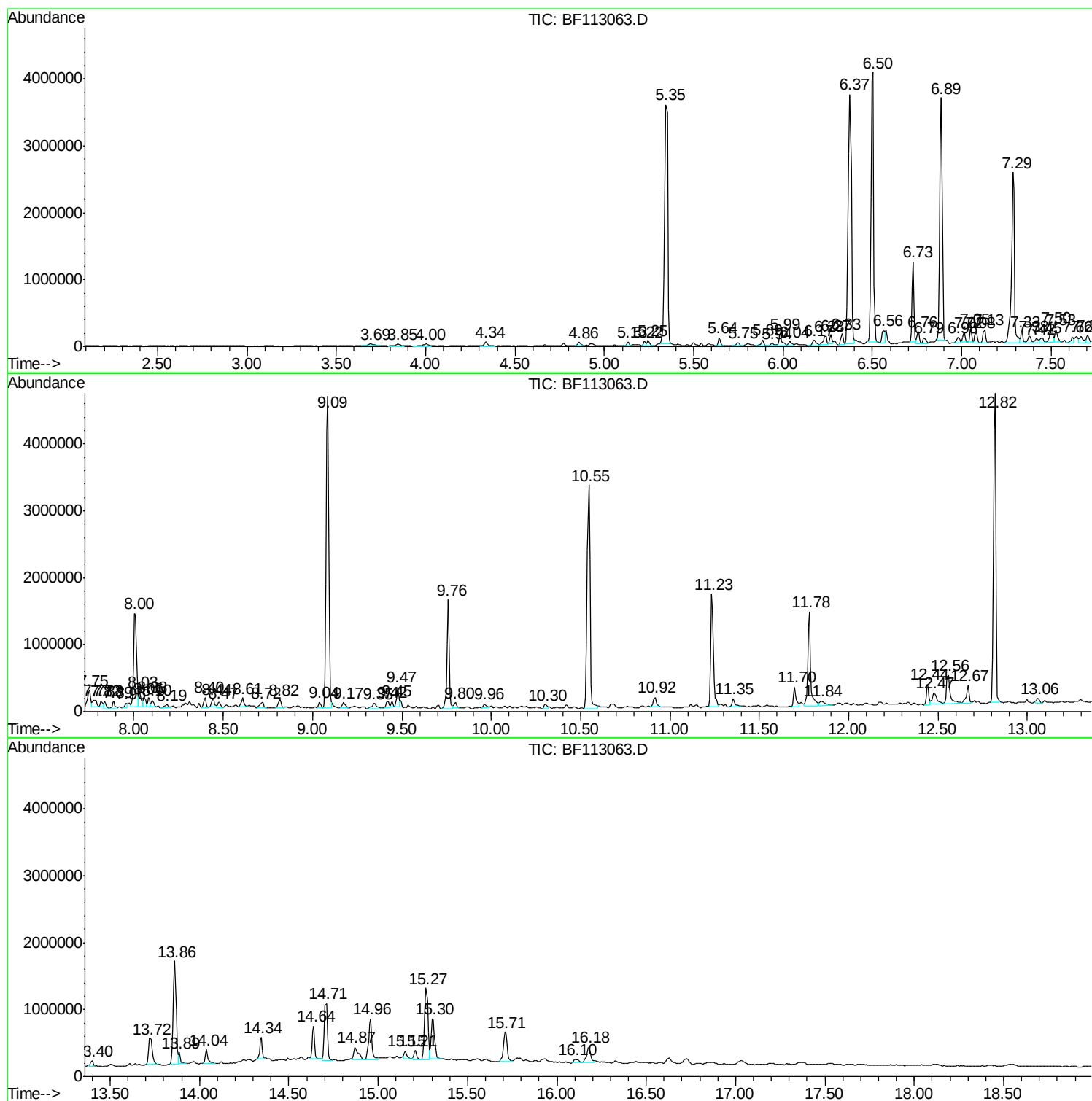
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022719.M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



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Instrument :
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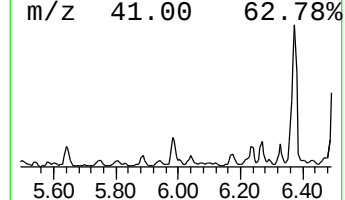
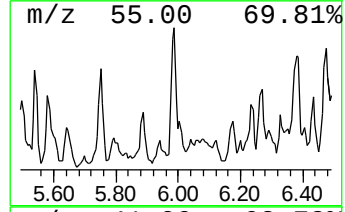
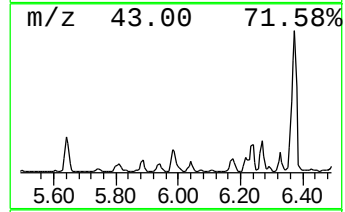
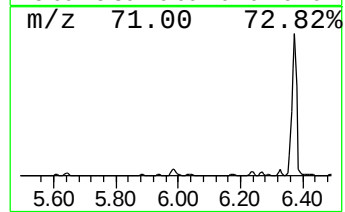
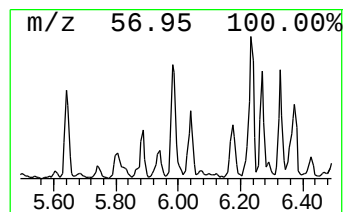
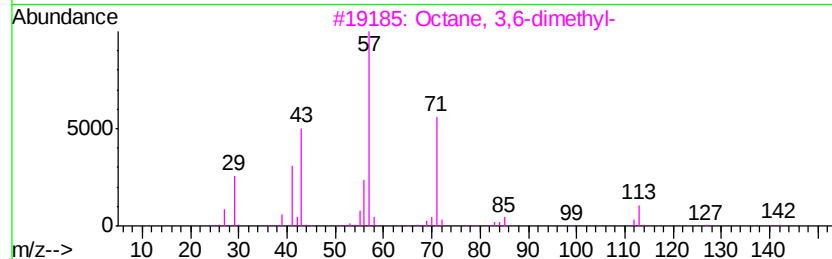
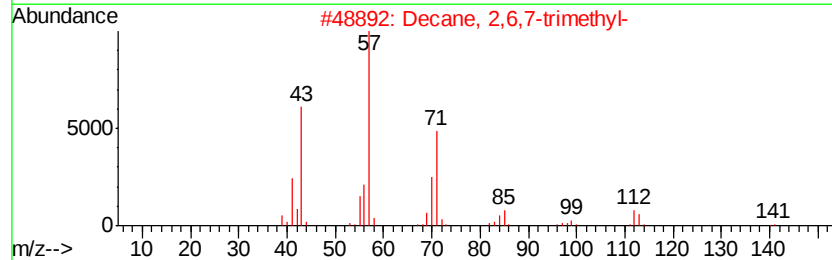
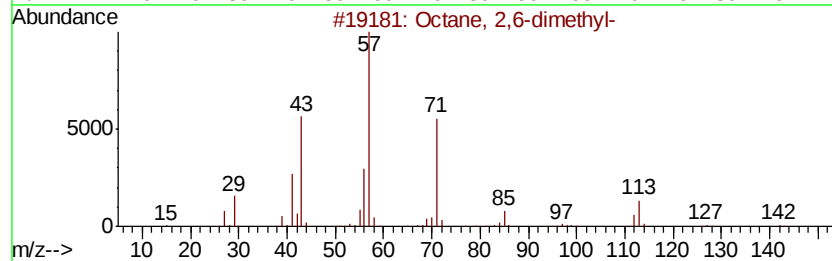
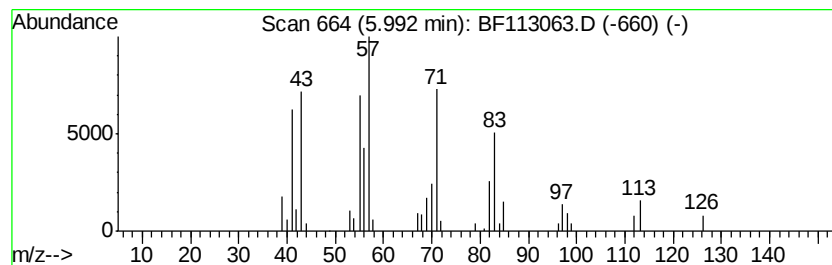
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 Octane, 2,6-dimethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.99	3.91 ng	190741	1,4-Dichlorobenzene-d4	6.73

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	50
2		Decane, 2,6,7-trimethyl-	184	C13H28	062108-25-2	50
3		Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	47
4		Nonane, 3-methyl-	142	C10H22	005911-04-6	47
5		3-Bromooctane	192	C8H17Br	000999-64-4	43



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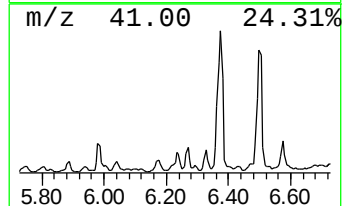
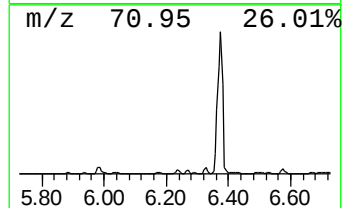
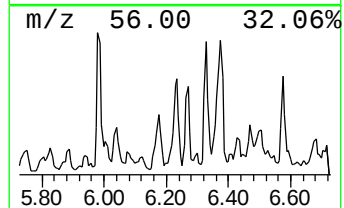
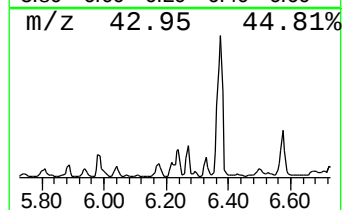
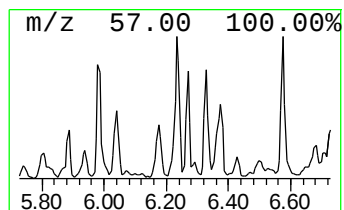
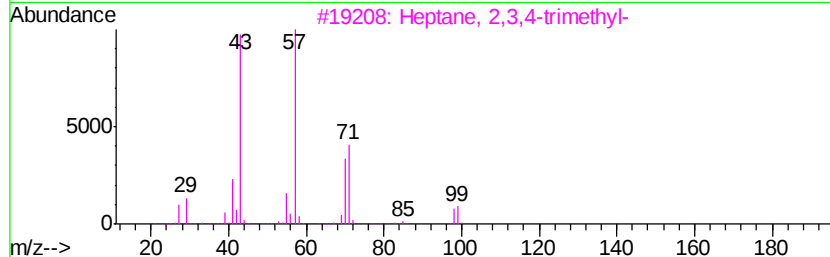
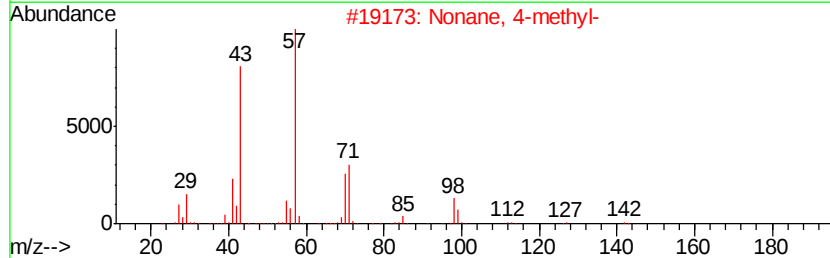
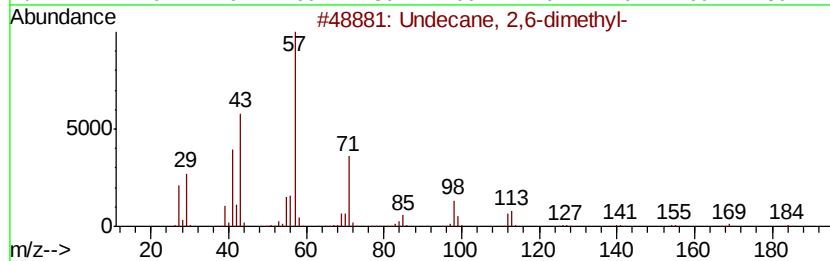
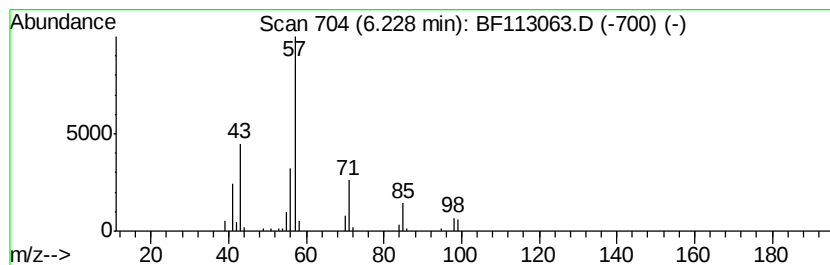
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 2 Undecane, 2,6-dimethyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.23	3.07 ng	150084	1,4-Dichlorobenzene-d4	6.73

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	64
2		Nonane, 4-methyl-	142	C10H22	017301-94-9	53
3		Heptane, 2,3,4-trimethyl-	142	C10H22	052896-95-4	53
4		Decane, 2,5,9-trimethyl-	184	C13H28	062108-22-9	53
5		Decane, 2,5-dimethyl-	170	C12H26	017312-50-4	53



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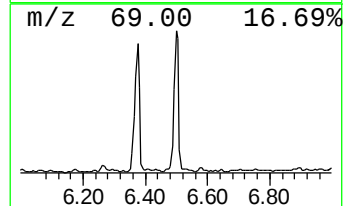
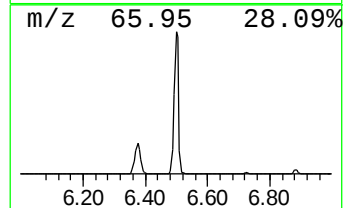
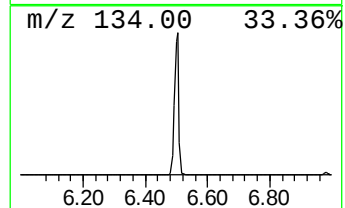
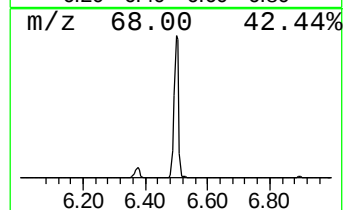
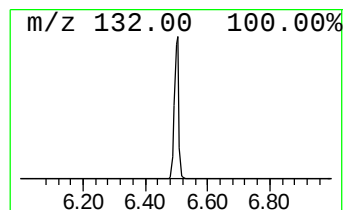
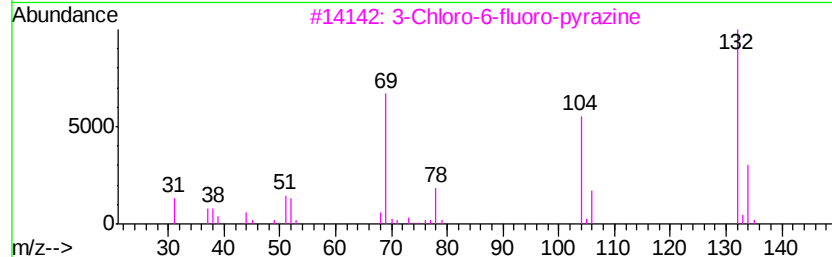
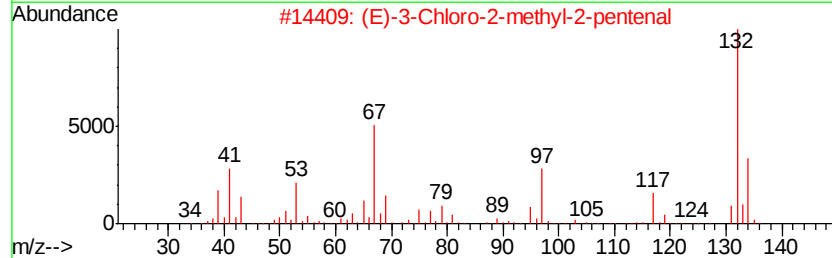
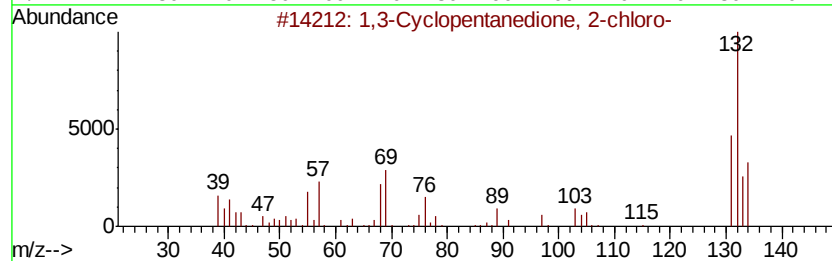
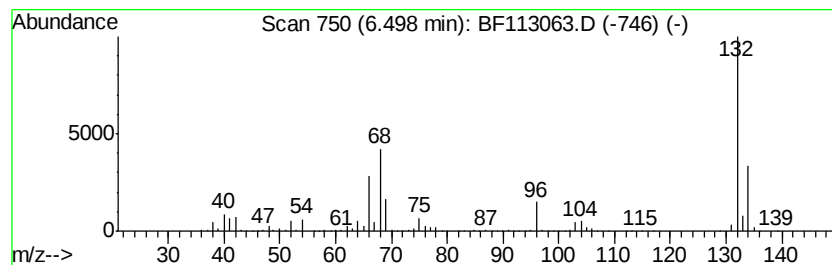
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 unknown6.50 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.50	84.15 ng	4108680	1,4-Dichlorobenzene-d4	6.73

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1,3-Cyclopentanedione, 2-chloro-	132	C5H5ClO2	014203-19-1	37
2		(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	27
3		3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
4		Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	12
5		1-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-59-9	9



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031519\
Data File : BF113063.D
Acq On : 15 Mar 2019 14:03
Operator : JU/SJ
Sample : K1922-01
Misc :
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ClientSampleId :
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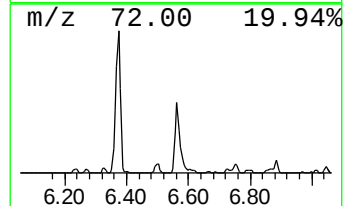
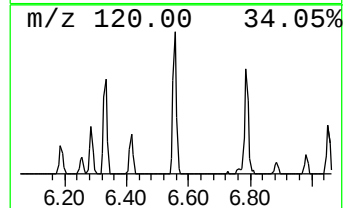
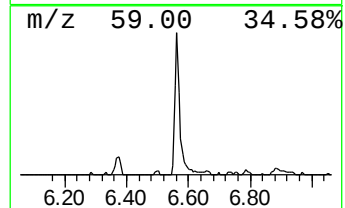
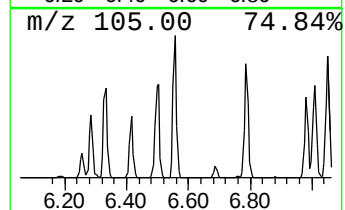
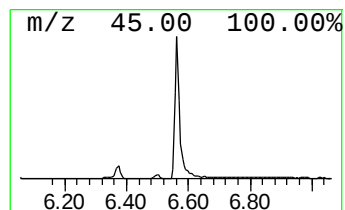
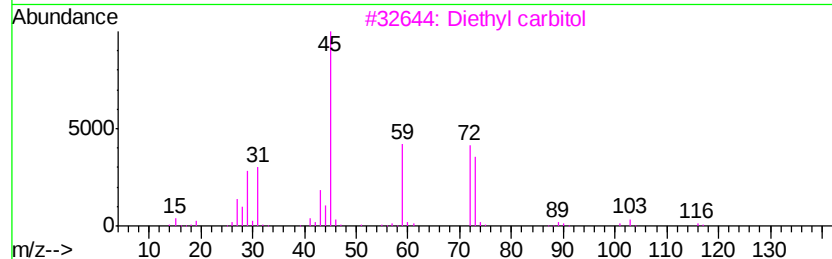
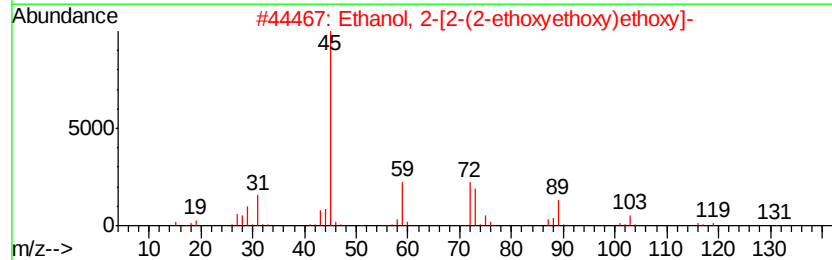
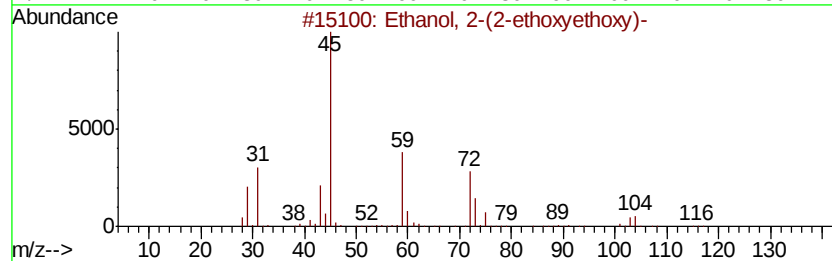
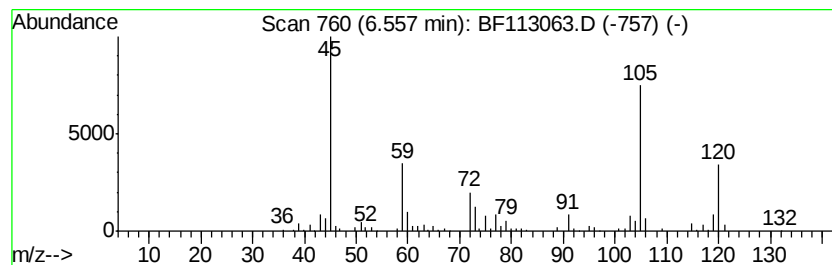
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 Ethanol, 2-(2-ethoxyethoxy)- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.56	4.16 ng	203100	1,4-Dichlorobenzene-d4	6.73

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Ethanol, 2-(2-ethoxyethoxy)-	134	C6H14O3	000111-90-0	86
2		Ethanol, 2-[2-(2-ethoxyethoxy)et...	178	C8H18O4	000112-50-5	59
3		Diethyl carbitol	162	C8H18O3	000112-36-7	37
4		2-Propanol, 1-(1-methylethoxy)-	118	C6H14O2	003944-36-3	36
5		Methyl 2-(2-methoxyethoxy)acetate	148	C6H12O4	1000366-88-1	36



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031519\
Data File : BF113063.D
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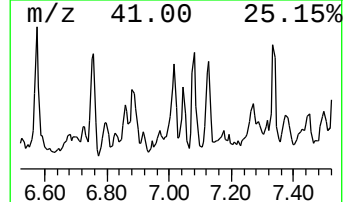
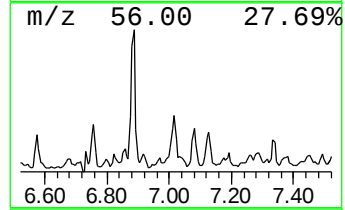
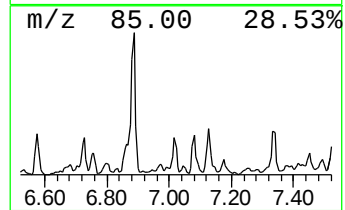
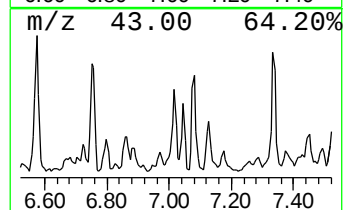
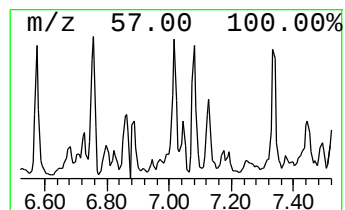
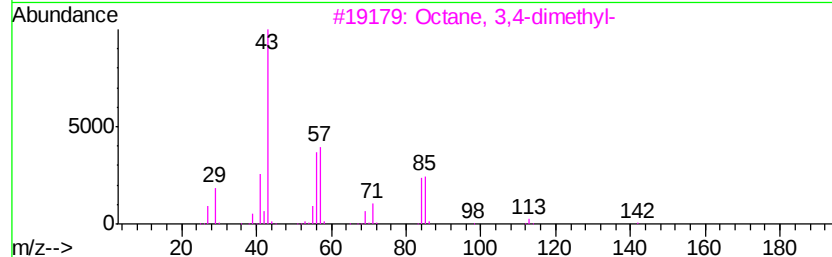
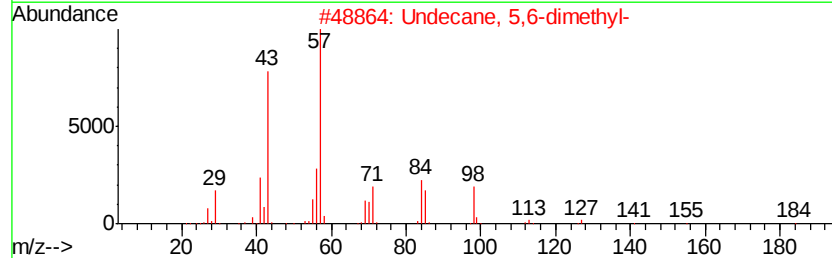
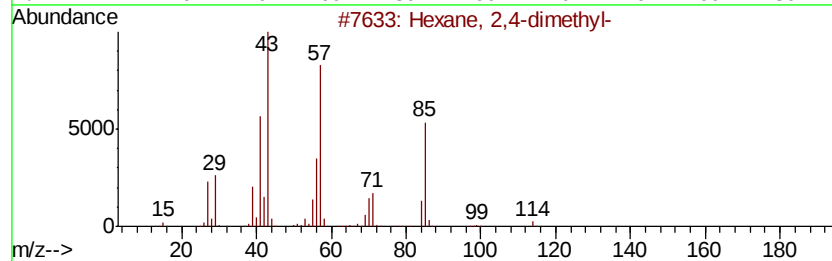
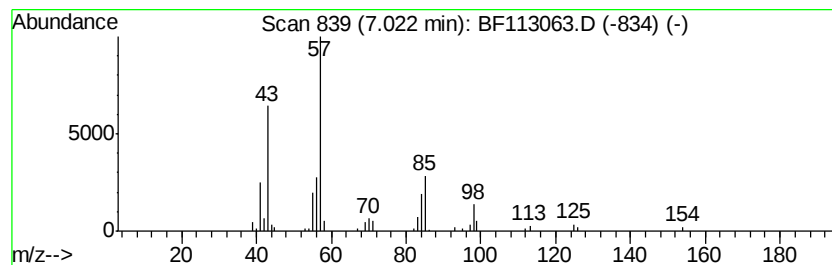
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 unknown7.02 Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.02	3.18 ng	155423	1,4-Dichlorobenzene-d4	6.73

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexane, 2,4-dimethyl-	114	C8H18	000589-43-5	47
2		Undecane, 5,6-dimethyl-	184	C13H28	017615-91-7	43
3		Octane, 3,4-dimethyl-	142	C10H22	015869-92-8	43
4		Heptane, 3-ethyl-2-methyl-	142	C10H22	014676-29-0	43
5		Pentane, 2,2-dimethyl-	100	C7H16	000590-35-2	38



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031519\
Data File : BF113063.D
Acq On : 15 Mar 2019 14:03
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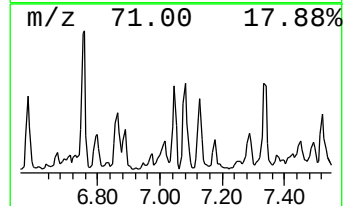
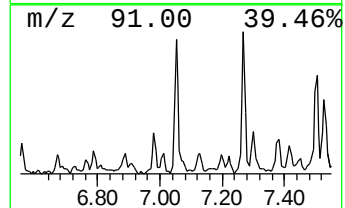
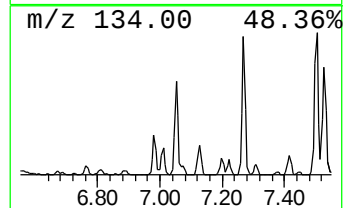
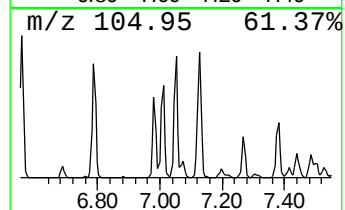
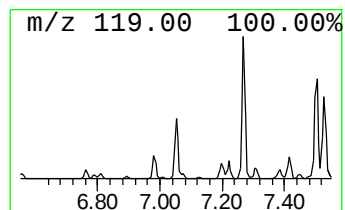
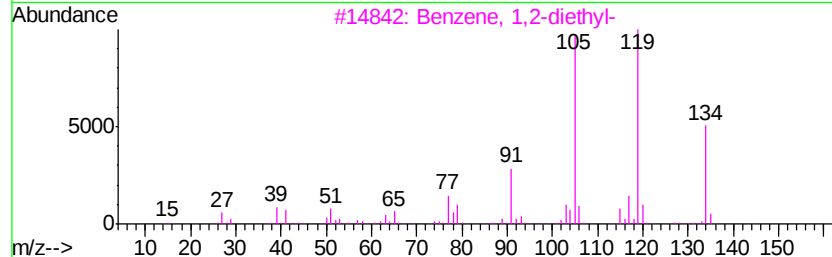
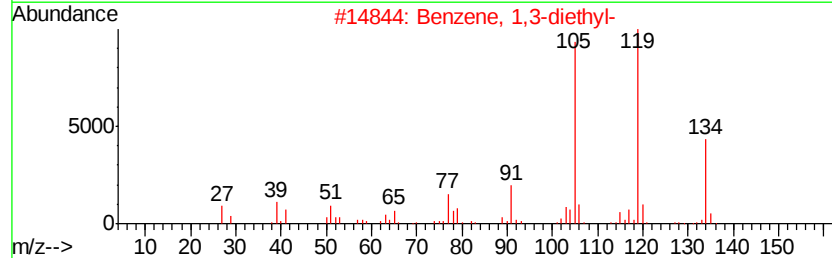
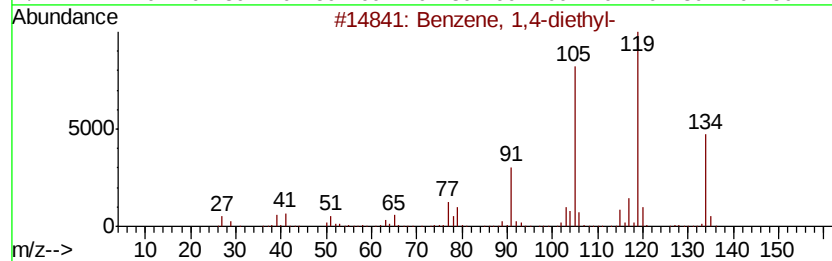
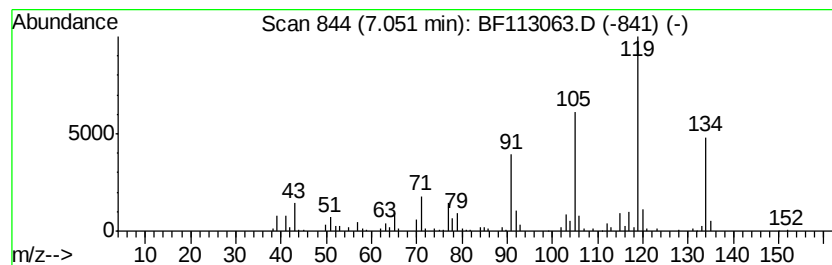
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Benzene, 1,4-diethyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.05	3.51 ng	171482	1,4-Dichlorobenzene-d4	6.73

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	94
2		Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	93
3		Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	93
4		o-Cymene	134	C10H14	000527-84-4	91
5		Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031519\
Data File : BF113063.D
Acq On : 15 Mar 2019 14:03
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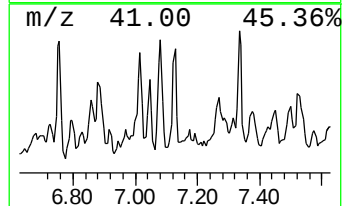
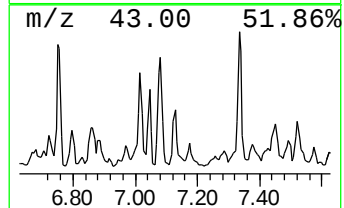
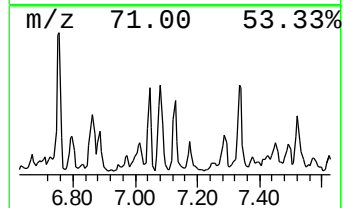
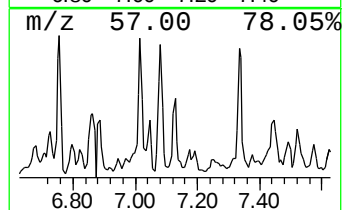
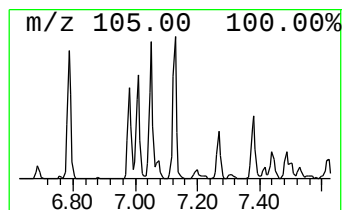
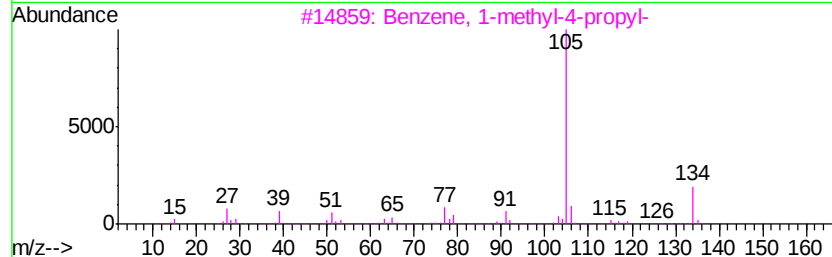
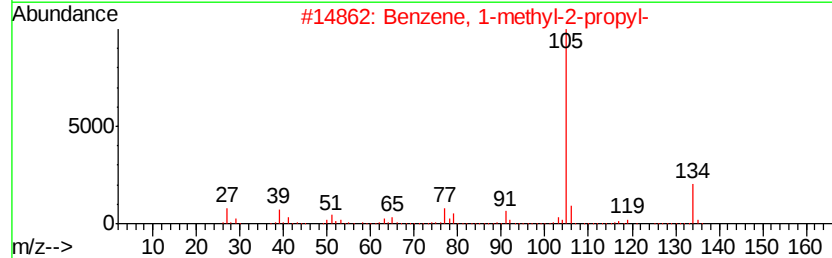
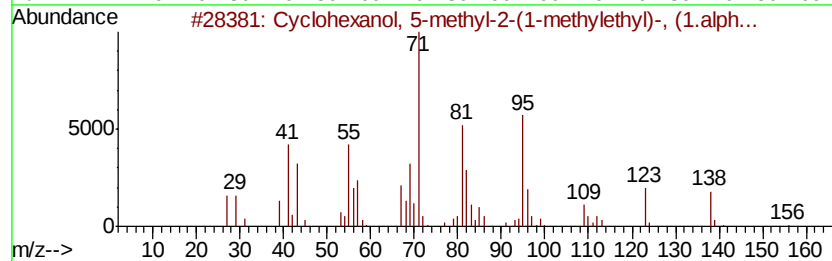
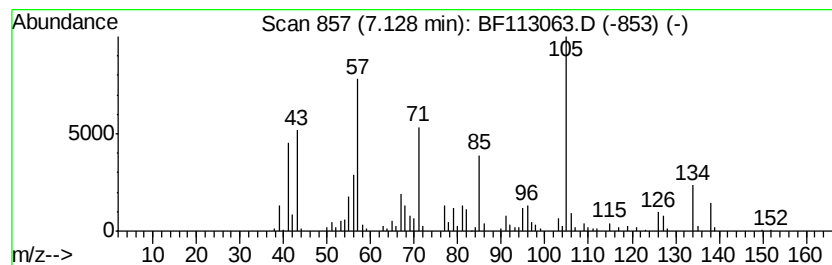
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 unknown7.13 Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.13	3.66 ng	178694	1,4-Dichlorobenzene-d4	6.73

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexanol, 5-methyl-2-(1-meth...	156	C10H20O	000491-02-1	27
2		Benzene, 1-methyl-2-propyl-	134	C10H14	001074-17-5	25
3		Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	25
4		Benzene, (1-methylpropyl)-	134	C10H14	000135-98-8	25
5		Decane, 3-methyl-	156	C11H24	013151-34-3	22



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031519\
Data File : BF113063.D
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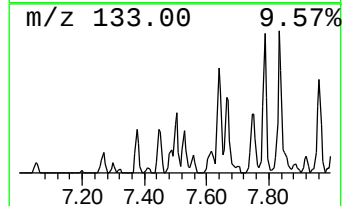
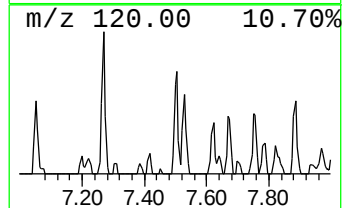
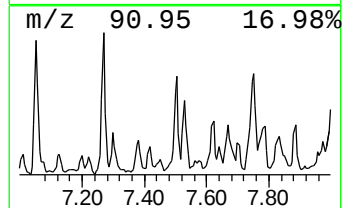
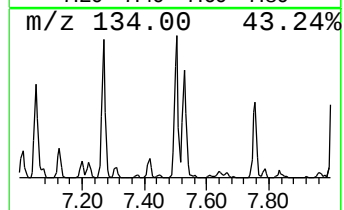
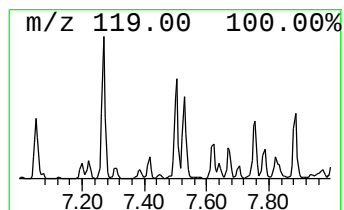
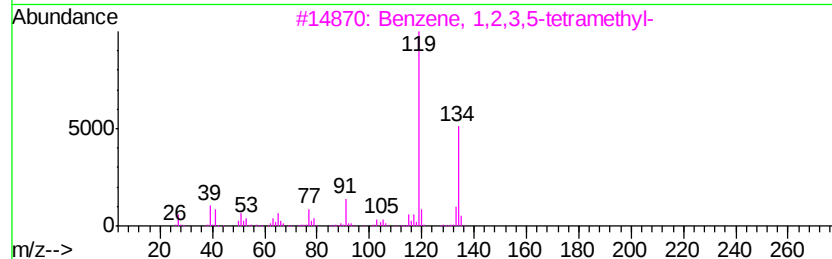
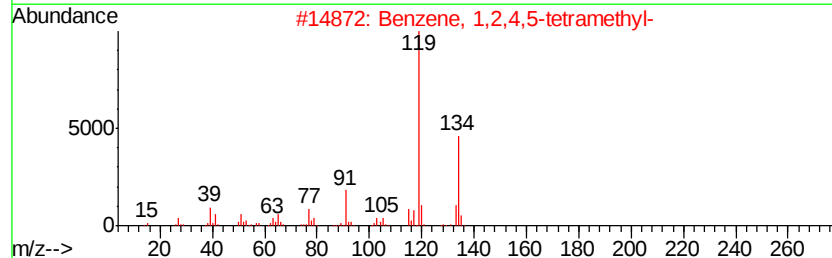
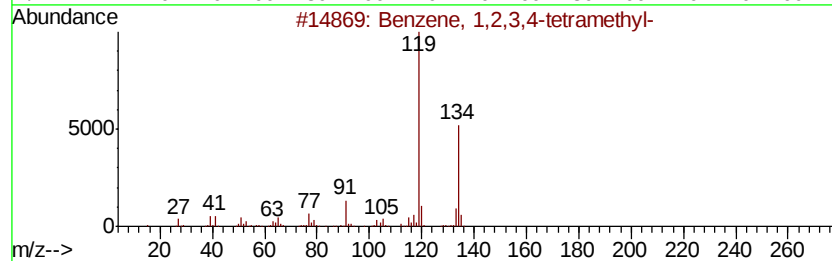
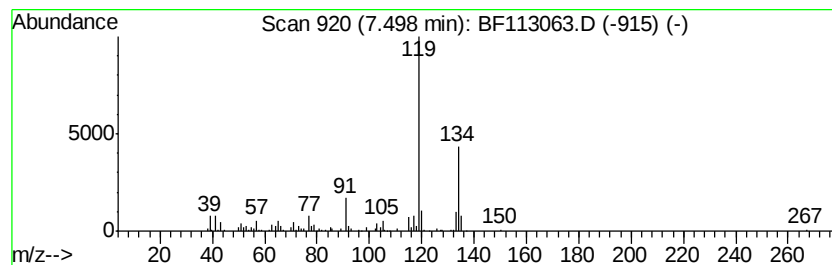
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Benzene, 1,2,3,4-tetramethyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.50	3.38 ng	252957	Naphthalene-d8	8.01

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	94
2		Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	93
3		Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	91
4		1,3-Cyclopentadiene, 1,2,3,4-tet...	134	C10H14	076089-59-3	91
5		Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	90



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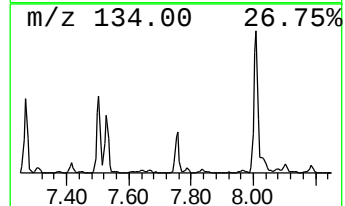
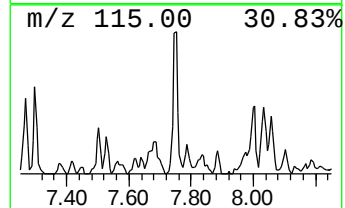
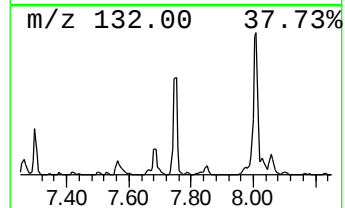
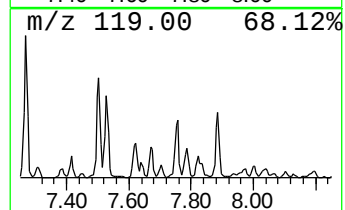
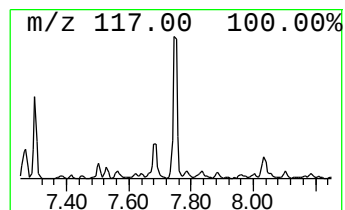
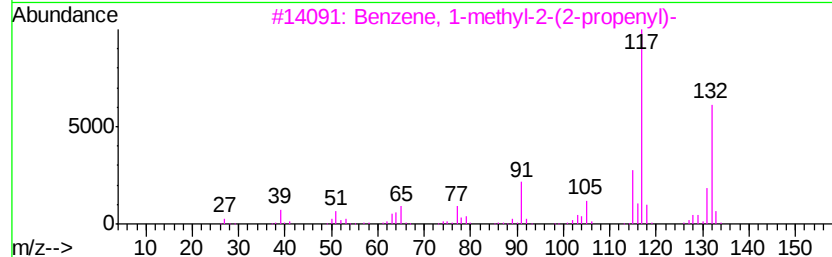
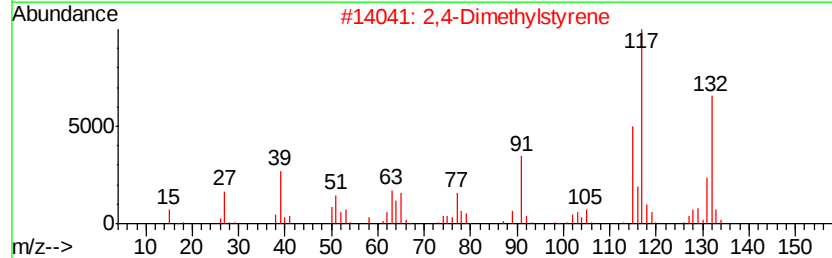
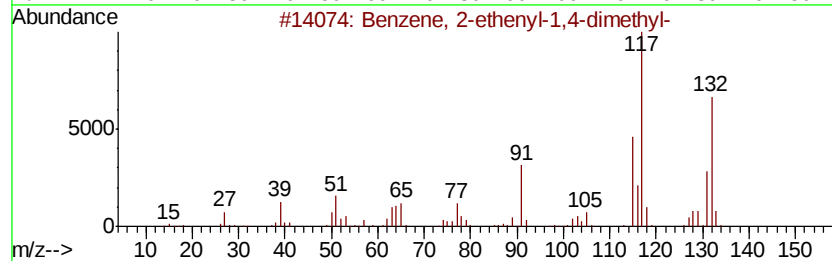
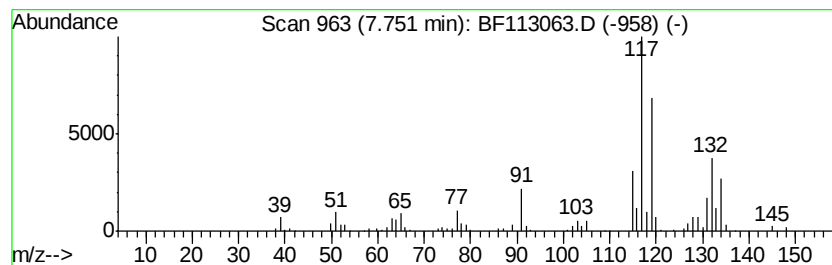
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Benzene, 2-ethenyl-1,4-dime... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.75	4.49 ng	336190	Naphthalene-d8	8.01

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	90
2			2,4-Dimethylstyrene	132	C10H12	002234-20-0	90
3			Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	64
4			3-Phenylbut-1-ene	132	C10H12	000934-10-1	64
5			1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	60



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031519\
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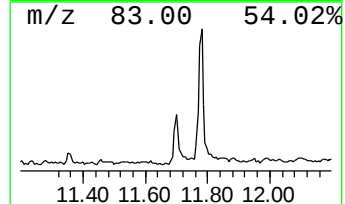
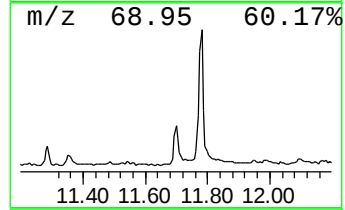
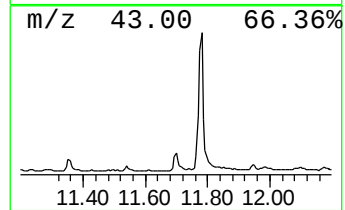
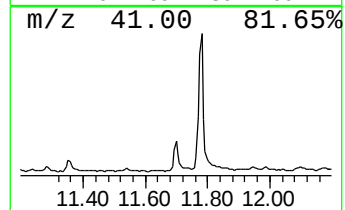
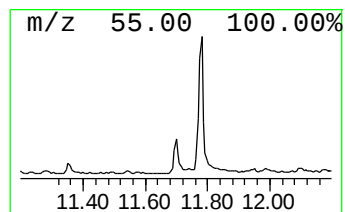
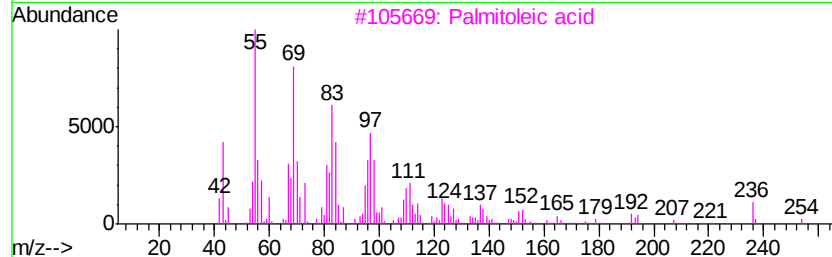
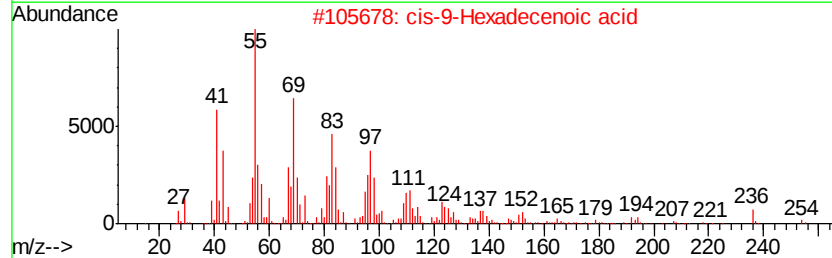
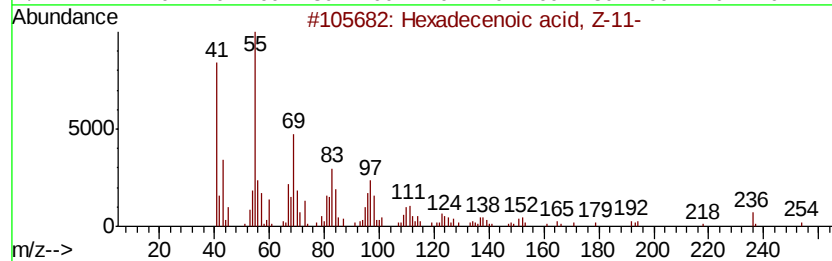
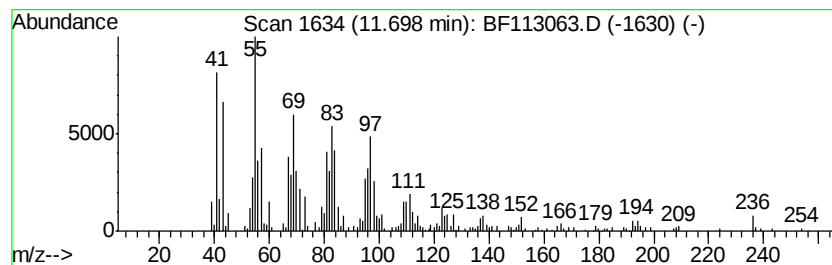
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Hexadecenoic acid, Z-11- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.70	3.80 ng	316810	Phenanthrene-d10	11.23

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexadecenoic acid, Z-11-	254	C16H30O2	002416-20-8	97
2		cis-9-Hexadecenoic acid	254	C16H30O2	1000333-19-5	94
3		Palmitoleic acid	254	C16H30O2	000373-49-9	83
4		1,9-Tetradecadiene	194	C14H26	112929-06-3	83
5		9-Hexadecenoic acid	254	C16H30O2	002091-29-4	81



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031519\
Data File : BF113063.D
Acq On : 15 Mar 2019 14:03
Operator : JU/SJ
Sample : K1922-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

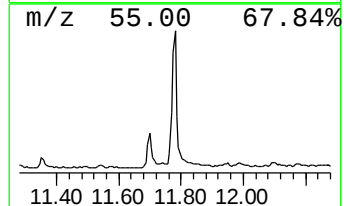
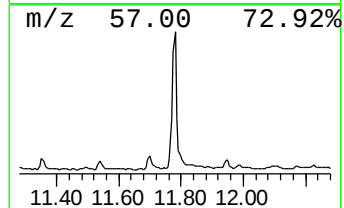
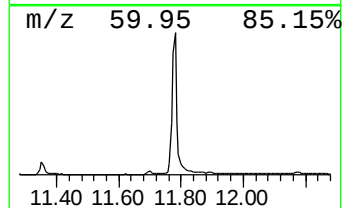
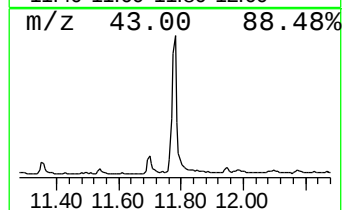
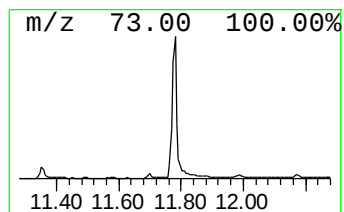
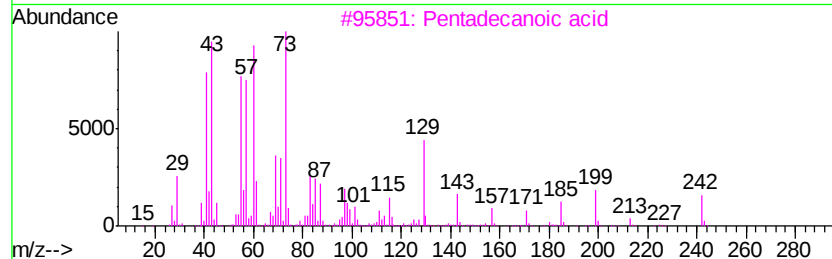
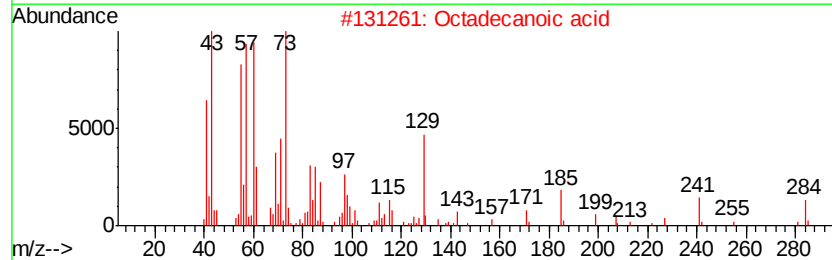
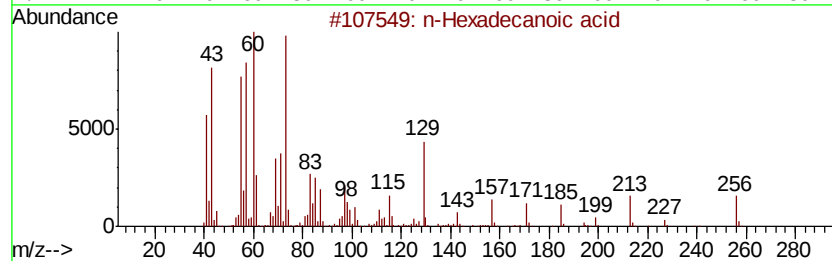
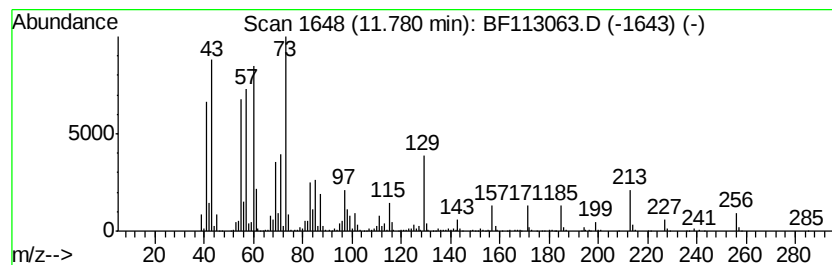
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.78	19.60 ng	1632760	Phenanthrene-d10	11.23	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	Octadecanoic acid	284	C18H36O2	000057-11-4	93
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	93
4	Tridecanoic acid	214	C13H26O2	000638-53-9	92
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	89



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031519\
Data File : BF113063.D
Acq On : 15 Mar 2019 14:03
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Misc :
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ClientSampleId :
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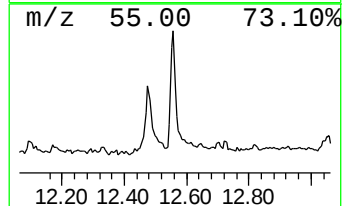
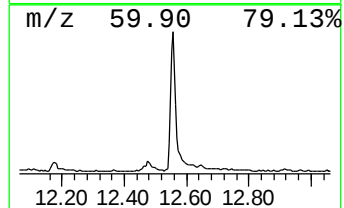
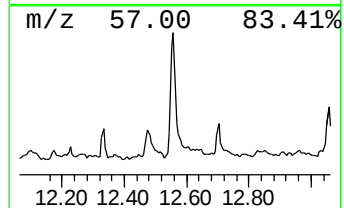
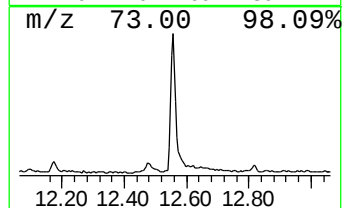
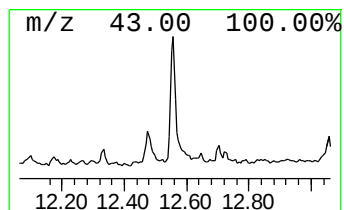
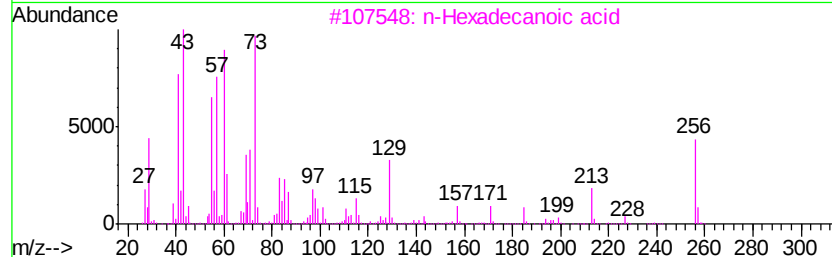
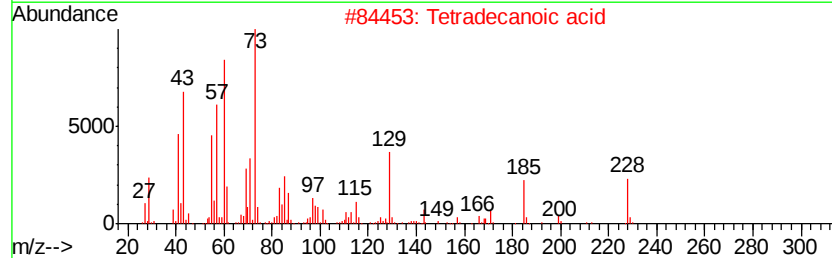
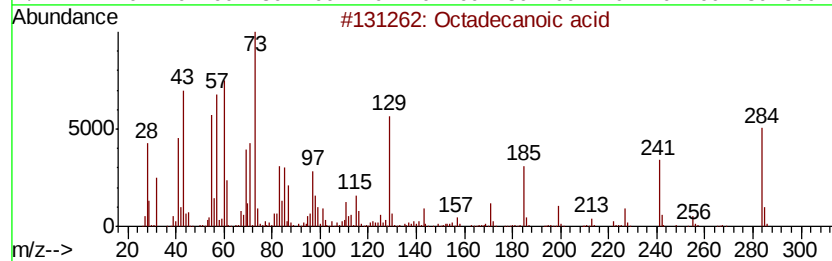
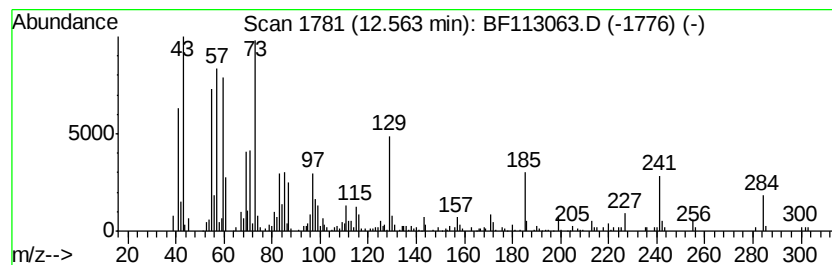
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Octadecanoic acid Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.56	6.85 ng	553384	Chrysene-d12	13.86

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2		Tetradecanoic acid	228	C14H28O2	000544-63-8	87
3		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	86
4		Pentadecanoic acid	242	C15H30O2	001002-84-2	81
5		Tridecanoic acid	214	C13H26O2	000638-53-9	76



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031519\
Data File : BF113063.D
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Misc :
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ClientSampleId :
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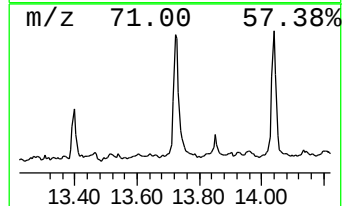
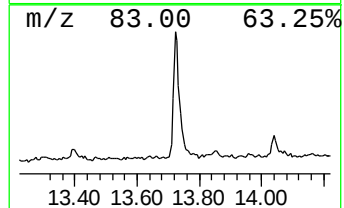
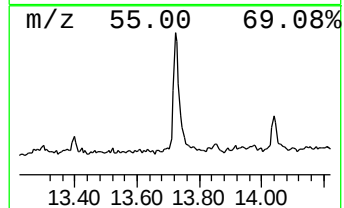
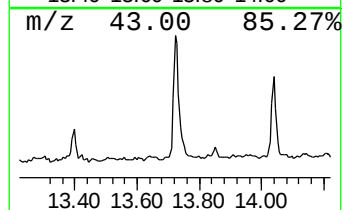
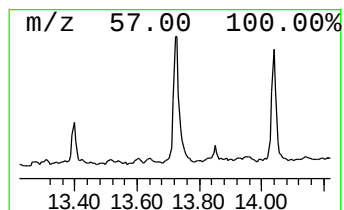
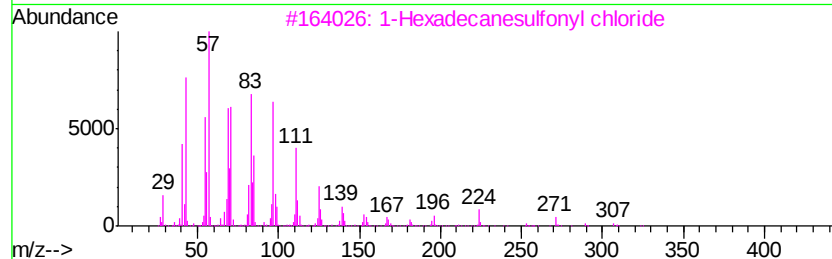
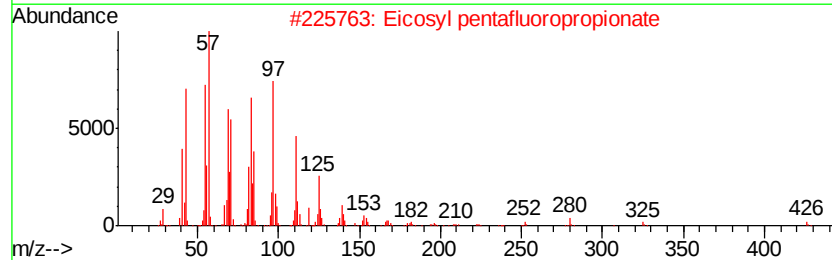
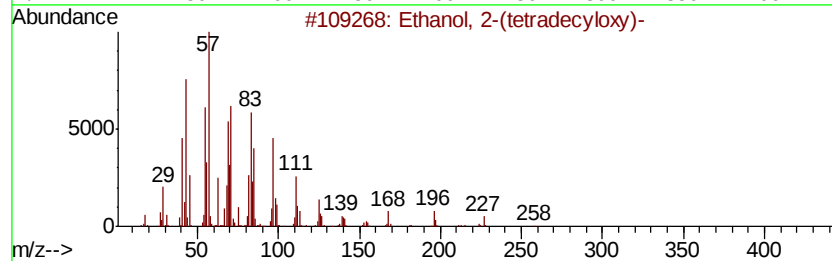
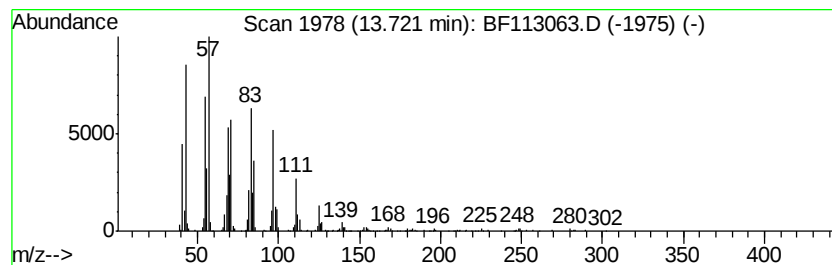
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Ethanol, 2-(tetradecyloxy)- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.72	6.34 ng	512426	Chrysene-d12	13.86

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Ethanol, 2-(tetradecyloxy)-	258	C16H34O2	002136-70-1	91
2		Eicosyl pentafluoropropionate	444	C23H41F5O2	1000351-80-8	91
3		1-Hexadecanesulfonyl chloride	324	C16H33ClO2S	038775-38-1	91
4		Nonadecyl pentafluoropropionate	430	C22H39F5O2	1000351-88-8	91
5		Oxalic acid, isobutyl heptadecyl...	384	C23H44O4	1000309-38-2	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031519\
Data File : BF113063.D
Acq On : 15 Mar 2019 14:03
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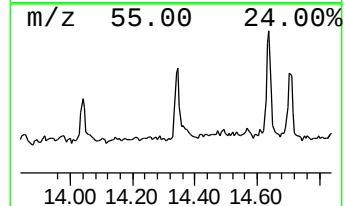
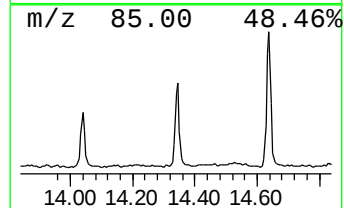
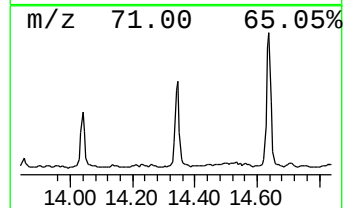
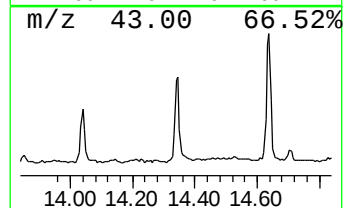
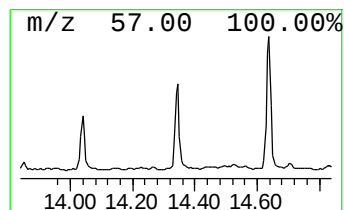
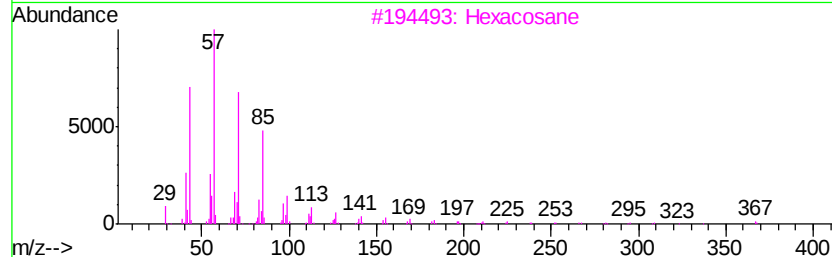
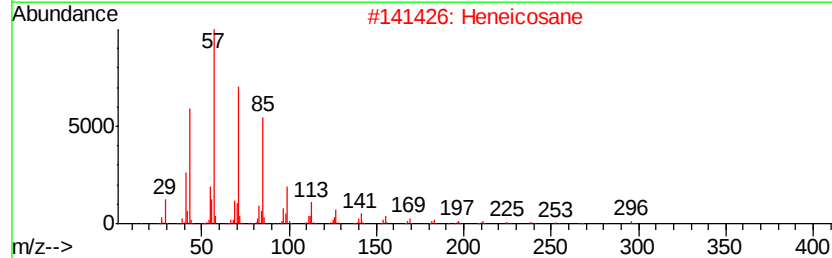
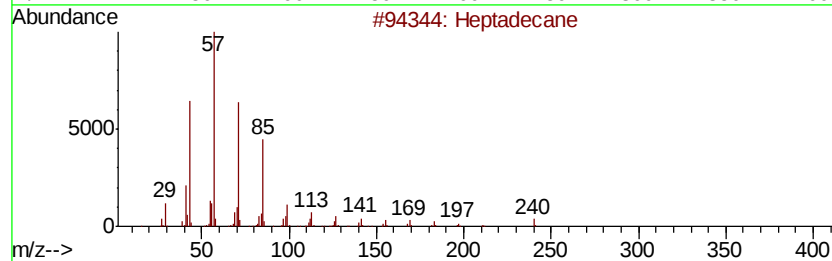
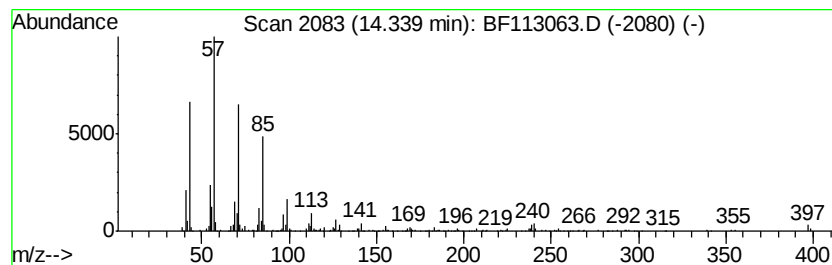
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 Heptadecane Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.34	3.80 ng	307384	Chrysene-d12	13.86

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptadecane	240	C17H36	000629-78-7	96
2		Heneicosane	296	C21H44	000629-94-7	90
3		Hexacosane	366	C26H54	000630-01-3	90
4		Tetracosane	338	C24H50	000646-31-1	87
5		2-Bromotetradecane	276	C14H29Br	074036-95-6	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031519\
Data File : BF113063.D
Acq On : 15 Mar 2019 14:03
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Misc :
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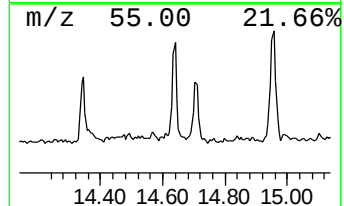
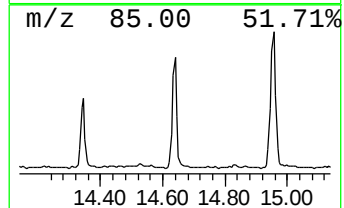
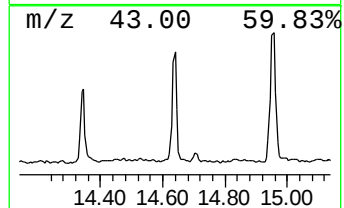
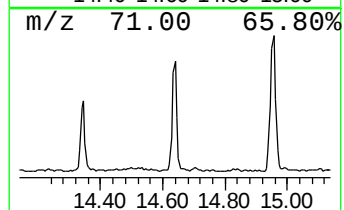
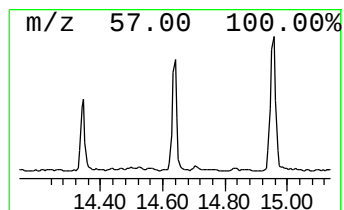
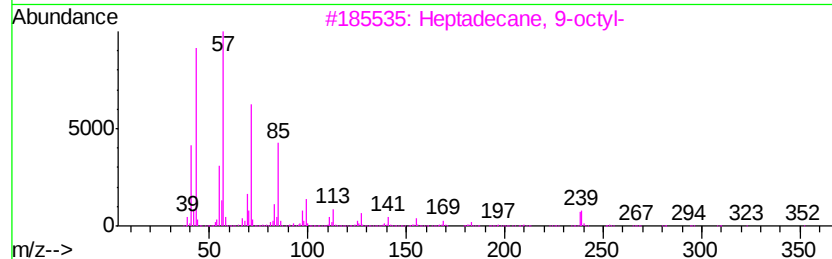
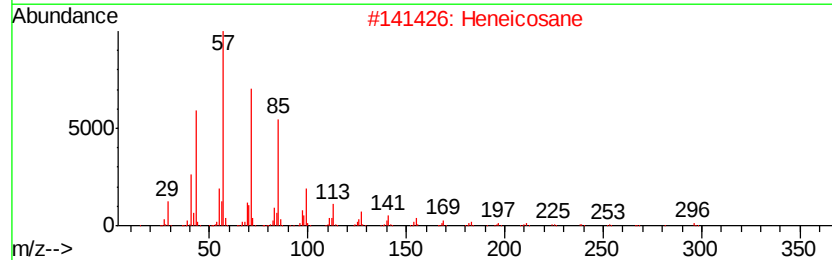
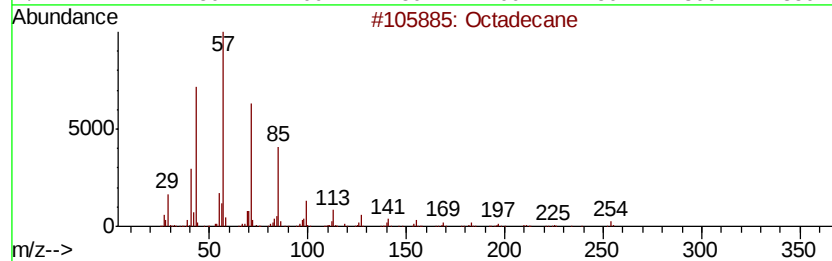
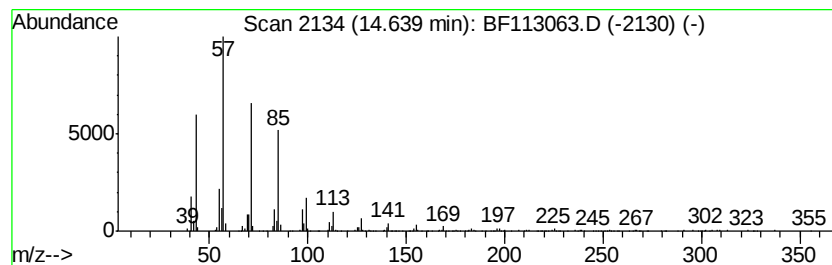
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 Octadecane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.64	7.76 ng	501909	Perylene-d12	15.27

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octadecane	254	C18H38	000593-45-3	94
2		Heneicosane	296	C21H44	000629-94-7	91
3		Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91
4		Nonadecane	268	C19H40	000629-92-5	87
5		triacontane	422	C30H62	000638-68-6	80



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031519\
Data File : BF113063.D
Acq On : 15 Mar 2019 14:03
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ClientSampleId :
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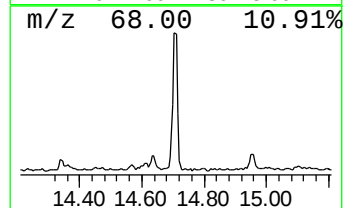
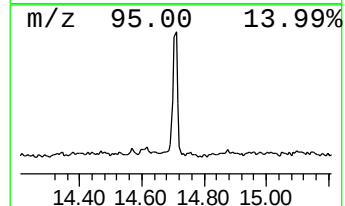
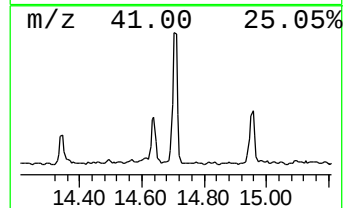
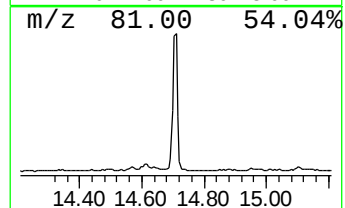
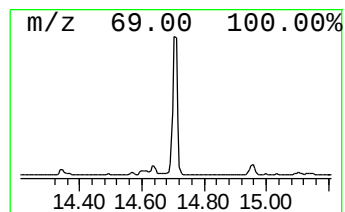
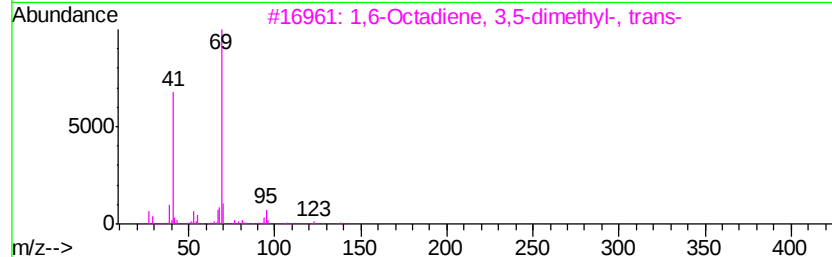
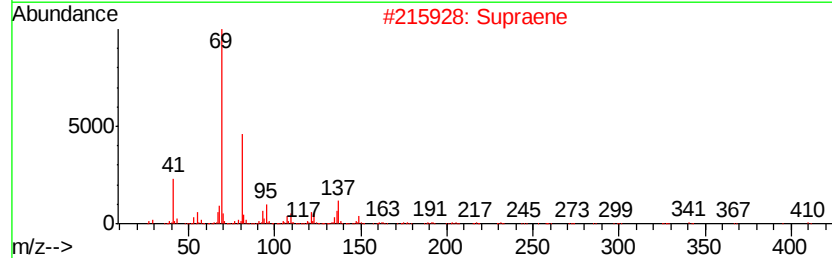
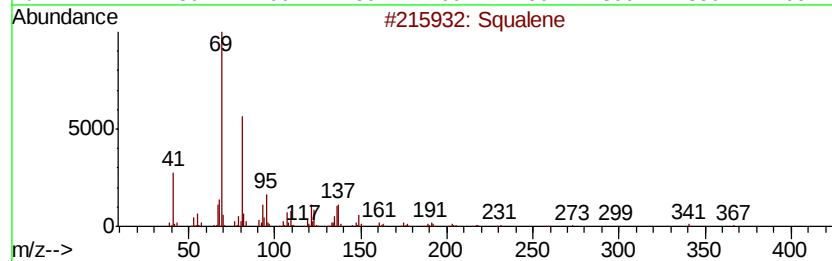
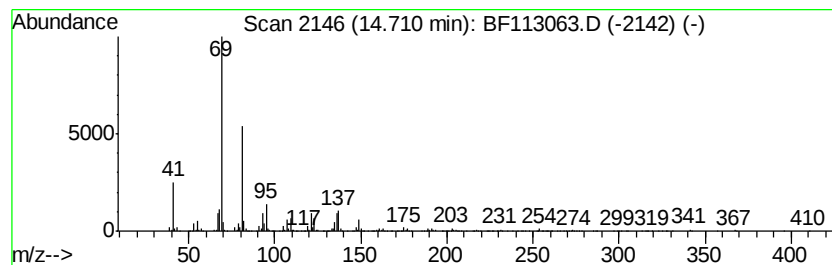
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 Squalene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.71	14.05 ng	909083	Perylene-d12	15.27

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Squalene	410	C30H50	000111-02-4	94
2		Supraene	410	C30H50	007683-64-9	91
3		1,6-Octadiene, 3,5-dimethyl-, tr...	138	C10H18	074630-87-8	50
4		1,5-Heptadiene, 3,3,6-trimethyl-	138	C10H18	035387-63-4	49
5		2,6-Octadiene, 4,5-dimethyl-	138	C10H18	018476-57-8	47



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031519\
Data File : BF113063.D
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Misc :
ALS Vial : 5 Sample Multiplier: 1

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ClientSampleId :
ORG-031419

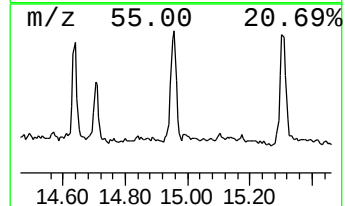
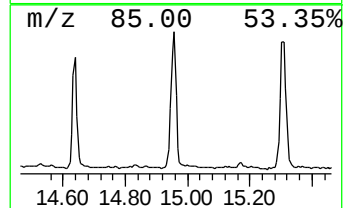
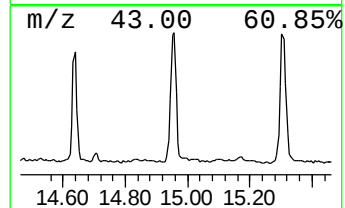
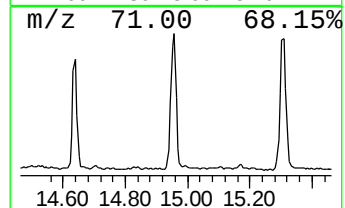
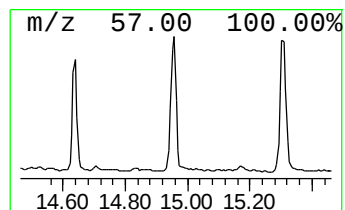
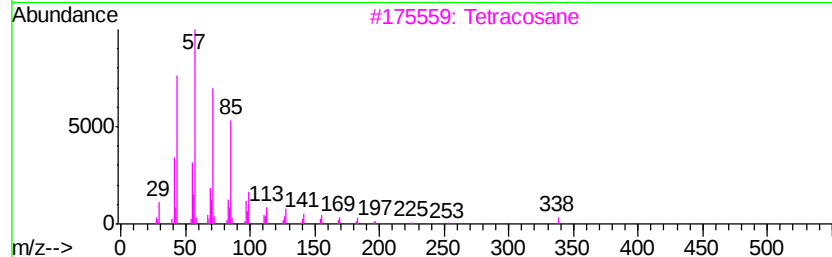
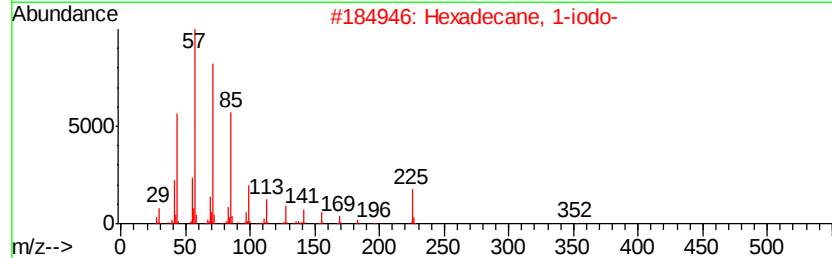
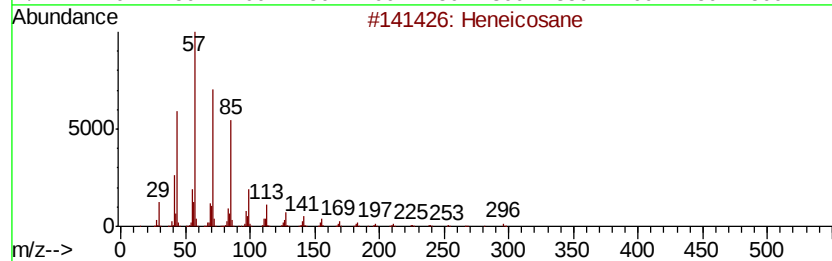
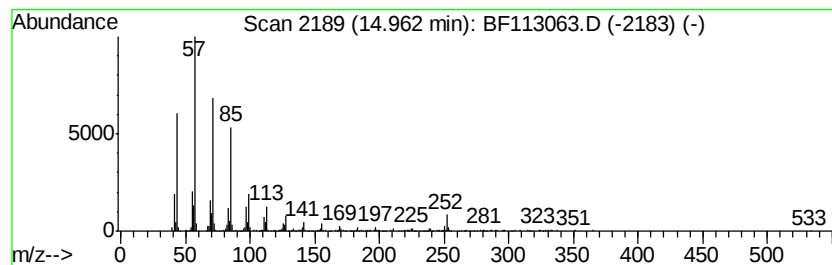
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 Heneicosane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.96	12.06 ng	780797	Perylene-d12	15.27

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heneicosane	296	C21H44	000629-94-7	91
2		Hexadecane, 1-iodo-	352	C16H33I	000544-77-4	91
3		Tetracosane	338	C24H50	000646-31-1	91
4		Tetratetracontane	619	C44H90	007098-22-8	87
5		Octadecane, 1-iodo-	380	C18H37I	000629-93-6	83



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031519\
Data File : BF113063.D
Acq On : 15 Mar 2019 14:03
Operator : JU/SJ
Sample : K1922-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
ORG-031419

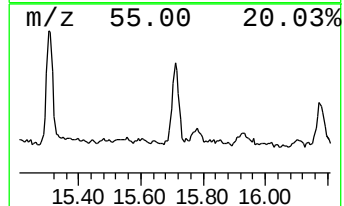
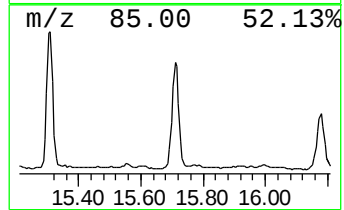
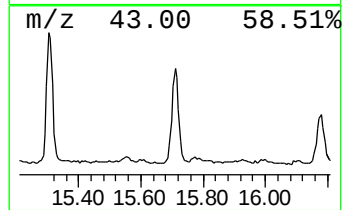
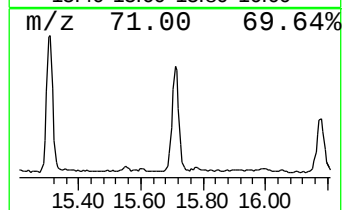
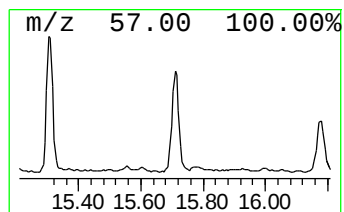
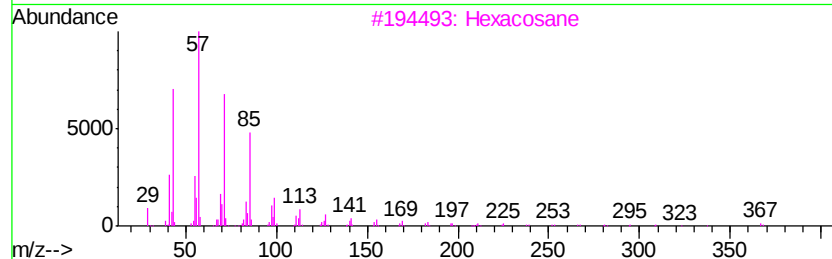
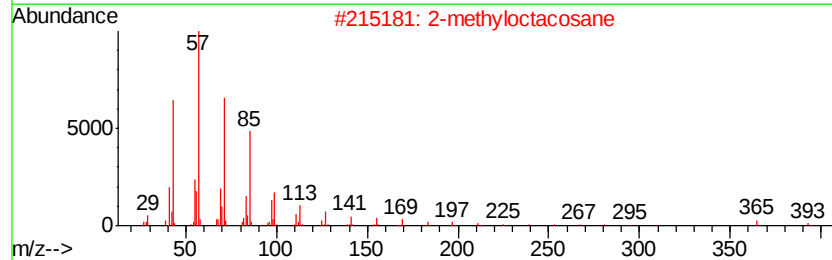
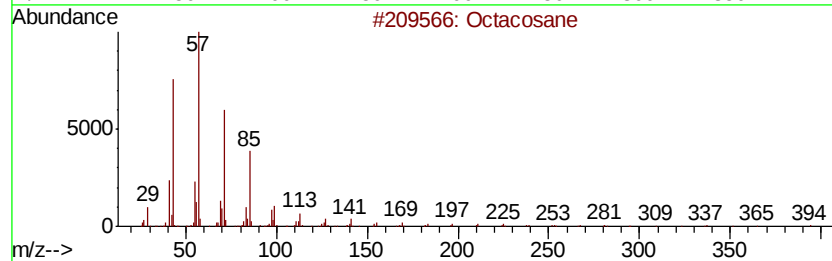
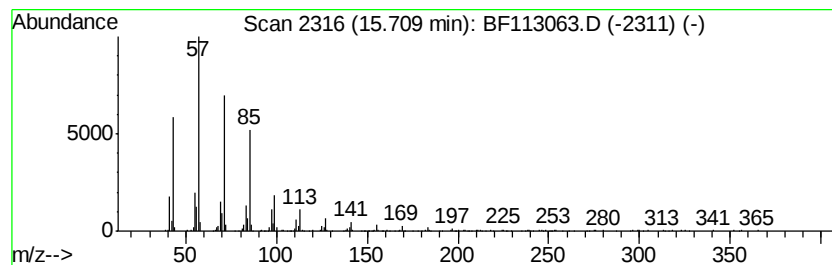
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 Octacosane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.71	10.55 ng	682980	Perylene-d12	15.27

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octacosane	394	C28H58	000630-02-4	91
2		2-methyloctacosane	408	C29H60	1000376-72-8	91
3		Hexacosane	366	C26H54	000630-01-3	91
4		Heneicosane	296	C21H44	000629-94-7	91
5		Tetracosane	338	C24H50	000646-31-1	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031519\
Data File : BF113063.D
Acq On : 15 Mar 2019 14:03
Operator : JU/SJ
Sample : K1922-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
ORG-031419

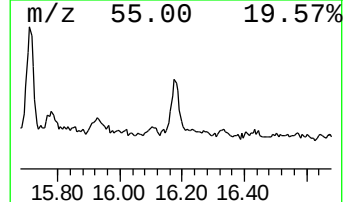
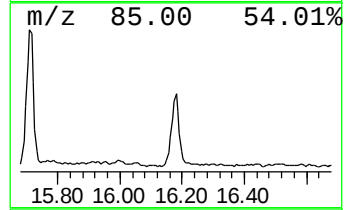
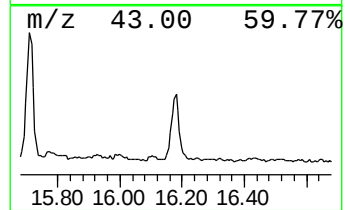
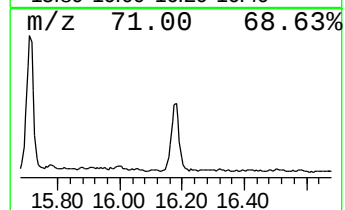
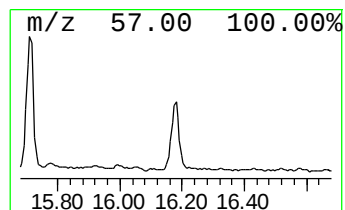
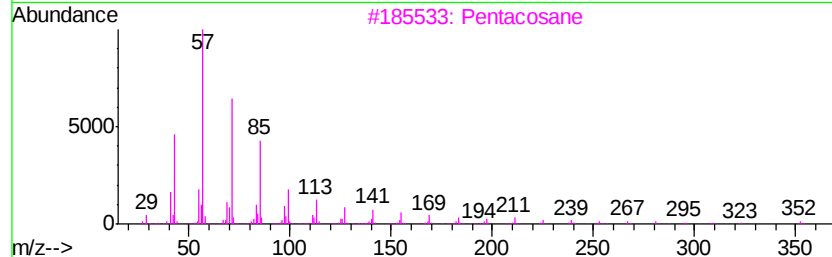
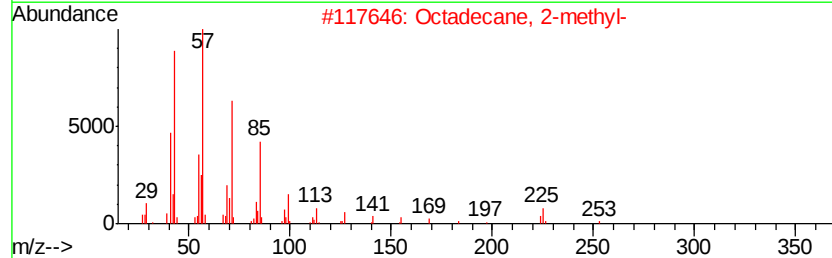
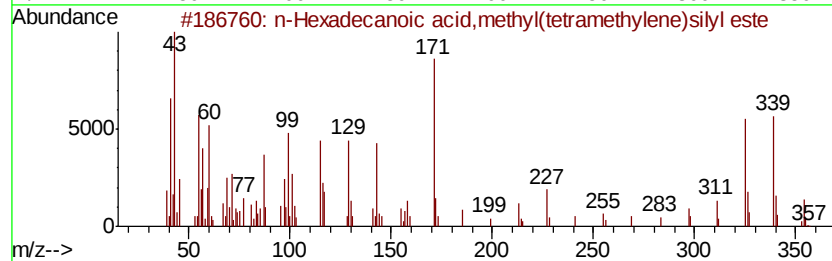
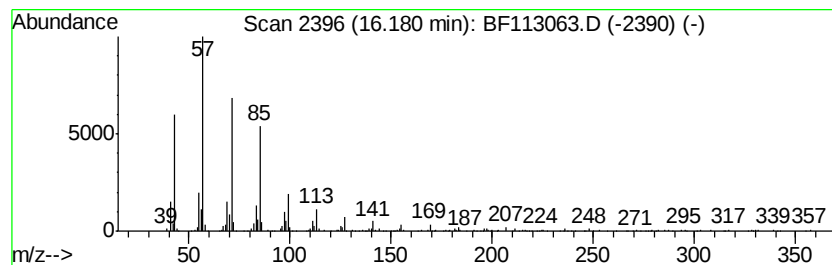
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 n-Hexadecanoic acid,methyl(...) Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.18	5.99 ng	387581	Perylene-d12	15.27

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	n-Hexadecanoic acid,methyl(tetra...	354	C21H42O2Si	1000217-04-1	90
2		Octadecane, 2-methyl-	268	C19H40	001560-88-9	86
3		Pentacosane	352	C25H52	000629-99-2	74
4		Octadecane	254	C18H38	000593-45-3	72
5		Heptacosane	380	C27H56	000593-49-7	70



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF031519\
 Data File : BF113063.D
 Acq On : 15 Mar 2019 14:03
 Operator : JU/SJ
 Sample : K1922-01
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ORG-031419

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.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
Octane, 2,6-dimet...	5.99	3.9	ng	190741	1	6.73	976520	20.0
Undecane, 2,6-dim...	6.23	3.1	ng	150084	1	6.73	976520	20.0
unknown6.50	6.50	84.2	ng	4108680	1	6.73	976520	20.0
Ethanol, 2-(2-eth...	6.56	4.2	ng	203100	1	6.73	976520	20.0
unknown7.02	7.02	3.2	ng	155423	1	6.73	976520	20.0
Benzene, 1,4-diet...	7.05	3.5	ng	171482	1	6.73	976520	20.0
unknown7.13	7.13	3.7	ng	178694	1	6.73	976520	20.0
Benzene, 1,2,3,4-...	7.50	3.4	ng	252957	2	8.01	1496640	20.0
Benzene, 2-etheny...	7.75	4.5	ng	336190	2	8.01	1496640	20.0
Hexadecenoic acid...	11.70	3.8	ng	316810	4	11.23	1666290	20.0
n-Hexadecanoic acid	11.78	19.6	ng	1632760	4	11.23	1666290	20.0
Octadecanoic acid	12.56	6.8	ng	553384	5	13.86	1616690	20.0
Ethanol, 2-(tetra...	13.72	6.3	ng	512426	5	13.86	1616690	20.0
Heptadecane	14.34	3.8	ng	307384	5	13.86	1616690	20.0
Octadecane	14.64	7.8	ng	501909	6	15.27	1294400	20.0
Squalene	14.71	14.1	ng	909083	6	15.27	1294400	20.0
Heneicosane	14.96	12.1	ng	780797	6	15.27	1294400	20.0
Octacosane	15.71	10.6	ng	682980	6	15.27	1294400	20.0
n-Hexadecanoic ac...	16.18	6.0	ng	387581	6	15.27	1294400	20.0