

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF040620\
 Data File : BF119817.D
 Acq On : 7 Apr 2020 13:01
 Operator : MA/SJ
 Sample : L2112-01
 Misc :
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HR-06-040220

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-BF031820.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	4.987	487	493	498	rVB	50247	66687	1.60%	0.124%
2	5.392	557	562	565	rBV	3985945	3900502	93.79%	7.238%
3	5.692	610	613	618	rBV	84469	82014	1.97%	0.152%
4	6.034	668	671	673	rBV2	88516	85538	2.06%	0.159%
5	6.222	697	703	706	rBV2	58120	70229	1.69%	0.130%
6	6.316	716	719	721	rBV2	146027	149180	3.59%	0.277%
7	6.381	726	730	731	rBV2	131129	140301	3.37%	0.260%
8	6.416	731	736	739	rVV	3684882	3778561	90.86%	7.011%
9	6.469	741	745	750	rVB3	76357	107820	2.59%	0.200%
10	6.528	750	755	760	rBV4	72827	153146	3.68%	0.284%
11	6.622	766	771	774	rBV2	851446	859287	20.66%	1.594%
12	6.781	795	798	800	rBV	1083829	945657	22.74%	1.755%
13	6.804	800	802	806	rVB2	254454	229724	5.52%	0.426%
14	6.845	806	809	811	rBV2	228107	226997	5.46%	0.421%
15	6.939	821	825	828	rBV	3724398	3293789	79.20%	6.112%
16	6.969	828	830	832	rVB2	109458	86934	2.09%	0.161%
17	7.022	836	839	840	rBV2	65992	68921	1.66%	0.128%
18	7.063	843	846	849	rVB2	399265	378123	9.09%	0.702%
19	7.104	849	853	855	rBV2	299600	373647	8.98%	0.693%
20	7.128	855	857	862	rVB	285045	219577	5.28%	0.407%
21	7.181	862	866	869	rBV2	431233	425852	10.24%	0.790%
22	7.210	869	871	876	rVB4	51698	68106	1.64%	0.126%
23	7.251	876	878	880	rBV	102287	97630	2.35%	0.181%
24	7.275	880	882	886	rVB	119890	87492	2.10%	0.162%
25	7.345	886	894	897	rBV	2527474	3009692	72.37%	5.585%
26	7.386	898	901	904	rVB	1521870	1194696	28.73%	2.217%
27	7.433	904	909	912	rVB4	270617	386264	9.29%	0.717%
28	7.475	912	916	918	rBV3	155955	212893	5.12%	0.395%
29	7.504	918	921	925	rVB3	174651	182969	4.40%	0.340%
30	7.557	925	930	931	rBV4	117614	198807	4.78%	0.369%
31	7.586	931	935	940	rVB3	296688	519915	12.50%	0.965%
32	7.692	946	953	955	rBV4	275712	423941	10.19%	0.787%
33	7.710	955	956	960	rVB4	140424	159652	3.84%	0.296%
34	7.757	960	964	967	rVB3	272563	330633	7.95%	0.614%

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35	7.792	967	970	971	rBV2	299743	281138	6.76%	0.522%
36	7.810	971	973	974	rBV2	242754	177356	4.26%	0.329%
37	7.869	980	983	985	rBV	232516	229050	5.51%	0.425%
38	7.910	988	990	992	rVB	277205	204011	4.91%	0.379%
39	7.939	992	995	999	rBV2	159182	183099	4.40%	0.340%
40	8.028	1004	1010	1012	rBV4	179273	322470	7.75%	0.598%
41	8.057	1012	1015	1020	rVV2	1673463	2517943	60.55%	4.672%
42	8.122	1024	1026	1027	rVV2	244334	255091	6.13%	0.473%
43	8.133	1027	1028	1031	rVV	539777	411701	9.90%	0.764%
44	8.163	1031	1033	1036	rVV2	206014	181105	4.35%	0.336%
45	8.192	1036	1038	1040	rVB3	91980	77452	1.86%	0.144%
46	8.227	1040	1044	1045	rBV3	127289	123470	2.97%	0.229%
47	8.269	1049	1051	1055	rVB2	230212	277729	6.68%	0.515%
48	8.316	1055	1059	1060	rBV2	108911	117467	2.82%	0.218%
49	8.369	1063	1068	1070	rVV4	360792	527434	12.68%	0.979%
50	8.422	1074	1077	1079	rVV2	233208	206647	4.97%	0.383%
51	8.457	1079	1083	1086	rVB3	327577	338418	8.14%	0.628%
52	8.498	1086	1090	1095	rBV	612914	711294	17.10%	1.320%
53	8.539	1095	1097	1099	rVB2	182029	138530	3.33%	0.257%
54	8.575	1099	1103	1106	rBV2	420165	372245	8.95%	0.691%
55	8.616	1106	1110	1112	rBV4	129814	146454	3.52%	0.272%
56	8.669	1115	1119	1123	rVV	1055034	990193	23.81%	1.837%
57	8.733	1127	1130	1132	rVV2	262336	279837	6.73%	0.519%
58	8.763	1132	1135	1138	rVB3	237098	238468	5.73%	0.442%
59	8.892	1155	1157	1162	rVB2	221055	192571	4.63%	0.357%
60	8.951	1165	1167	1169	rBV	153562	144351	3.47%	0.268%
61	9.033	1179	1181	1184	rVB2	214391	172972	4.16%	0.321%
62	9.075	1185	1188	1189	rVV	129871	113864	2.74%	0.211%
63	9.098	1189	1192	1196	rVB2	501703	462393	11.12%	0.858%
64	9.151	1196	1201	1204	rBV	4929246	4158673	100.00%	7.717%
65	9.233	1211	1215	1219	rBV	868163	800518	19.25%	1.485%
66	9.298	1224	1226	1229	rVV	202314	214633	5.16%	0.398%
67	9.486	1256	1258	1260	rVV2	141457	131707	3.17%	0.244%
68	9.510	1260	1262	1264	rVV3	161555	123329	2.97%	0.229%
69	9.545	1264	1268	1272	rVV2	860980	1044574	25.12%	1.938%
70	9.574	1272	1273	1276	rVV2	173102	132528	3.19%	0.246%
71	9.610	1276	1279	1282	rVB2	141289	138954	3.34%	0.258%

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72	9.645	1282	1285	1289	rVB4	47849	69851	1.68%	0.130%
73	9.763	1303	1305	1310	rVB	550728	414167	9.96%	0.769%
74	9.827	1310	1316	1319	rVV	1538743	1317068	31.67%	2.444%
75	9.933	1332	1334	1338	rVB4	58282	68469	1.65%	0.127%
76	9.992	1342	1344	1347	rVV3	51820	73352	1.76%	0.136%
77	10.027	1347	1350	1353	rVB4	80907	83565	2.01%	0.155%
78	10.086	1358	1360	1364	rVB3	99785	96781	2.33%	0.180%
79	10.263	1387	1390	1393	rVB	309932	242803	5.84%	0.451%
80	10.486	1422	1428	1431	rBV	126970	159512	3.84%	0.296%
81	10.616	1445	1450	1453	rBV	2908168	2539844	61.07%	4.713%
82	10.739	1468	1471	1479	rVB2	187998	266280	6.40%	0.494%
83	11.186	1544	1547	1549	rBV	113696	87993	2.12%	0.163%
84	11.216	1549	1552	1558	rVB2	105010	118616	2.85%	0.220%
85	11.316	1565	1569	1571	rBV	1369921	1181949	28.42%	2.193%
86	11.716	1634	1637	1643	rVB2	103687	96315	2.32%	0.179%
87	11.845	1656	1659	1663	rBV	372697	317205	7.63%	0.589%
88	12.398	1751	1753	1755	rBV3	146115	152791	3.67%	0.284%
89	12.421	1755	1757	1760	rVB	219425	186950	4.50%	0.347%
90	12.574	1781	1783	1789	rVB2	117115	108602	2.61%	0.202%
91	12.633	1790	1793	1799	rBV	160123	200117	4.81%	0.371%
92	12.757	1811	1814	1816	rBV	87407	73944	1.78%	0.137%
93	12.904	1835	1839	1842	rBV	4036905	3708869	89.18%	6.882%
94	13.139	1877	1879	1884	rVB3	89602	87580	2.11%	0.163%
95	13.386	1918	1921	1926	rBV	230648	208333	5.01%	0.387%
96	13.810	1990	1993	2003	rBV	355855	498572	11.99%	0.925%
97	13.957	2014	2018	2021	rBV	1057463	968588	23.29%	1.797%
98	14.127	2045	2047	2053	rVB2	123231	118650	2.85%	0.220%
99	14.433	2097	2099	2101	rBV	147705	139831	3.36%	0.259%
100	15.409	2261	2265	2268	rBV	550808	649685	15.62%	1.206%

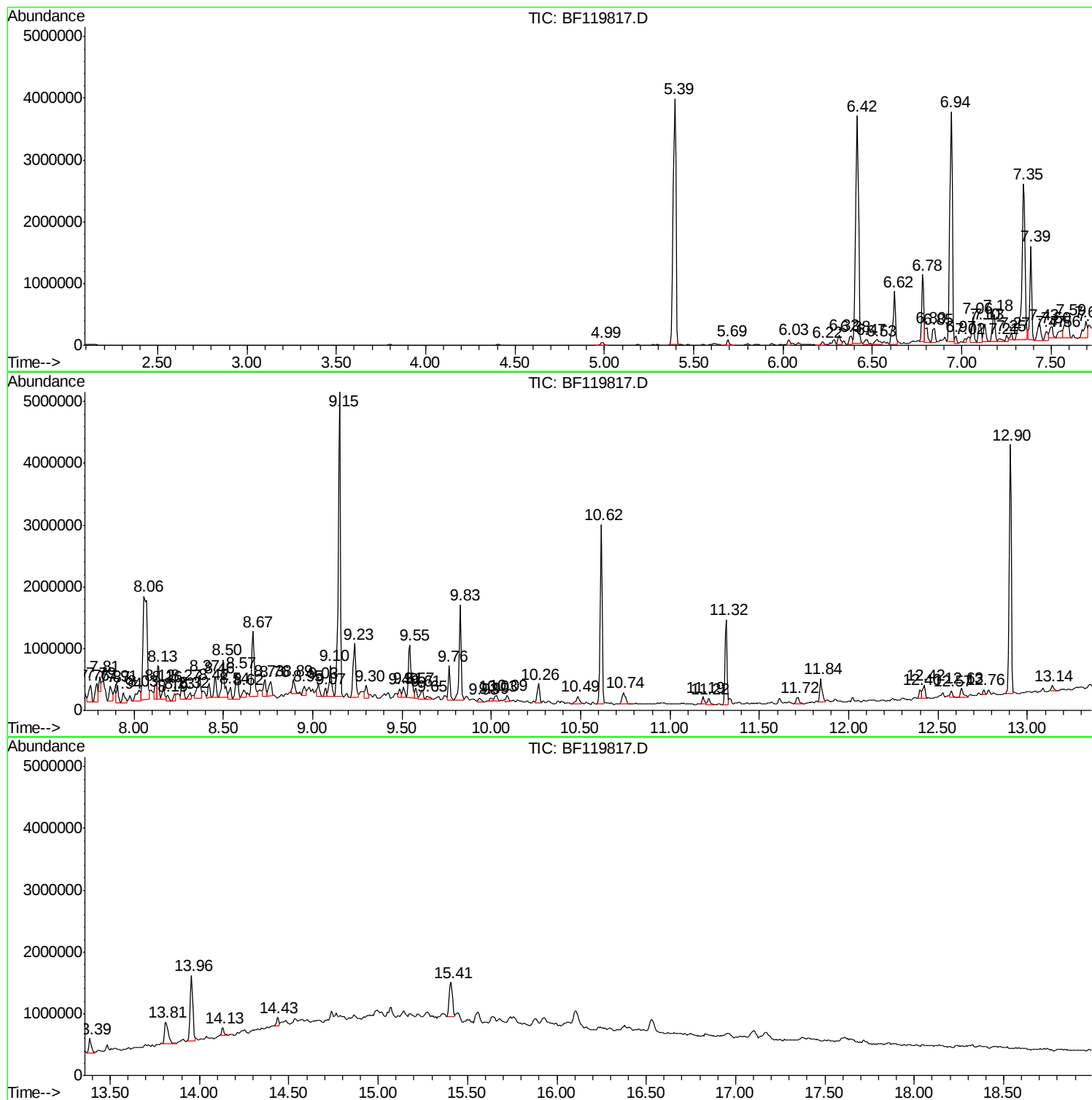
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ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF031820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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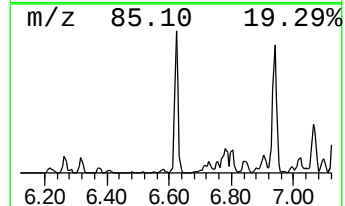
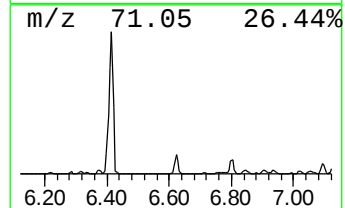
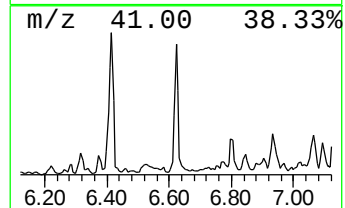
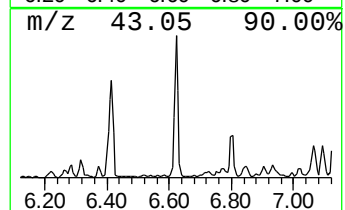
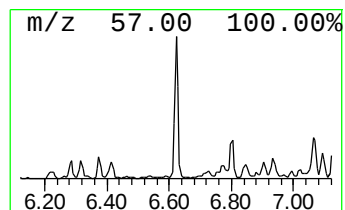
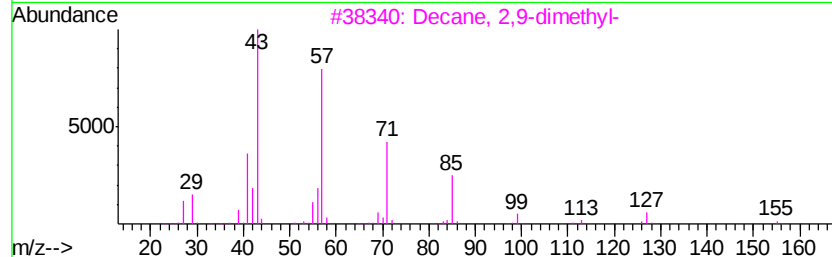
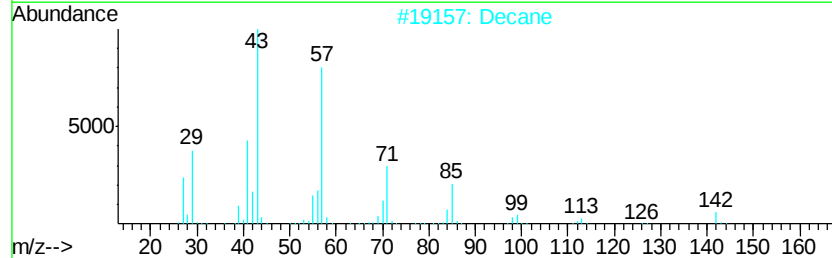
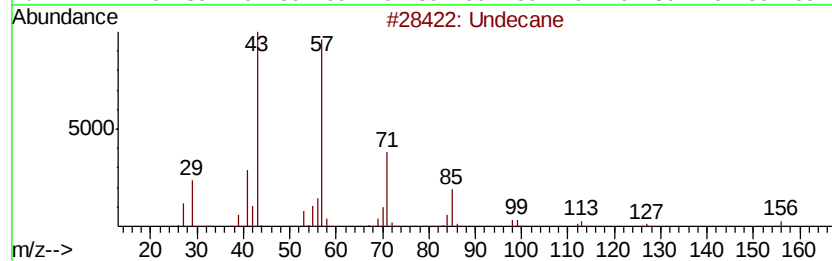
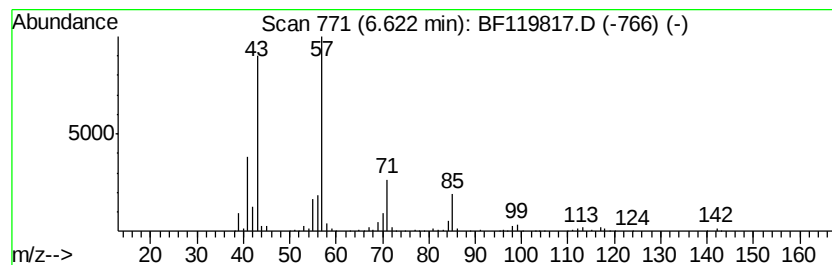
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF031820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 Undecane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.62	18.17 ng	859287	1,4-Dichlorobenzene-d4	6.78

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane		156	C11H24	001120-21-4	83
2	Decane		142	C10H22	000124-18-5	78
3	Decane, 2,9-dimethyl-		170	C12H26	001002-17-1	64
4	Hexadecane		226	C16H34	000544-76-3	64
5	Nonane		128	C9H20	000111-84-2	64



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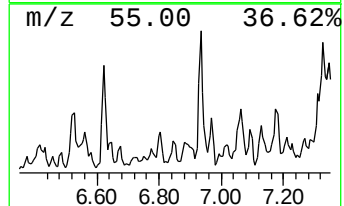
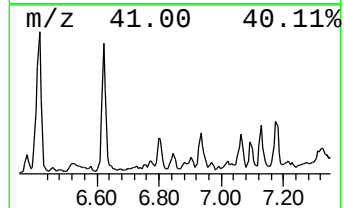
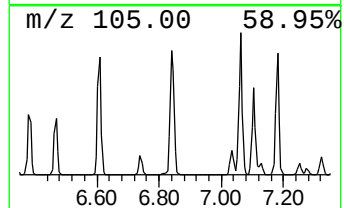
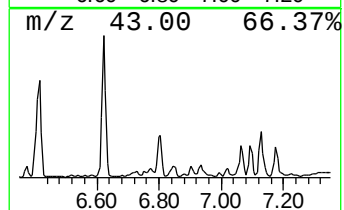
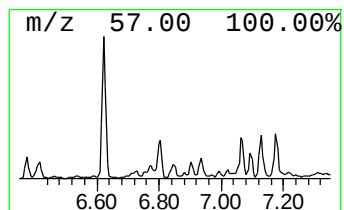
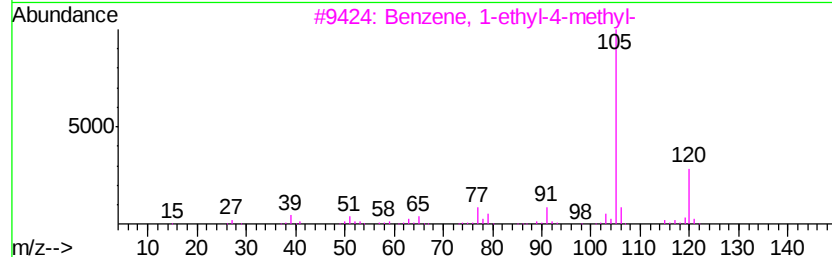
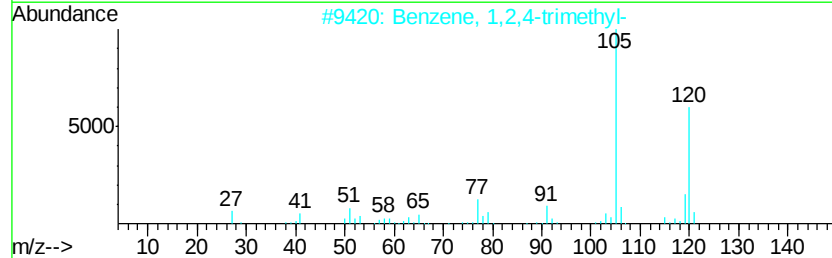
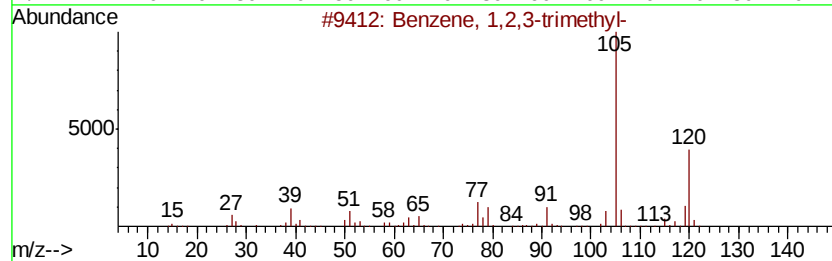
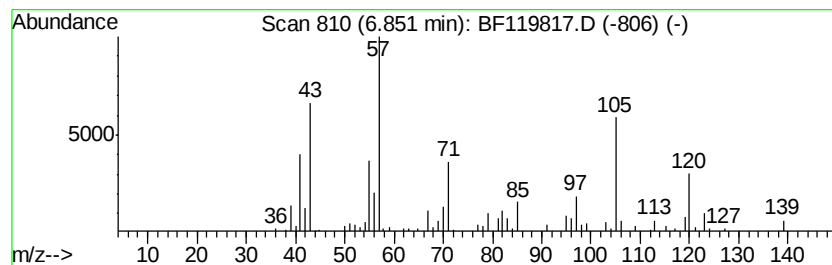
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Peak Number 2 Benzene, 1,2,3-trimethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.85	4.80 ng	226997	1,4-Dichlorobenzene-d4	6.78

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	94
2		Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	90
3		Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	87
4		Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	87
5		Mesitylene	120	C9H12	000108-67-8	81



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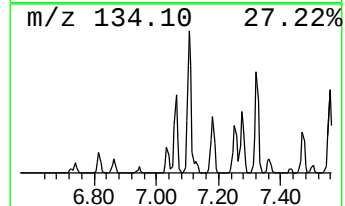
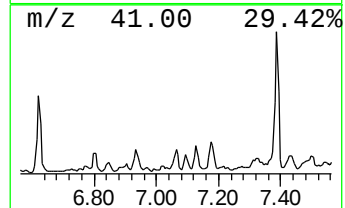
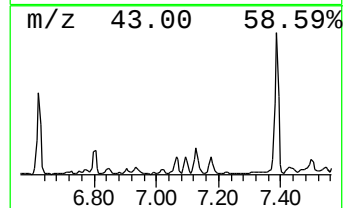
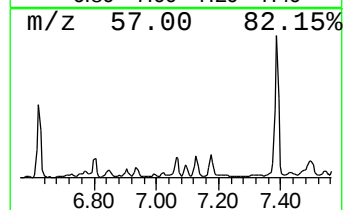
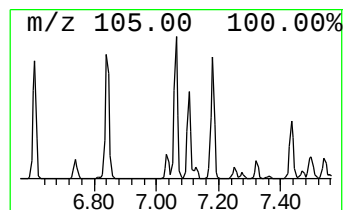
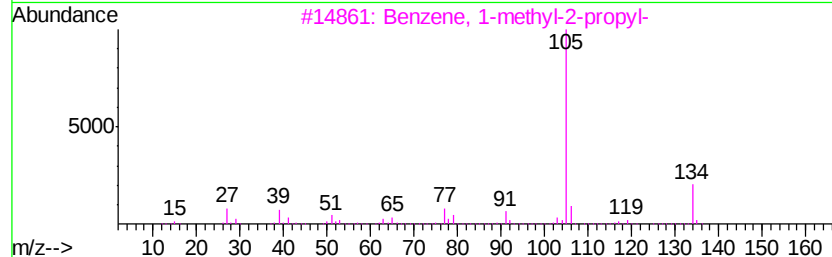
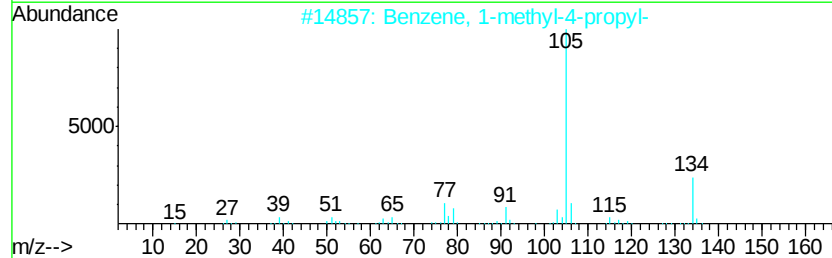
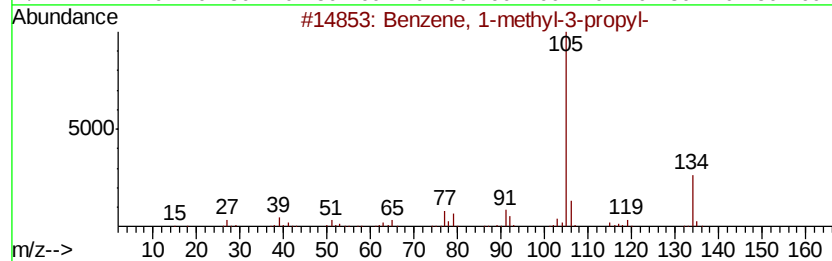
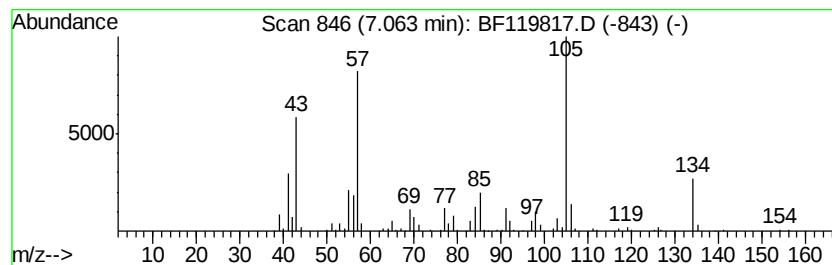
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Peak Number 4 unknown7.06 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.06	8.00 ng	378123	1,4-Dichlorobenzene-d4	6.78

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-methyl-3-propyl-	134	C10H14	001074-43-7	46
2		Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	46
3		Benzene, 1-methyl-2-propyl-	134	C10H14	001074-17-5	46
4		2-Tolyloxirane	134	C9H10O	002783-26-8	38
5		Benzene, (1-methylpropyl)-	134	C10H14	000135-98-8	30



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF040620\
Data File : BF119817.D
Acq On : 7 Apr 2020 13:01
Operator : MA/SJ
Sample : L2112-01
Misc :
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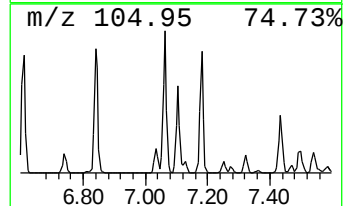
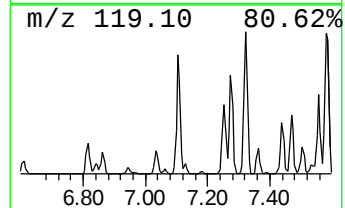
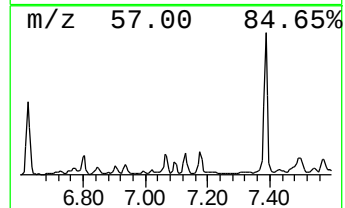
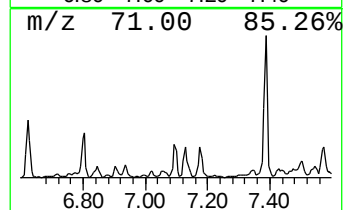
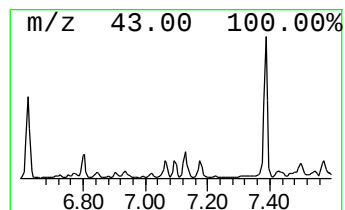
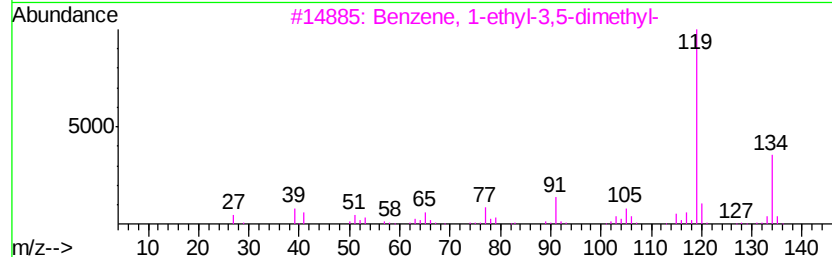
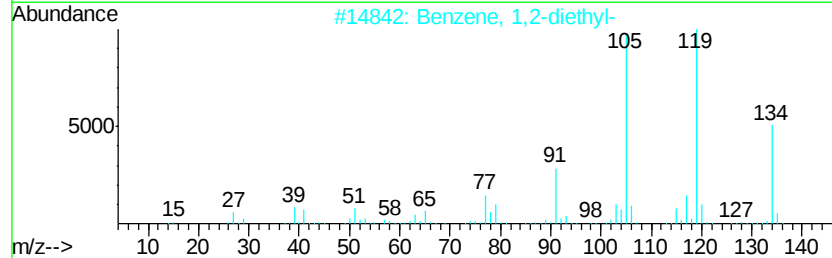
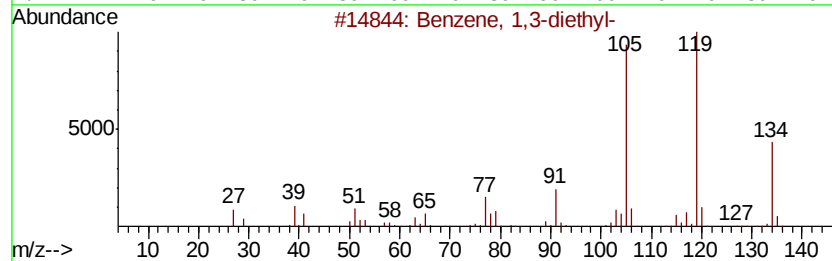
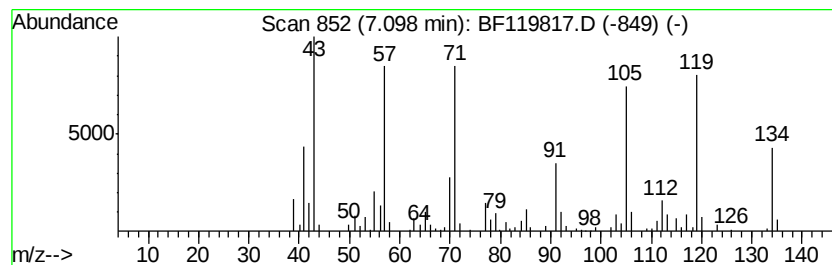
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ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF031820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Benzene, 1,3-diethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.10	7.90 ng	373647	1,4-Dichlorobenzene-d4	6.78
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Benzene, 1,3-diethyl-	134 C10H14	000141-93-5 96
2		Benzene, 1,2-diethyl-	134 C10H14	000135-01-3 94
3		Benzene, 1-ethyl-3,5-dimethyl-	134 C10H14	000934-74-7 94
4		Benzene, 2-ethyl-1,4-dimethyl-	134 C10H14	001758-88-9 91
5		Benzene, 1-ethyl-2,3-dimethyl-	134 C10H14	000933-98-2 91



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF040620\
Data File : BF119817.D
Acq On : 7 Apr 2020 13:01
Operator : MA/SJ
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Instrument :
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ClientSampleId :
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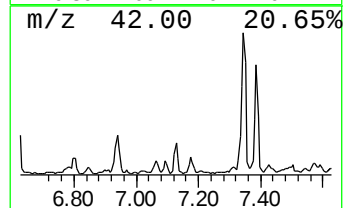
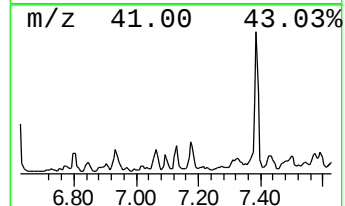
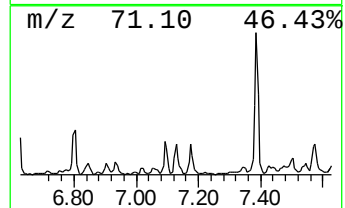
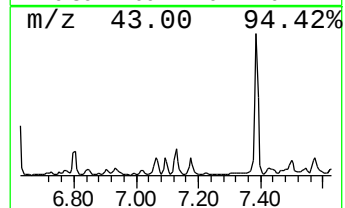
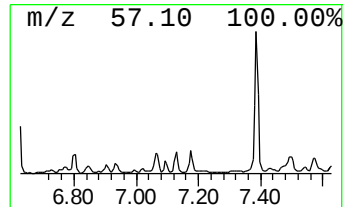
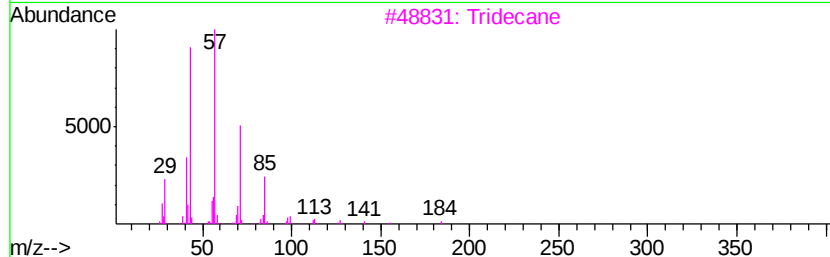
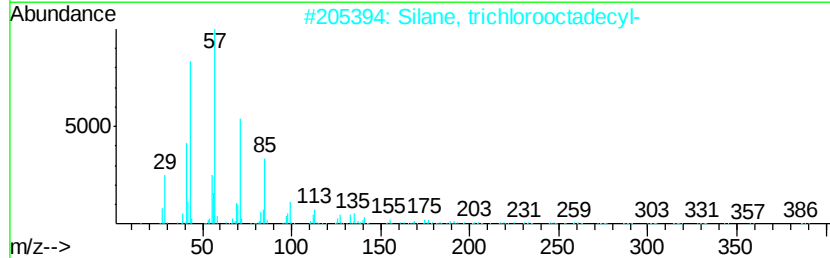
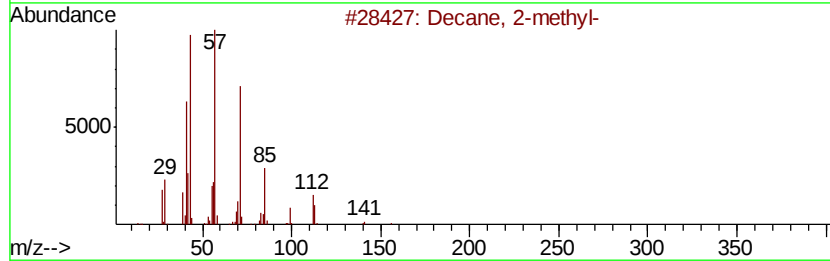
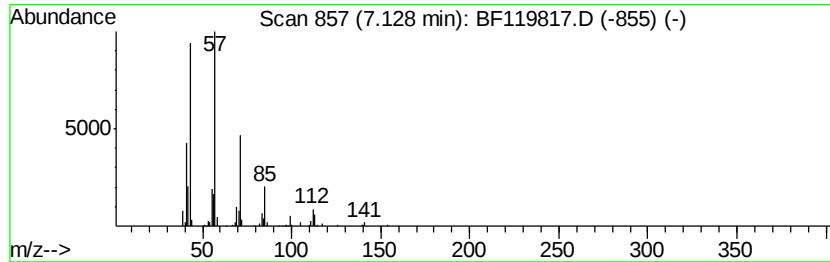
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Decane, 2-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.13	4.64 ng	219577	1,4-Dichlorobenzene-d4	6.78

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Decane, 2-methyl-	156	C11H24	006975-98-0	80
2			Silane, trichlorooctadecyl-	386	C18H37Cl3Si	000112-04-9	78
3			Tridecane	184	C13H28	000629-50-5	64
4			Heptane, 2,6-dimethyl-	128	C9H20	001072-05-5	59
5			Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	59



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF040620\
Data File : BF119817.D
Acq On : 7 Apr 2020 13:01
Operator : MA/SJ
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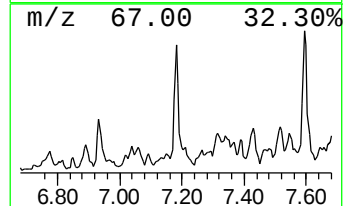
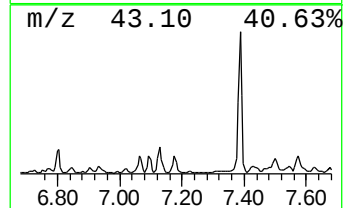
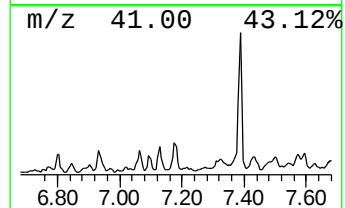
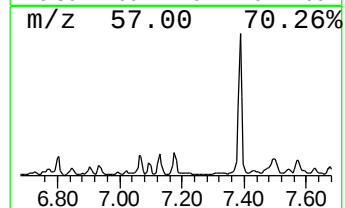
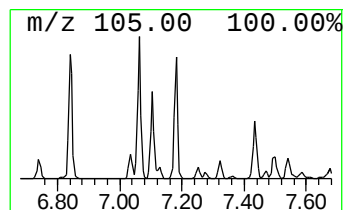
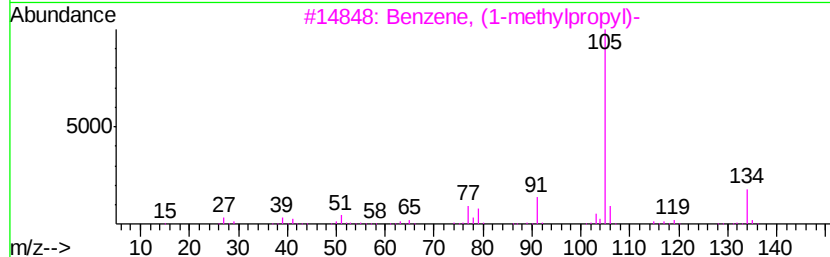
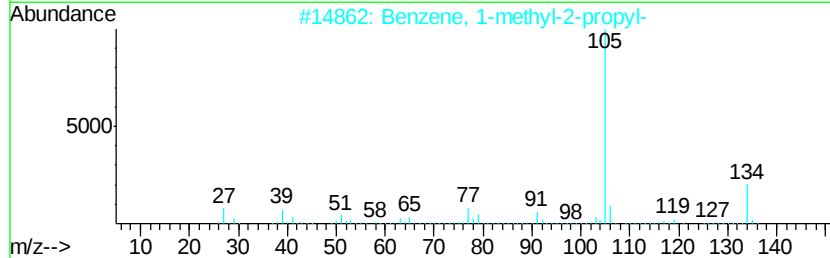
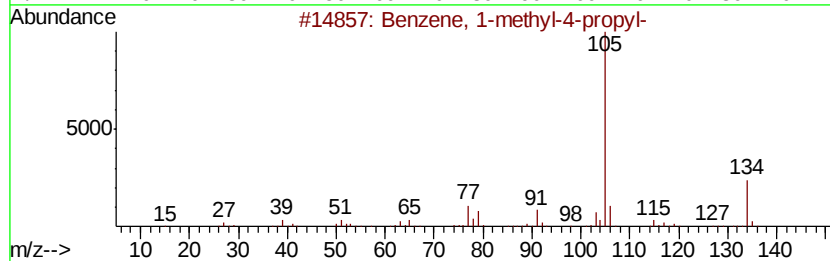
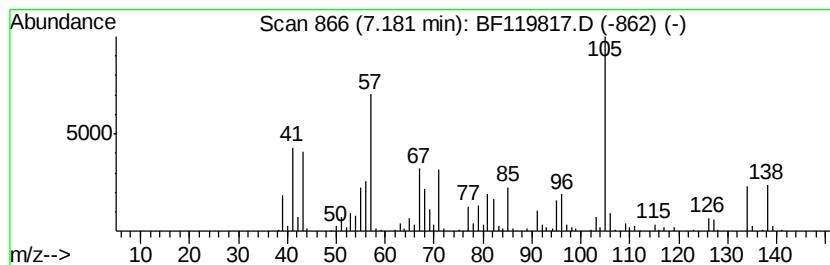
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 unknown7.18 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.18	9.01 ng	425852	1,4-Dichlorobenzene-d4	6.78

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	47
2		Benzene, 1-methyl-2-propyl-	134	C10H14	001074-17-5	35
3		Benzene, (1-methylpropyl)-	134	C10H14	000135-98-8	35
4		2-Tolyloxirane	134	C9H10O	002783-26-8	35
5		Benzeneacetaldehyde, .alpha.-met...	134	C9H10O	000093-53-8	35



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF040620\
Data File : BF119817.D
Acq On : 7 Apr 2020 13:01
Operator : MA/SJ
Sample : L2112-01
Misc :
ALS Vial : 46 Sample Multiplier: 1

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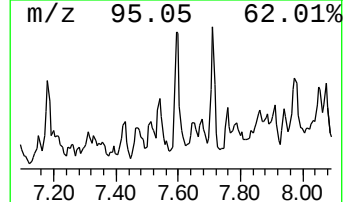
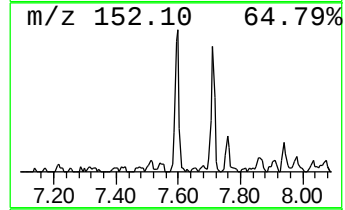
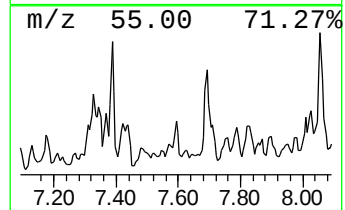
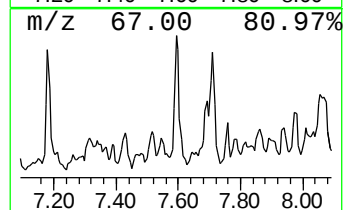
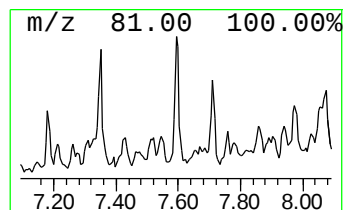
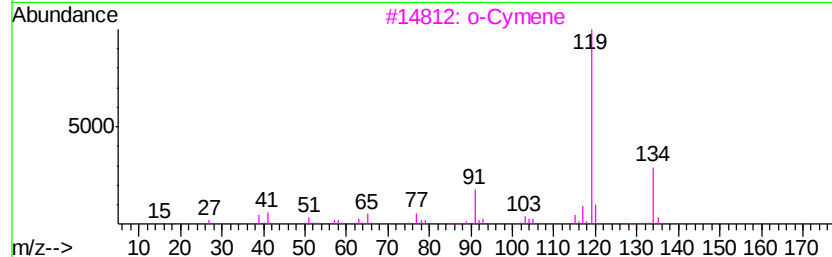
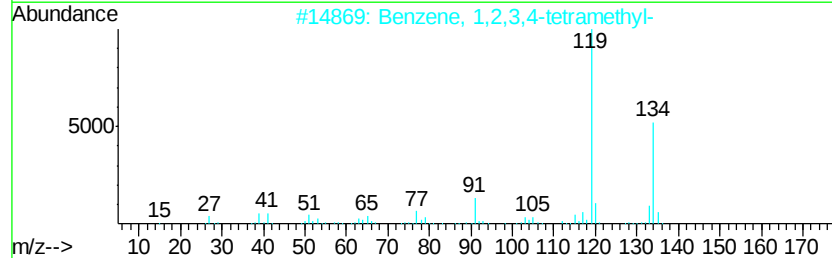
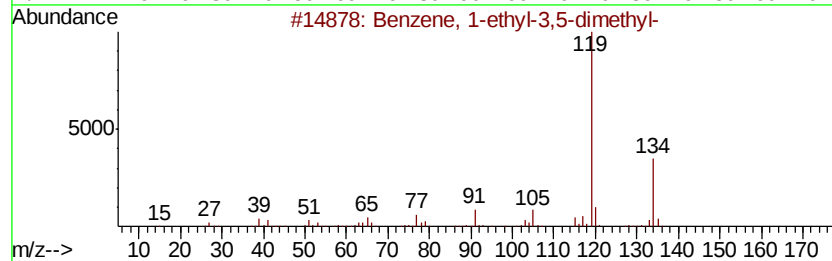
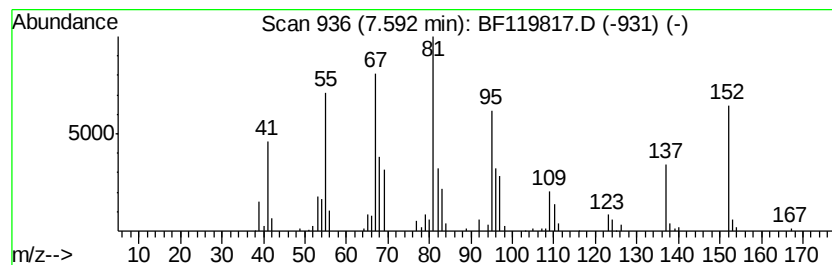
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Benzene, 1-ethyl-3,5-dimethyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.59	4.13 ng	519915	Napthalene-d8	8.07

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	81
2		Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	76
3		o-Cymene	134	C10H14	000527-84-4	76
4		Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	74
5		Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	74



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF040620\
Data File : BF119817.D
Acq On : 7 Apr 2020 13:01
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Misc :
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Instrument :
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ClientSampleId :
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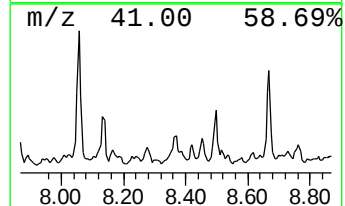
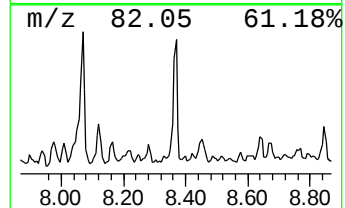
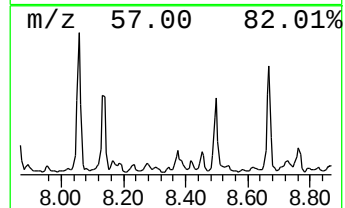
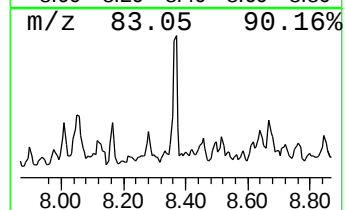
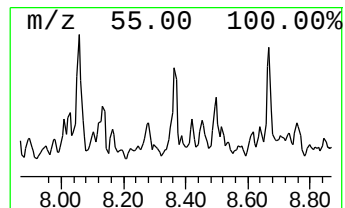
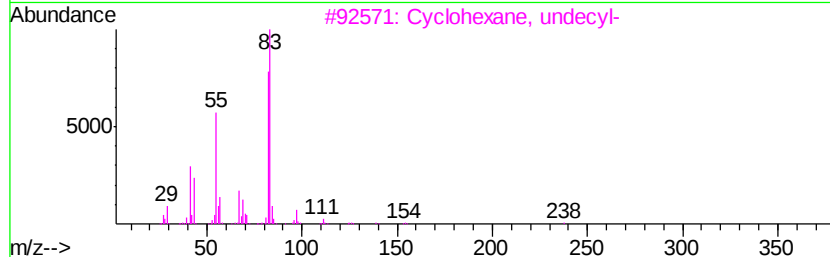
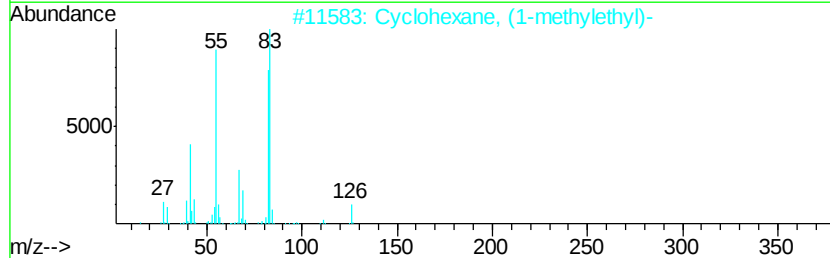
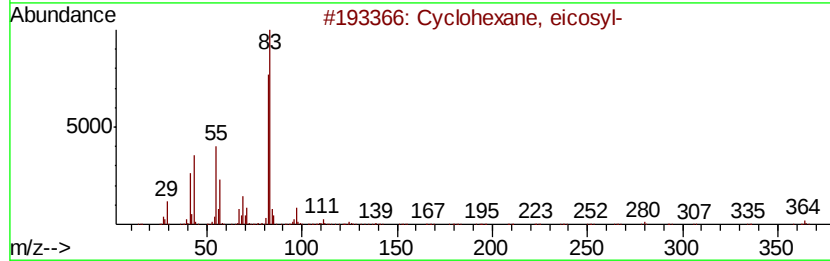
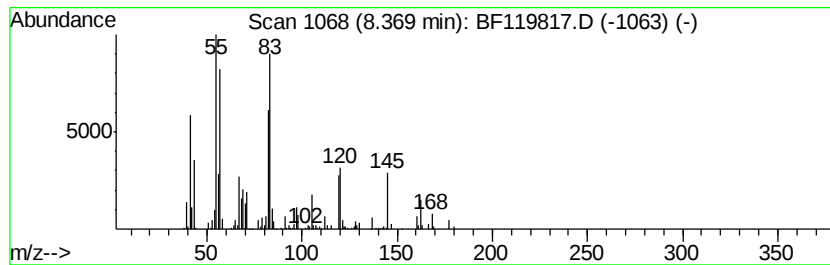
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 unknown8.37 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.37	4.19 ng	527434	Naphthalene-d8	8.07

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexane, eicosyl-	364	C26H52	004443-55-4	47
2		Cyclohexane, (1-methylethyl)-	126	C9H18	000696-29-7	47
3		Cyclohexane, undecyl-	238	C17H34	054105-66-7	47
4		Cyclohexane, (4-methylpentyl)-	168	C12H24	061142-20-9	47
5		Cyclohexane, butyl-	140	C10H20	001678-93-9	47



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF040620\
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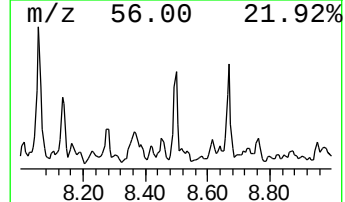
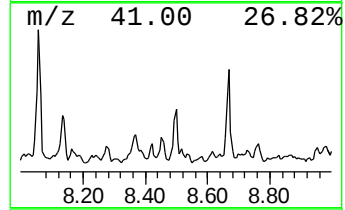
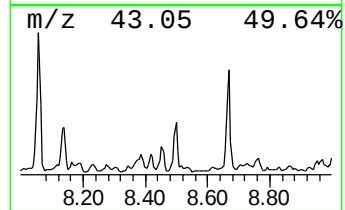
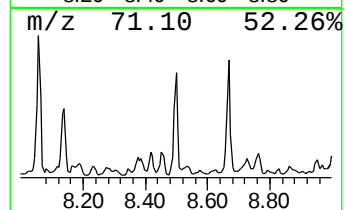
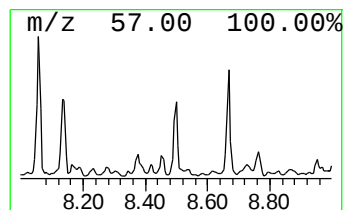
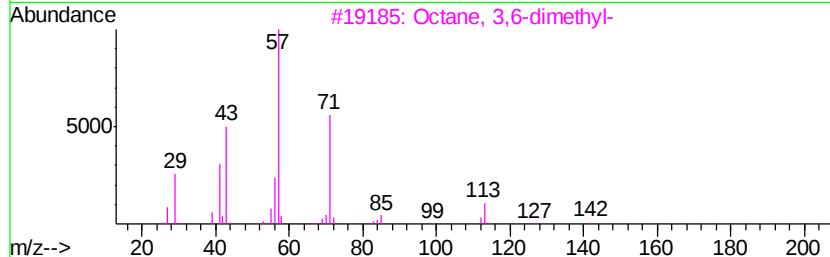
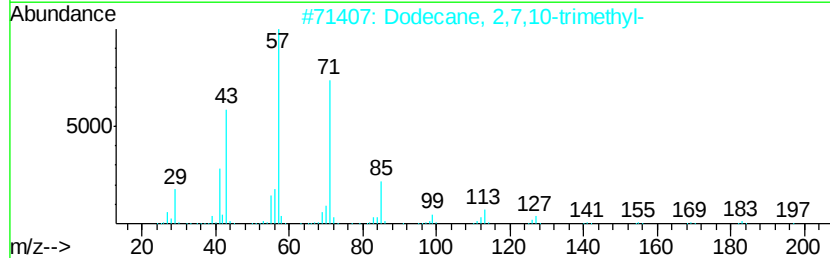
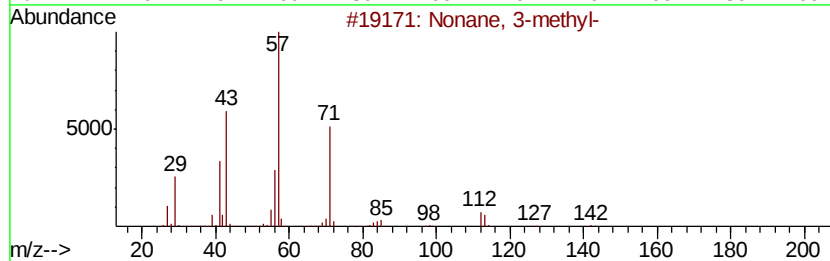
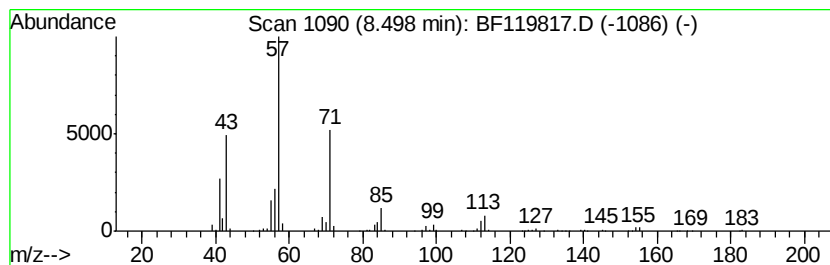
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Nonane, 3-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.50	5.65 ng	711294	Naphthalene-d8	8.07
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Nonane, 3-methyl-	142 C10H22	005911-04-6	80
2	Dodecane, 2,7,10-trimethyl-	212 C15H32	074645-98-0	78
3	Octane, 3,6-dimethyl-	142 C10H22	015869-94-0	72
4	Octane, 2,6-dimethyl-	142 C10H22	002051-30-1	72
5	Decane, 2,6,7-trimethyl-	184 C13H28	062108-25-2	72



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF040620\
Data File : BF119817.D
Acq On : 7 Apr 2020 13:01
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ALS Vial : 46 Sample Multiplier: 1

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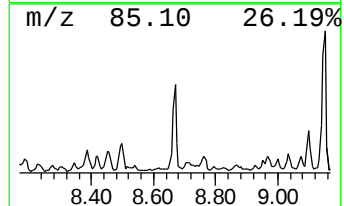
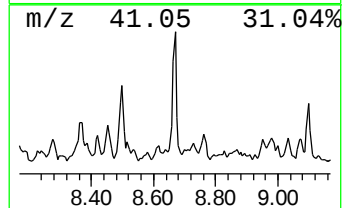
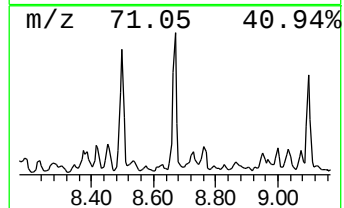
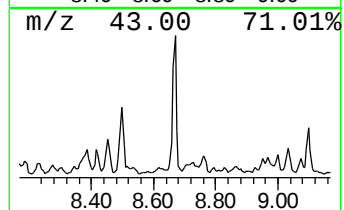
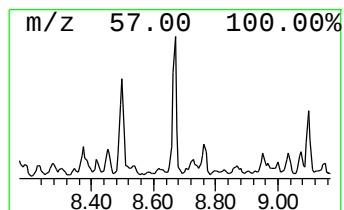
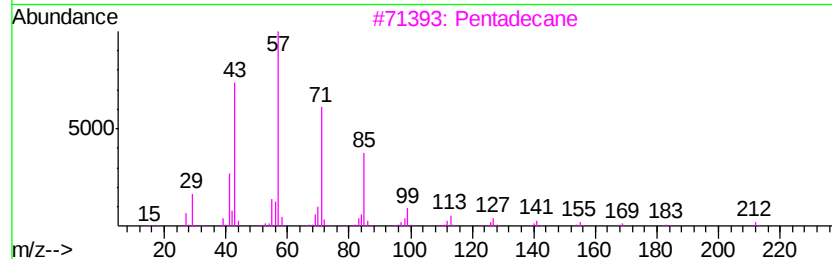
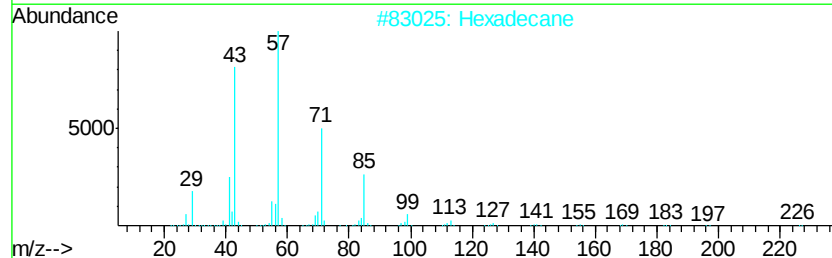
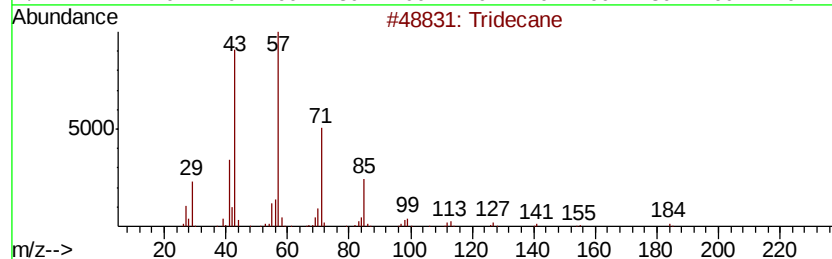
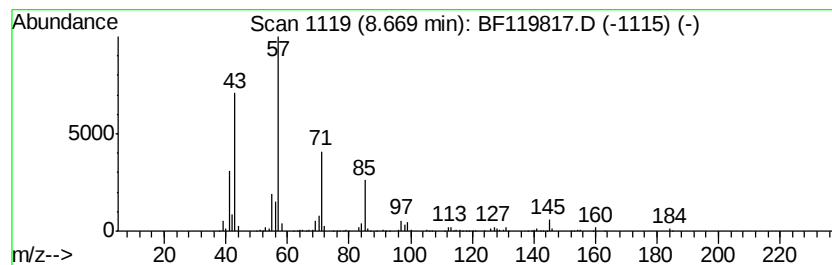
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Tridecane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.67	7.87 ng	990193	Naphthalene-d8	8.07

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tridecane	184	C13H28	000629-50-5	95
2			Hexadecane	226	C16H34	000544-76-3	87
3			Pentadecane	212	C15H32	000629-62-9	72
4			Tetradecane	198	C14H30	000629-59-4	72
5			Tridecane, 7-propyl-	226	C16H34	055045-09-5	64



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF040620\
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Acq On : 7 Apr 2020 13:01
Operator : MA/SJ
Sample : L2112-01
Misc :
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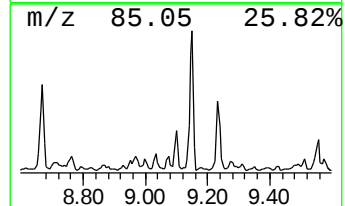
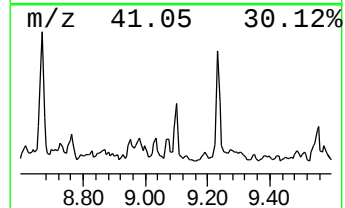
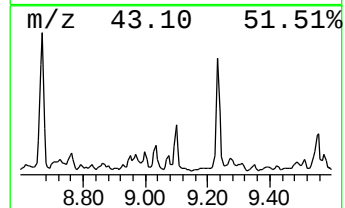
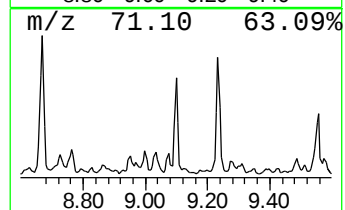
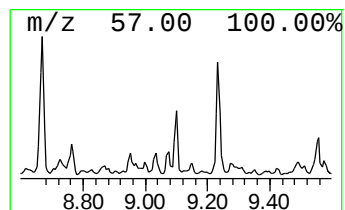
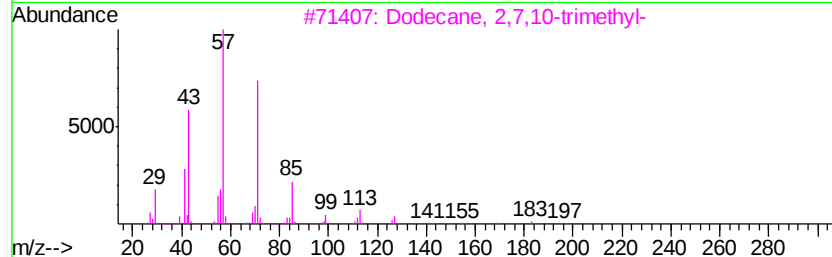
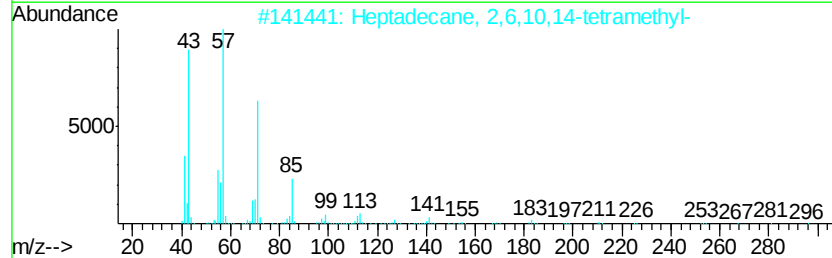
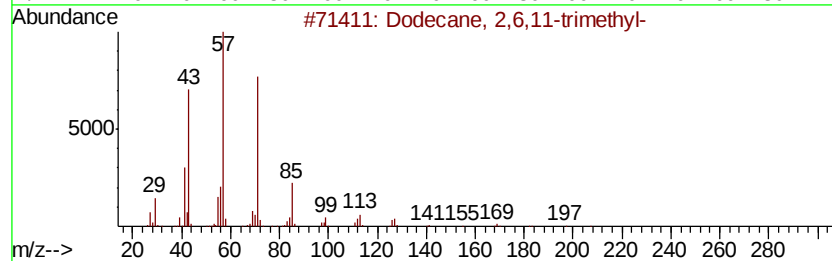
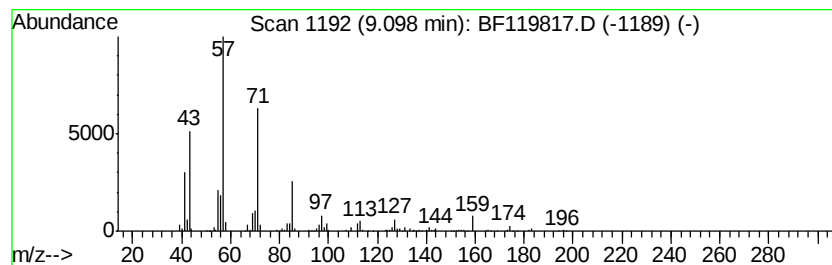
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Dodecane, 2,6,11-trimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.10	7.02 ng	462393	Acenaphthene-d10	9.83
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Dodecane, 2,6,11-trimethyl-	212 C15H32	031295-56-4	86
2	Heptadecane, 2,6,10,14-tetramethyl-	296 C21H44	018344-37-1	72
3	Dodecane, 2,7,10-trimethyl-	212 C15H32	074645-98-0	72
4	Hexadecane	226 C16H34	000544-76-3	64
5	Dodecane, 2,6,10-trimethyl-	212 C15H32	003891-98-3	64



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF040620\
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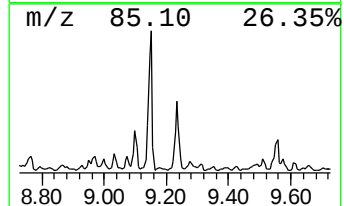
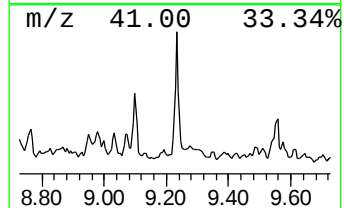
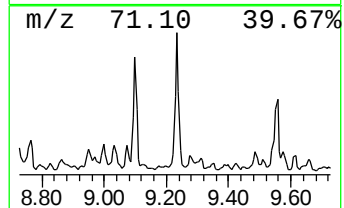
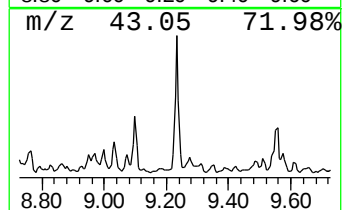
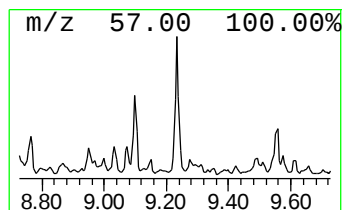
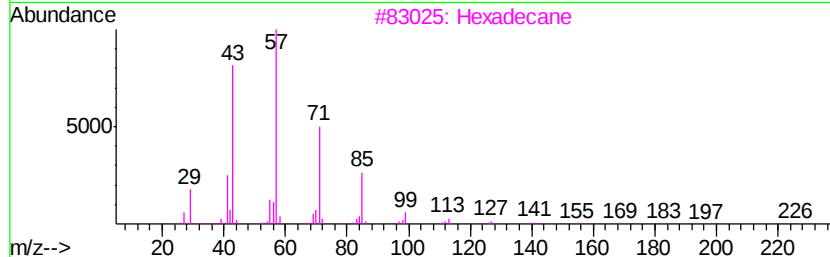
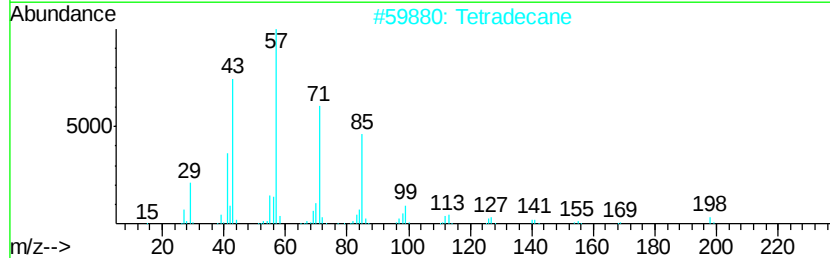
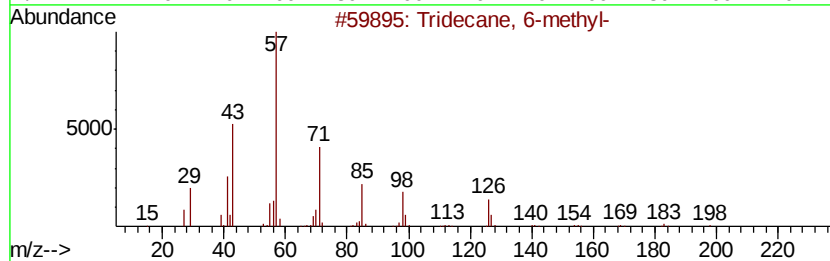
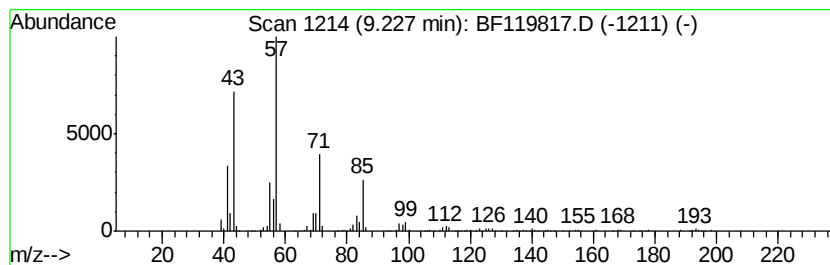
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Tridecane, 6-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.23	12.16 ng	800518	Acenaphthene-d10	9.83
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Tridecane, 6-methyl-	198 C14H30	013287-21-3 94
2		Tetradecane	198 C14H30	000629-59-4 90
3		Hexadecane	226 C16H34	000544-76-3 87
4		Tridecane	184 C13H28	000629-50-5 80
5		Dodecane, 2-methyl-6-propyl-	226 C16H34	055045-08-4 78



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF040620\
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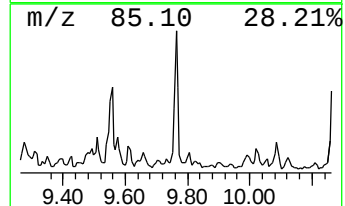
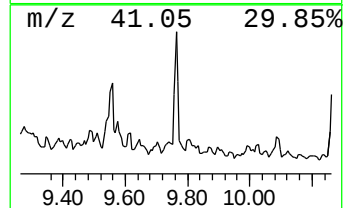
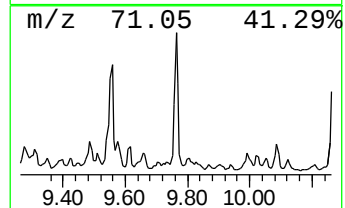
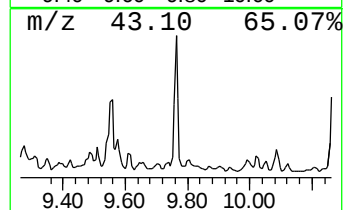
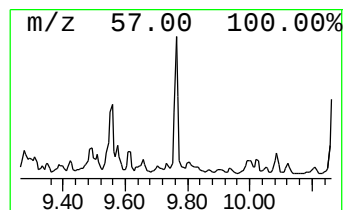
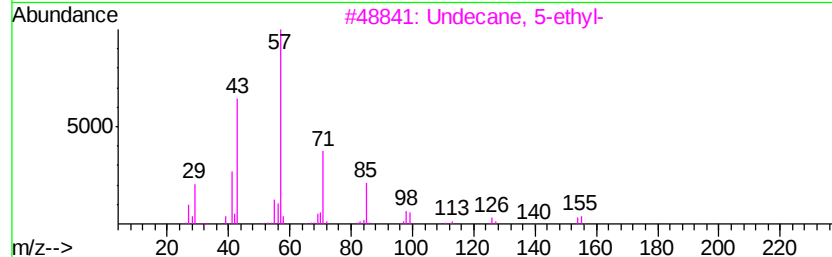
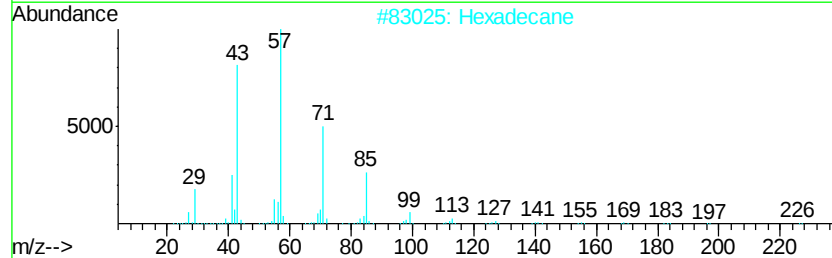
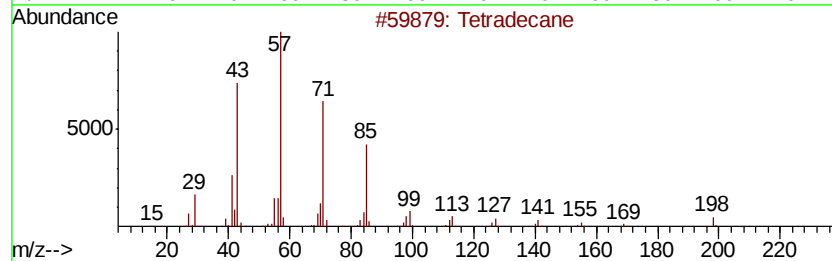
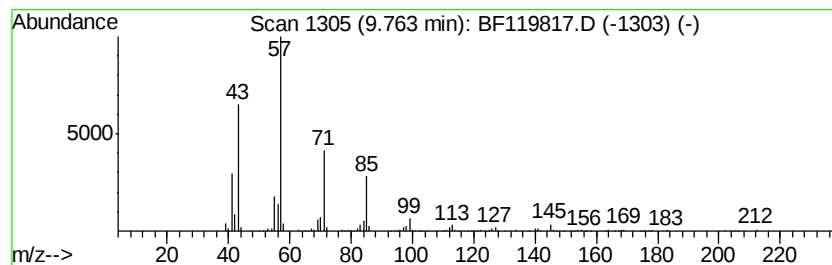
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Tetradecane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.76	6.29 ng	414167	Acenaphthene-d10	9.83

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tetradecane	198	C14H30	000629-59-4	86
2		Hexadecane	226	C16H34	000544-76-3	86
3		Undecane, 5-ethyl-	184	C13H28	017453-94-0	78
4		Sulfurous acid, 2-propyl tridecy...	306	C16H34O3S	1000309-12-4	64
5		Decane, 3-bromo-	220	C10H21Br	030571-71-2	64



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF040620\
Data File : BF119817.D
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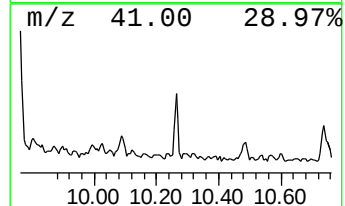
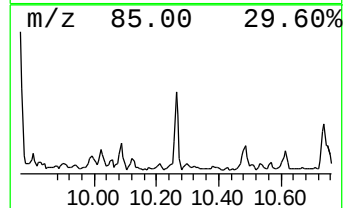
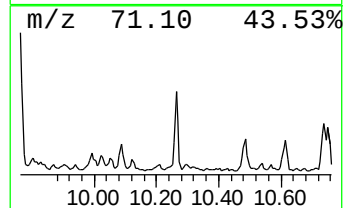
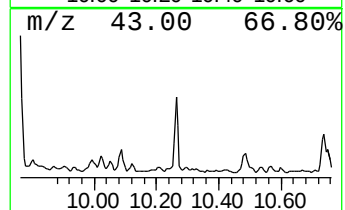
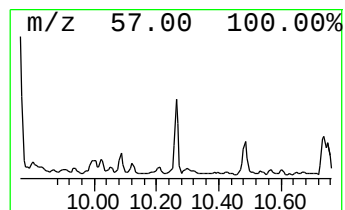
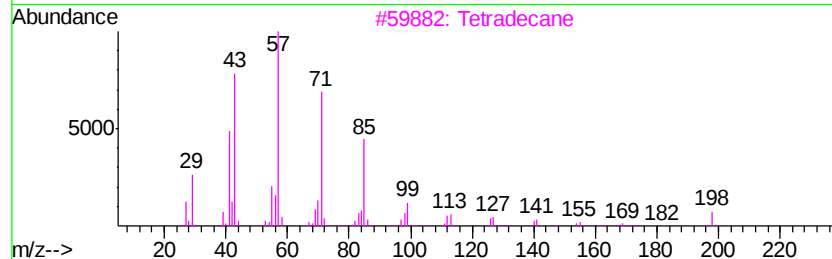
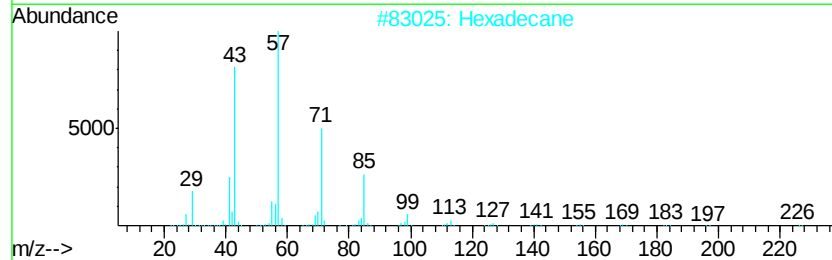
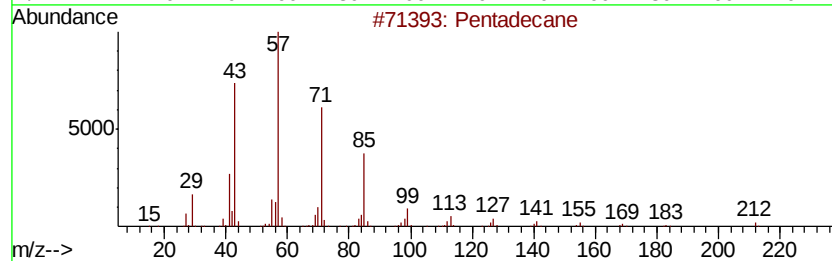
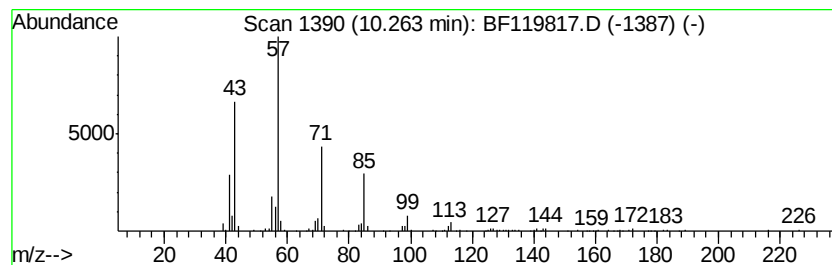
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 15 Pentadecane Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.26	3.69 ng	242803	Acenaphthene-d10	9.83

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane		212	C15H32	000629-62-9	86
2	Hexadecane		226	C16H34	000544-76-3	86
3	Tetradecane		198	C14H30	000629-59-4	80
4	Sulfurous acid, 2-ethylhexyl hex...		278	C14H30O3S	1000309-20-2	80
5	Octadecane		254	C18H38	000593-45-3	72



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF040620\
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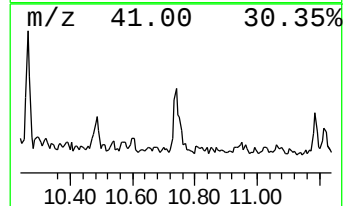
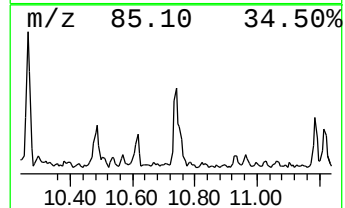
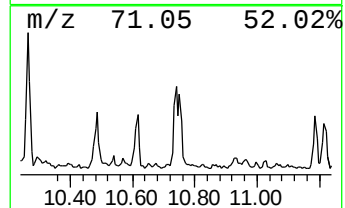
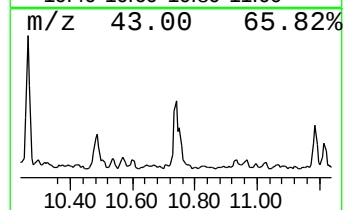
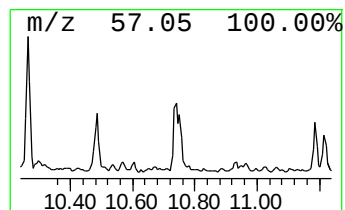
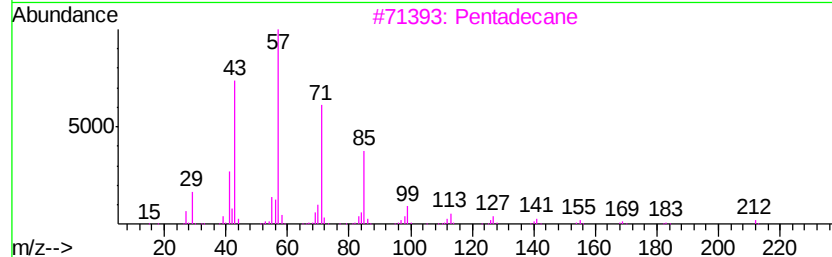
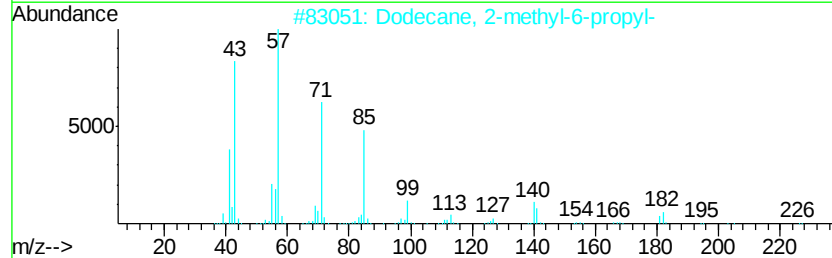
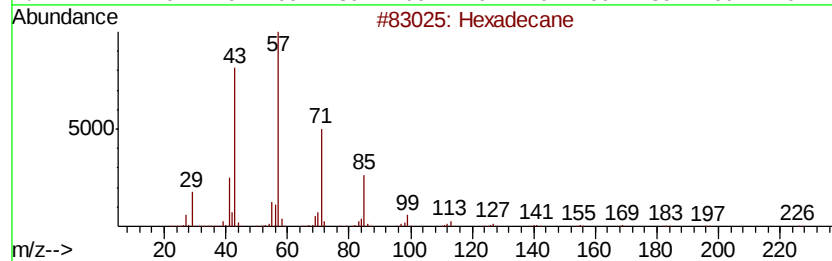
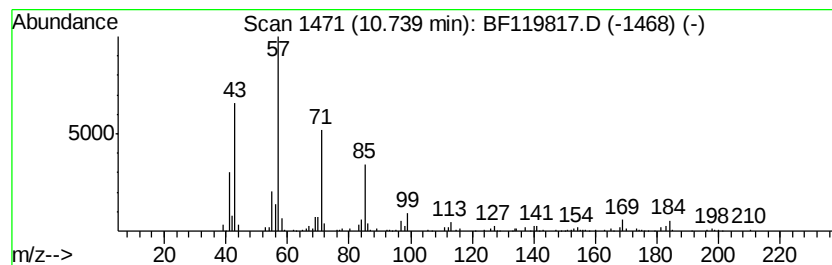
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 Hexadecane Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.	
10.74	4.51 ng	266280	Phenanthrene-d10	11.32	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	80
2	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	80
3	Pentadecane	212	C15H32	000629-62-9	80
4	Tridecane	184	C13H28	000629-50-5	80
5	Tetradecane, 1-iodo-	324	C14H29I	019218-94-1	80



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF040620\
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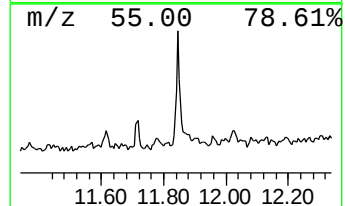
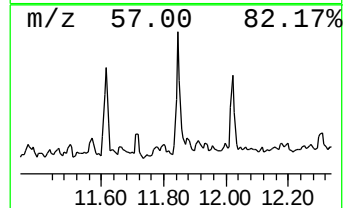
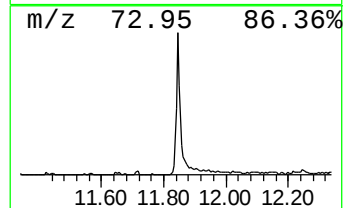
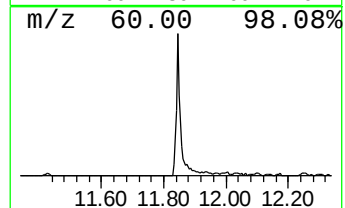
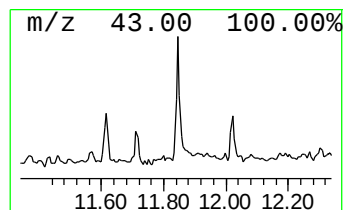
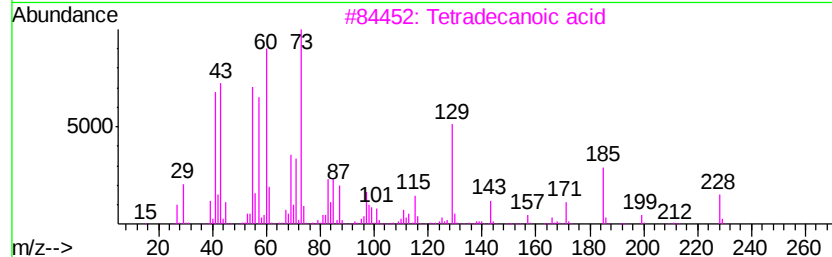
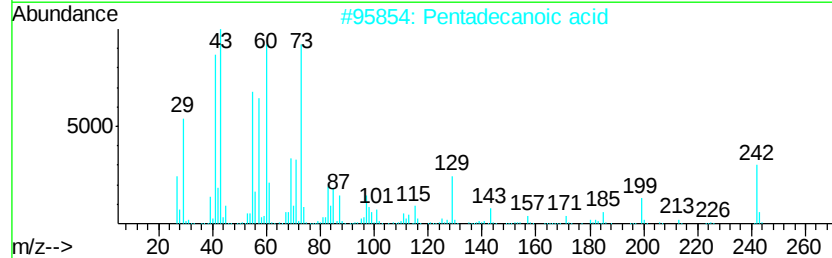
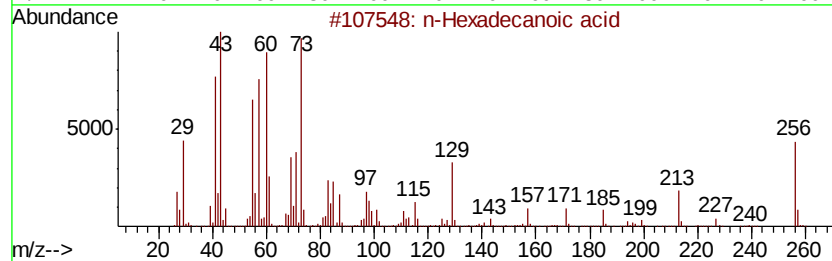
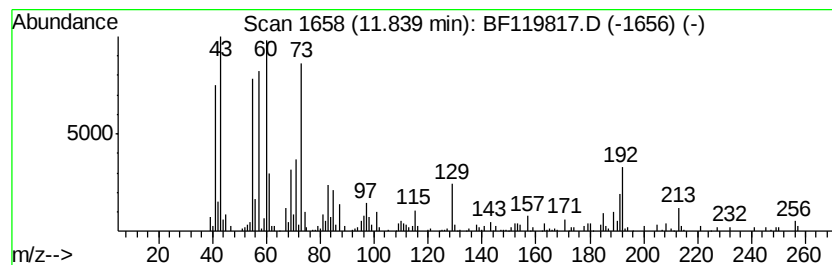
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 n-Hexadecanoic acid Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD		R.T.
11.84	5.37 ng	317205	Phenanthrene-d10		11.32
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	83
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	72
4	Undecanoic acid	186	C11H22O2	000112-37-8	58
5	n-Decanoic acid	172	C10H20O2	000334-48-5	50



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF040620\
Data File : BF119817.D
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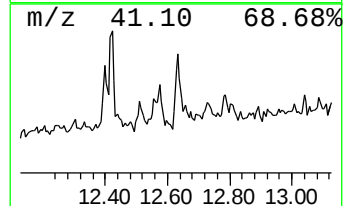
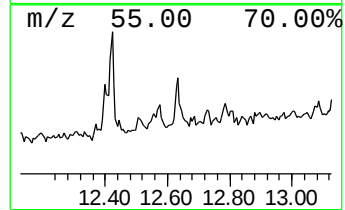
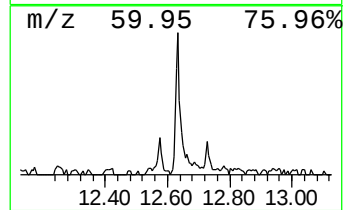
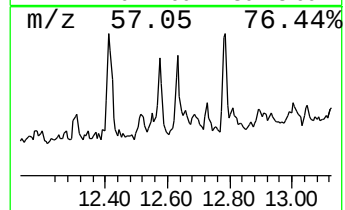
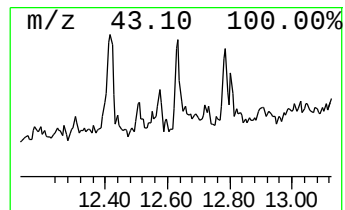
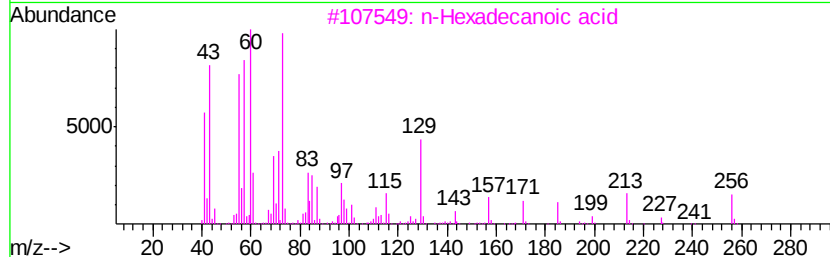
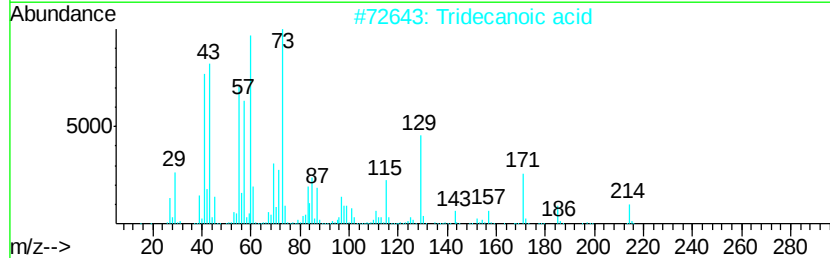
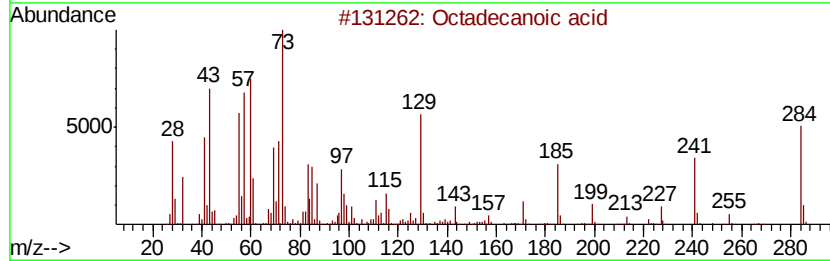
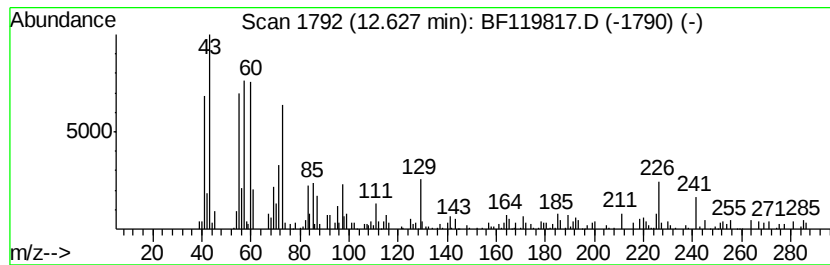
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 Octadecanoic acid Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.63	3.39 ng	200117	Phenanthrene-d10	11.32

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octadecanoic acid	284	C18H36O2	000057-11-4	93
2			Tridecanoic acid	214	C13H26O2	000638-53-9	81
3			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	74
4			Octadecanoic acid, 2-(2-hydroxyve...	372	C22H44O4	000106-11-6	72
5			n-Decanoic acid	172	C10H20O2	000334-48-5	70



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF040620\
Data File : BF119817.D
Acq On : 7 Apr 2020 13:01
Operator : MA/SJ
Sample : L2112-01
Misc :
ALS Vial : 46 Sample Multiplier: 1

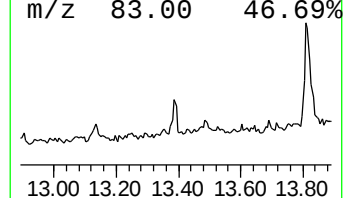
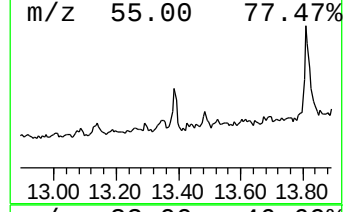
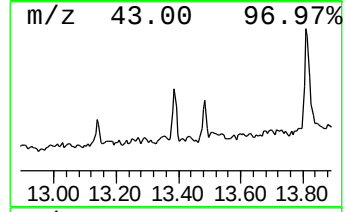
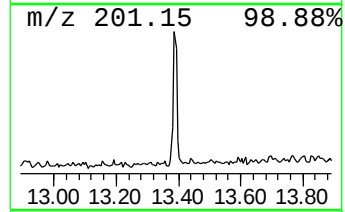
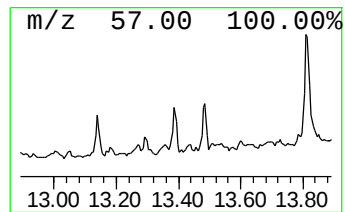
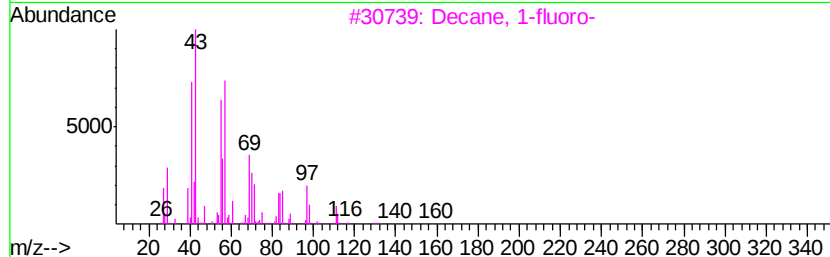
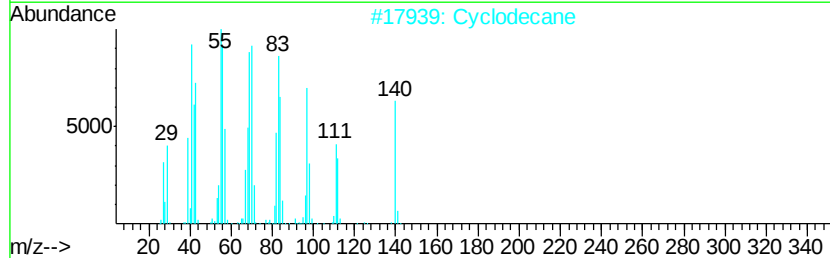
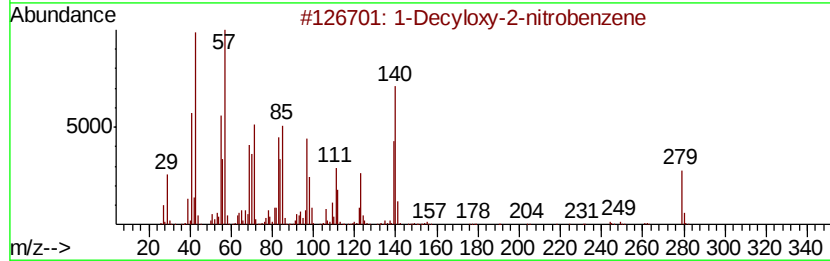
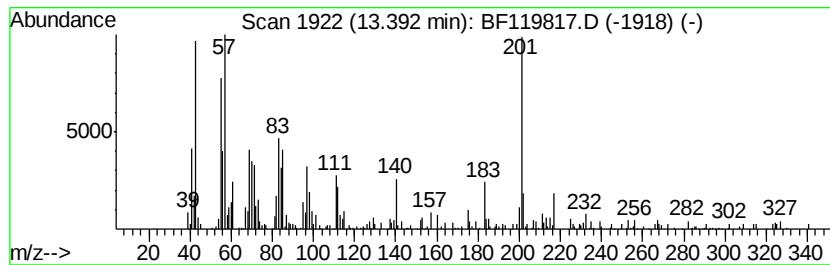
Instrument :
BNA_F
ClientSampleId :
HR-06-040220

Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF031820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 1-Decyloxy-2-nitrobenzene Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.	
13.39	4.30 ng	208333	Chrysene-d12	13.96	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Decyloxy-2-nitrobenzene	279	C16H25NO3	098311-79-6	52
2	Cyclodecane	140	C10H20	000293-96-9	46
3	Decane, 1-fluoro-	160	C10H21F	000334-56-5	41
4	5-Bromovaleric acid, decyl ester	320	C15H29BrO2	175083-30-4	30
5	1-Docosene	308	C22H44	001599-67-3	30



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF040620\
Data File : BF119817.D
Acq On : 7 Apr 2020 13:01
Operator : MA/SJ
Sample : L2112-01
Misc :
ALS Vial : 46 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HR-06-040220

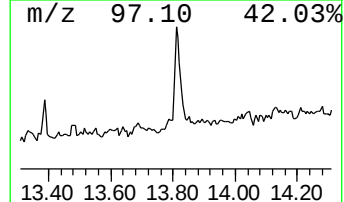
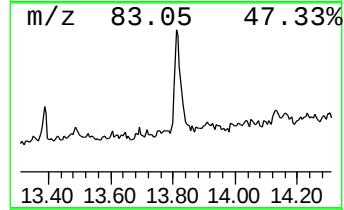
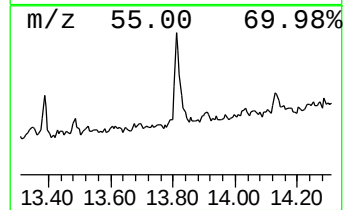
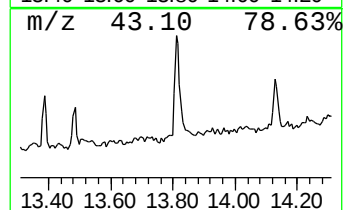
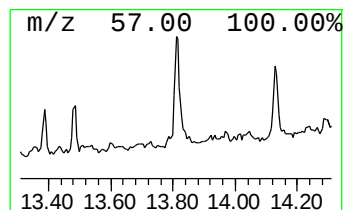
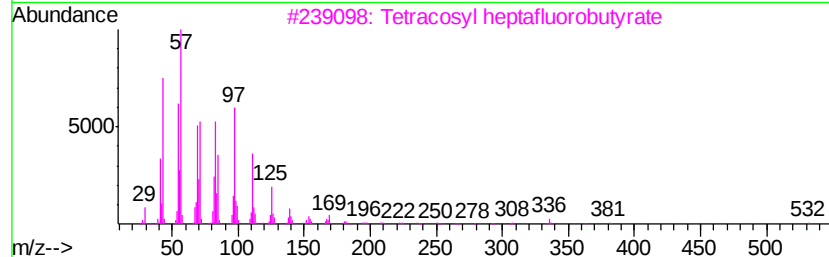
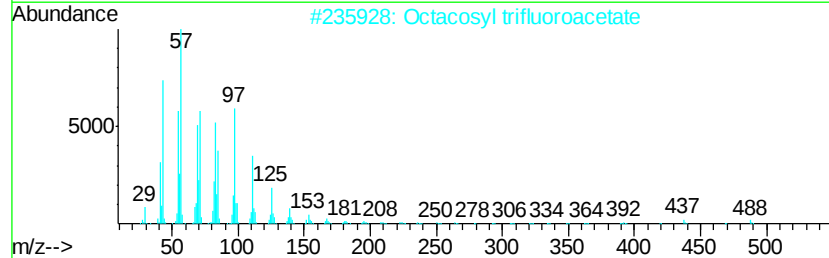
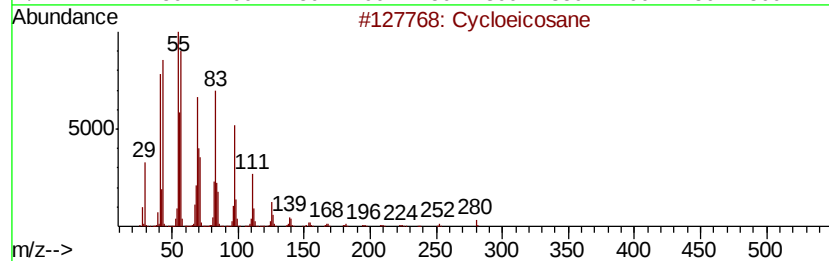
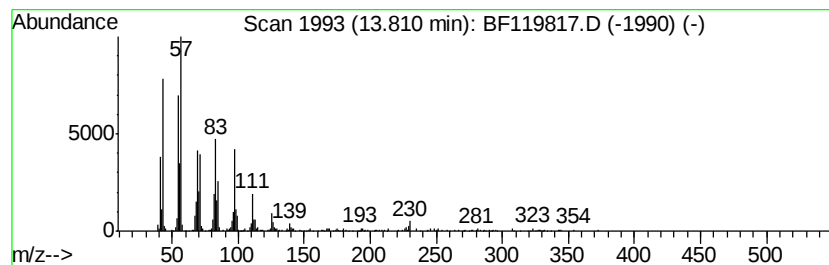
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 Cycloeicosane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.81	10.29 ng	498572	Chrysene-d12	13.96

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cycloeicosane	280	C20H40	000296-56-0	92
2		Octacosyl trifluoroacetate	506	C30H57F3O2	1000351-74-9	91
3		Tetracosyl heptafluorobutvrate	550	C28H49F7O2	1000351-83-7	91
4		Eicosyl trifluoroacetate	394	C22H41F3O2	1000351-75-2	91
5		Pentafluoropropionic acid, hepta...	402	C20H35F5O2	959218-78-1	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF040620\
 Data File : BF119817.D
 Acq On : 7 Apr 2020 13:01
 Operator : MA/SJ
 Sample : L2112-01
 Misc :
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HR-06-040220

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF031820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Undecane	6.62	18.2	ng	859287	1	6.78	945657	20.0
Benzene, 1,2,3-tr...	6.85	4.8	ng	226997	1	6.78	945657	20.0
unknown7.06	7.06	8.0	ng	378123	1	6.78	945657	20.0
Benzene, 1,3-diet...	7.10	7.9	ng	373647	1	6.78	945657	20.0
Decane, 2-methyl-	7.13	4.6	ng	219577	1	6.78	945657	20.0
unknown7.18	7.18	9.0	ng	425852	1	6.78	945657	20.0
Benzene, 1-ethyl-...	7.59	4.1	ng	519915	2	8.07	2517940	20.0
unknown8.37	8.37	4.2	ng	527434	2	8.07	2517940	20.0
Nonane, 3-methyl-	8.50	5.7	ng	711294	2	8.07	2517940	20.0
Tridecane	8.67	7.9	ng	990193	2	8.07	2517940	20.0
Dodecane, 2,6,11-...	9.10	7.0	ng	462393	3	9.83	1317070	20.0
Tridecane, 6-methyl-	9.23	12.2	ng	800518	3	9.83	1317070	20.0
Tetradecane	9.76	6.3	ng	414167	3	9.83	1317070	20.0
Pentadecane	10.26	3.7	ng	242803	3	9.83	1317070	20.0
Hexadecane	10.74	4.5	ng	266280	4	11.32	1181950	20.0
n-Hexadecanoic acid	11.84	5.4	ng	317205	4	11.32	1181950	20.0
Octadecanoic acid	12.63	3.4	ng	200117	4	11.32	1181950	20.0
1-Decyloxy-2-nitr...	13.39	4.3	ng	208333	5	13.96	968588	20.0
Cycloeicosane	13.81	10.3	ng	498572	5	13.96	968588	20.0