

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF032019\
 Data File : BF113172.D
 Acq On : 20 Mar 2019 15:42
 Operator : JU/SJ
 Sample : K1984-04
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-11(14-15)

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	5.122	512	516	519	rBV	73709	73528	2.82%	0.147%
2	5.340	549	553	562	rBV	2159720	2280592	87.33%	4.562%
3	5.734	616	620	625	rBV3	91305	128489	4.92%	0.257%
4	5.875	639	644	648	rVB	100667	113117	4.33%	0.226%
5	5.928	648	653	657	rBV2	61571	89130	3.41%	0.178%
6	6.163	688	693	696	rBV3	123557	156434	5.99%	0.313%
7	6.257	706	709	711	rBV2	70543	83445	3.20%	0.167%
8	6.375	723	729	735	rVV	2277989	2600441	99.58%	5.202%
9	6.498	745	750	753	rVV	2629357	2611439	100.00%	5.224%
10	6.569	757	762	763	rVV3	66829	90355	3.46%	0.181%
11	6.663	772	778	782	rVV6	64655	144270	5.52%	0.289%
12	6.722	782	788	791	rVV	881578	819965	31.40%	1.640%
13	6.745	791	792	796	rVV	116251	87692	3.36%	0.175%
14	6.792	796	800	803	rVV2	107271	129687	4.97%	0.259%
15	6.851	807	810	811	rVV	151087	132484	5.07%	0.265%
16	6.881	811	815	818	rVV	2032628	1992925	76.32%	3.987%
17	6.963	827	829	831	rVV2	86467	80356	3.08%	0.161%
18	6.998	831	835	840	rVB4	60417	92242	3.53%	0.185%
19	7.081	845	849	852	rBV2	63030	79253	3.03%	0.159%
20	7.116	852	855	858	rBV	93239	80194	3.07%	0.160%
21	7.281	874	883	886	rBV	1574874	1731431	66.30%	3.464%
22	7.310	886	888	890	rVV	120936	116216	4.45%	0.232%
23	7.334	890	892	894	rVV2	82280	81796	3.13%	0.164%
24	7.381	894	900	903	rVB5	101260	196897	7.54%	0.394%
25	7.439	903	910	915	rBV4	96206	215987	8.27%	0.432%
26	7.516	920	923	924	rVV2	130826	142576	5.46%	0.285%
27	7.534	924	926	930	rVV2	187587	168247	6.44%	0.337%
28	7.628	938	942	944	rVV2	171424	240136	9.20%	0.480%
29	7.645	944	945	950	rVB2	126647	168165	6.44%	0.336%
30	7.775	961	967	969	rBV	106218	139806	5.35%	0.280%
31	7.834	973	977	981	rBV2	134910	172083	6.59%	0.344%
32	7.951	994	997	998	rBV	84158	81281	3.11%	0.163%
33	8.004	1001	1006	1010	rBV	1040984	1032233	39.53%	2.065%
34	8.057	1013	1015	1017	rBV3	79196	71889	2.75%	0.144%

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 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	8.081	1017	1019	1021	rVB	416543	303649	11.63%	0.607%
36	8.104	1021	1023	1031	rVB4	178615	398979	15.28%	0.798%
37	8.169	1031	1034	1037	rBV	150545	218594	8.37%	0.437%
38	8.245	1045	1047	1050	rVB4	148996	132328	5.07%	0.265%
39	8.304	1050	1057	1060	rBV3	370584	513178	19.65%	1.027%
40	8.333	1060	1062	1064	rBV	132067	109665	4.20%	0.219%
41	8.363	1064	1067	1070	rVB4	107809	119640	4.58%	0.239%
42	8.398	1070	1073	1076	rBV3	165419	177386	6.79%	0.355%
43	8.439	1077	1080	1084	rBV	761633	812397	31.11%	1.625%
44	8.475	1084	1086	1089	rVB2	240583	214245	8.20%	0.429%
45	8.510	1089	1092	1095	rBV4	76828	93310	3.57%	0.187%
46	8.551	1095	1099	1101	rBV3	107818	152671	5.85%	0.305%
47	8.604	1104	1108	1110	rBV2	258414	309351	11.85%	0.619%
48	8.645	1113	1115	1117	rVV2	157036	167949	6.43%	0.336%
49	8.669	1117	1119	1121	rVV3	189319	187466	7.18%	0.375%
50	8.698	1121	1124	1128	rVB2	457188	616861	23.62%	1.234%
51	8.751	1128	1133	1134	rBV4	156698	244854	9.38%	0.490%
52	8.804	1139	1142	1143	rVV2	140073	140589	5.38%	0.281%
53	8.822	1143	1145	1150	rVB3	263109	287481	11.01%	0.575%
54	8.869	1150	1153	1155	rBV	223575	202967	7.77%	0.406%
55	8.892	1155	1157	1159	rBV2	133657	116405	4.46%	0.233%
56	8.922	1159	1162	1165	rVB	537073	463354	17.74%	0.927%
57	8.980	1169	1172	1176	rVV3	166500	198427	7.60%	0.397%
58	9.016	1176	1178	1179	rVV	101923	89347	3.42%	0.179%
59	9.039	1179	1182	1184	rVV	982812	840079	32.17%	1.681%
60	9.080	1184	1189	1192	rVB	2906661	2534330	97.05%	5.070%
61	9.186	1204	1207	1209	rVB2	331885	304852	11.67%	0.610%
62	9.216	1209	1212	1214	rBV3	192385	192530	7.37%	0.385%
63	9.286	1220	1224	1227	rVB2	300418	371293	14.22%	0.743%
64	9.333	1227	1232	1234	rBV3	299366	448227	17.16%	0.897%
65	9.363	1234	1237	1239	rVV	362495	339539	13.00%	0.679%
66	9.410	1239	1245	1249	rVV5	228114	539060	20.64%	1.078%
67	9.445	1249	1251	1253	rVV2	197236	216046	8.27%	0.432%
68	9.475	1253	1256	1257	rVV	422480	475845	18.22%	0.952%
69	9.492	1257	1259	1261	rVV	1724536	1410813	54.02%	2.822%
70	9.522	1261	1264	1266	rVB3	308739	342139	13.10%	0.684%
71	9.580	1271	1274	1275	rBV2	215572	186565	7.14%	0.373%

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72	9.669	1287	1289	1292	rVB	311587	295824	11.33%	0.592%
73	9.698	1292	1294	1296	rBV3	147503	170627	6.53%	0.341%
74	9.757	1299	1304	1307	rVB2	1243054	1530243	58.60%	3.061%
75	9.804	1310	1312	1315	rBV	287595	262530	10.05%	0.525%
76	9.875	1321	1324	1327	rVB	303543	282784	10.83%	0.566%
77	9.922	1329	1332	1336	rBV3	296620	463470	17.75%	0.927%
78	9.963	1336	1339	1342	rVB2	315898	293939	11.26%	0.588%
79	10.022	1347	1349	1352	rVB2	408978	369445	14.15%	0.739%
80	10.145	1365	1370	1373	rBV2	276338	438562	16.79%	0.877%
81	10.186	1374	1377	1379	rBV2	185377	242265	9.28%	0.485%
82	10.298	1393	1396	1397	rBV3	216920	201881	7.73%	0.404%
83	10.316	1397	1399	1403	rVB2	358441	448626	17.18%	0.897%
84	10.422	1413	1417	1420	rVB	1397180	1332148	51.01%	2.665%
85	10.545	1434	1438	1441	rBV	1858022	1656319	63.43%	3.313%
86	10.686	1457	1462	1465	rBV	1990955	2101762	80.48%	4.205%
87	10.898	1496	1498	1500	rVB2	268237	208938	8.00%	0.418%
88	11.151	1537	1541	1544	rVB	1165994	1286153	49.25%	2.573%
89	11.239	1552	1556	1558	rBV	890511	868294	33.25%	1.737%
90	11.498	1597	1600	1603	rBV2	554506	573857	21.97%	1.148%
91	11.780	1645	1648	1654	rVB	548113	554680	21.24%	1.110%
92	12.557	1778	1780	1782	rBV	294243	210398	8.06%	0.421%
93	12.816	1821	1824	1828	rBV	2012756	1926487	73.77%	3.854%
94	13.727	1976	1979	1982	rVB	412155	413151	15.82%	0.827%
95	13.868	2000	2003	2010	rVB	807565	853821	32.70%	1.708%
96	13.951	2015	2017	2020	rBV	235512	150781	5.77%	0.302%
97	14.345	2080	2084	2089	rBV	507172	615989	23.59%	1.232%
98	14.380	2089	2090	2093	rBV	314651	224738	8.61%	0.450%
99	14.433	2097	2099	2102	rBV3	285094	377409	14.45%	0.755%
100	15.280	2240	2243	2246	rBV	694882	735370	28.16%	1.471%

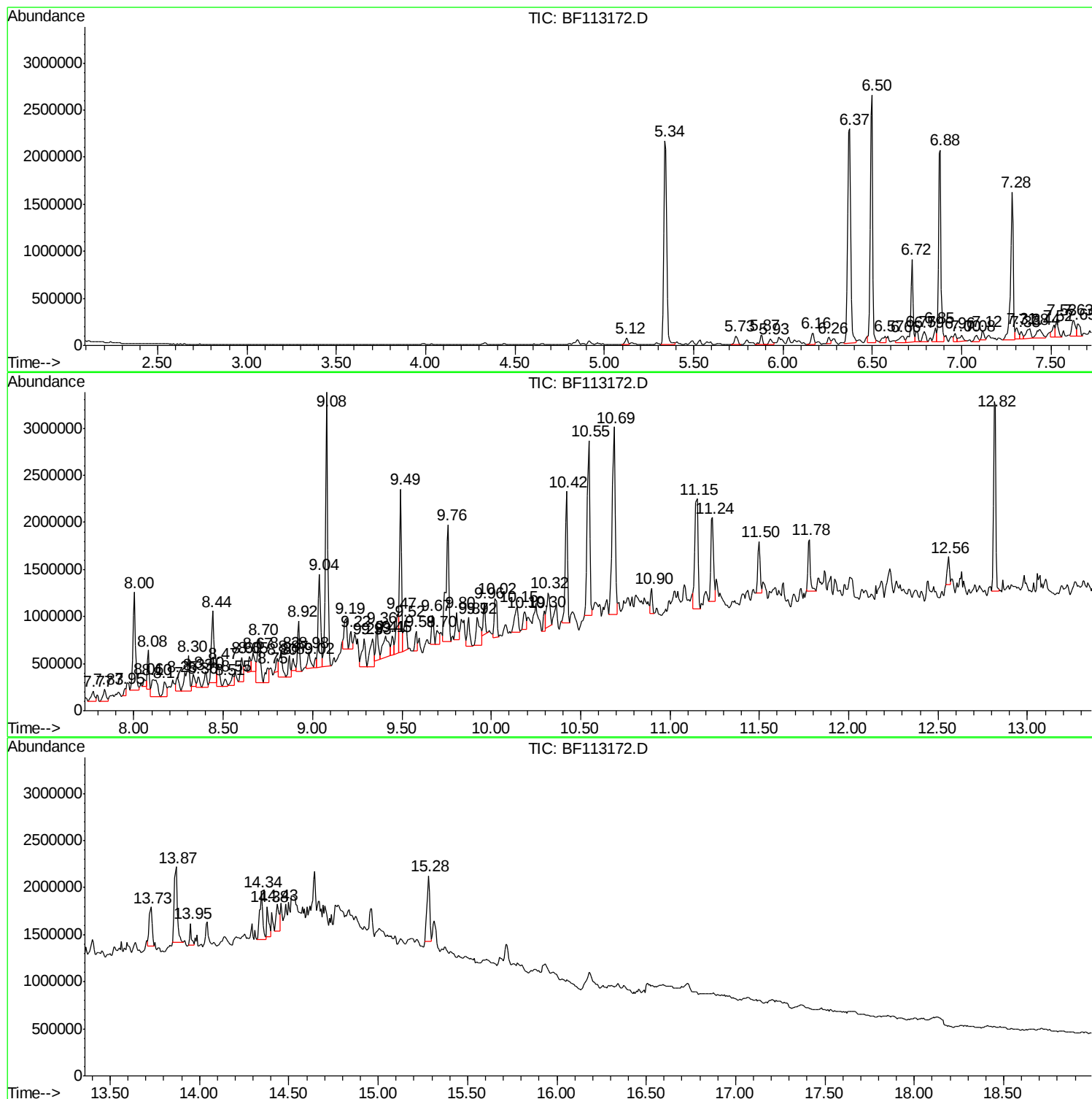
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Instrument :
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ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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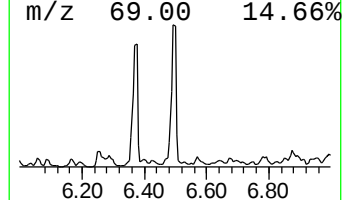
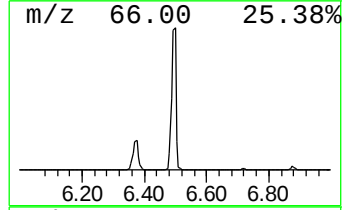
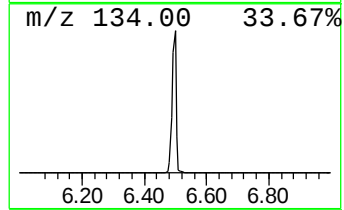
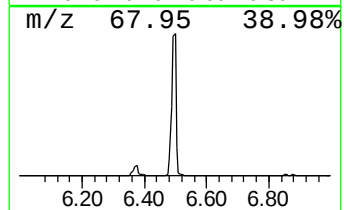
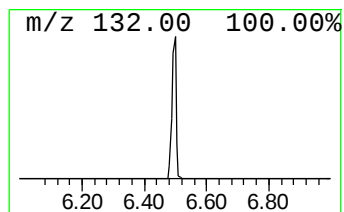
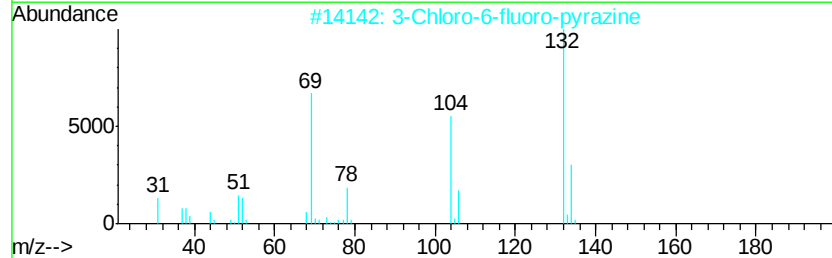
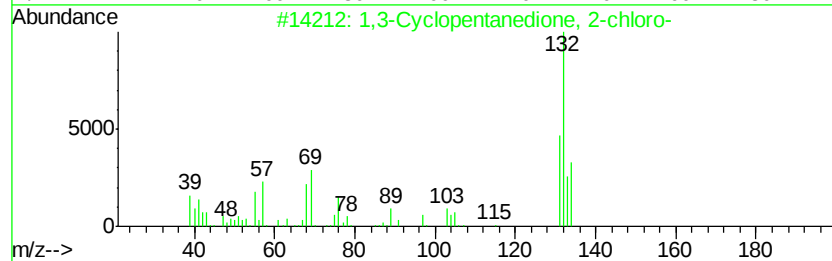
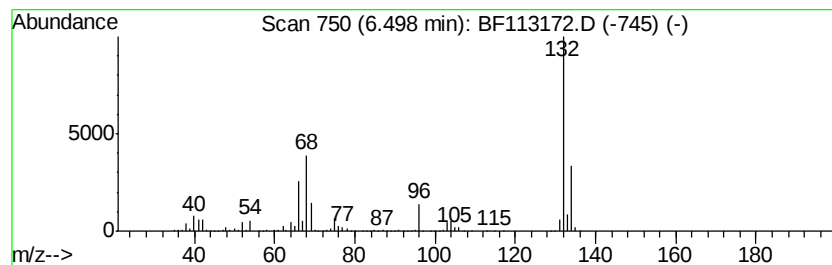
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 unknown6.50 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.50	63.70 ng	2611440	1,4-Dichlorobenzene-d4	6.72

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1,3-Cyclopentanedione, 2-chloro-	132	C5H5ClO2	014203-19-1	37
2			3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
3			Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	12
4			Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
5			Xenon	132	Xe	007440-63-3	9



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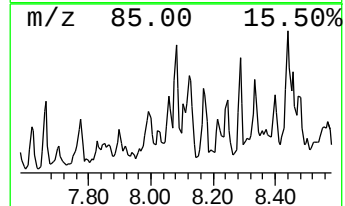
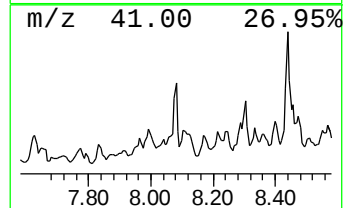
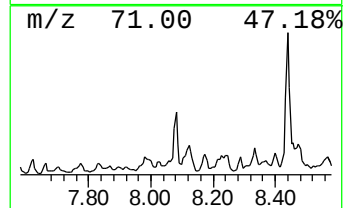
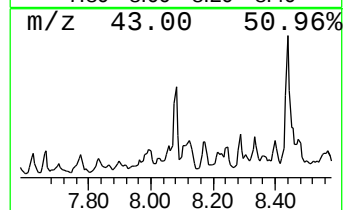
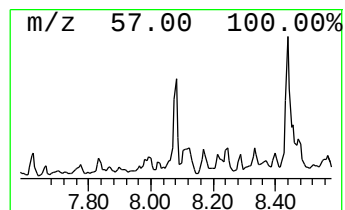
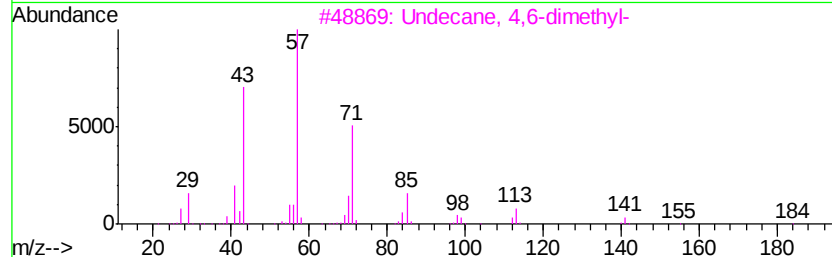
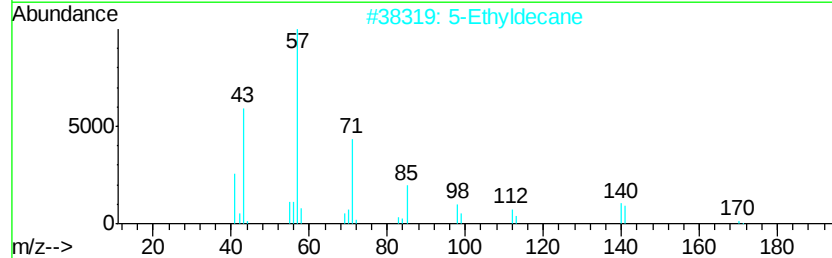
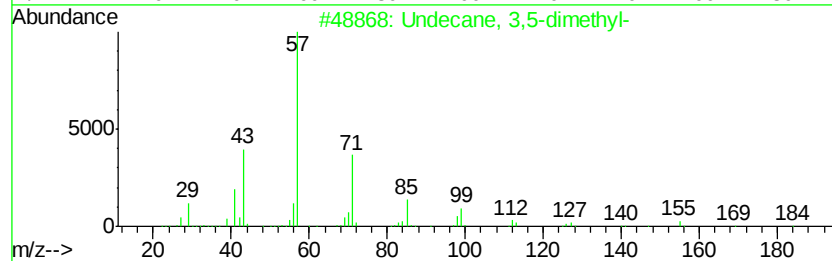
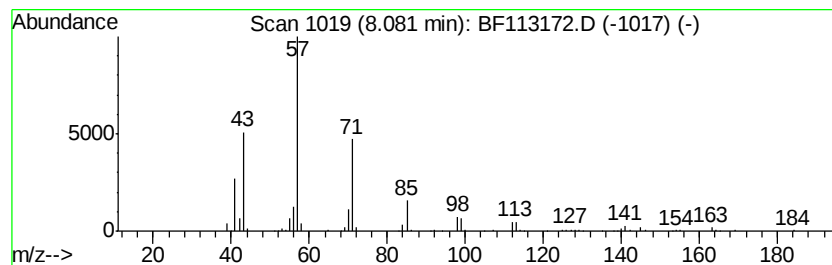
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Undecane, 3,5-dimethyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.08	5.88 ng	303649	Napthalene-d8	8.00

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Undecane, 3,5-dimethyl-	184	C13H28	017312-81-1	87
2		5-Ethyldecane	170	C12H26	017302-36-2	83
3		Undecane, 4,6-dimethyl-	184	C13H28	017312-82-2	72
4		Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	72
5		Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	70



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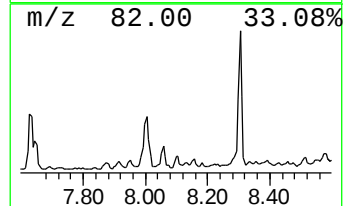
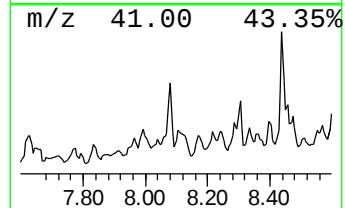
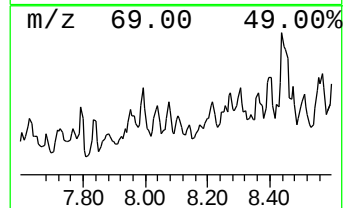
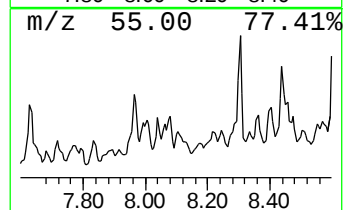
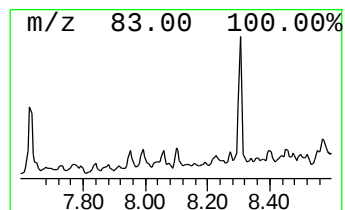
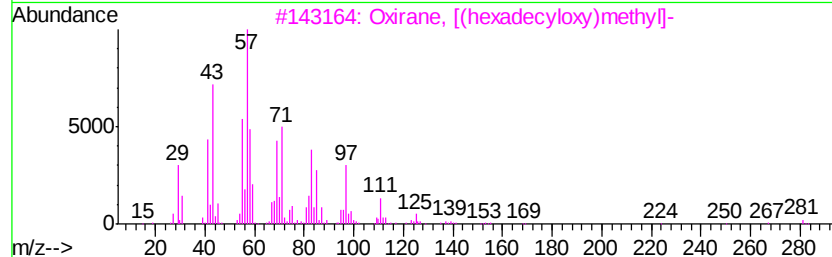
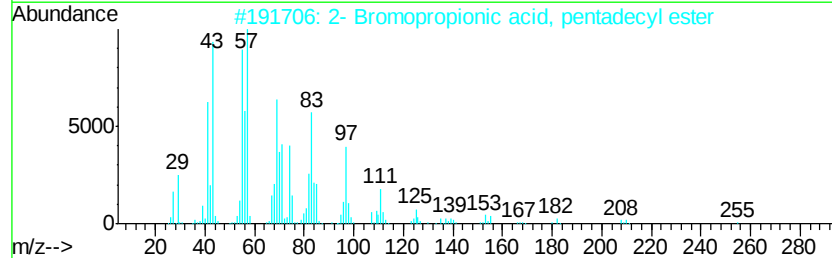
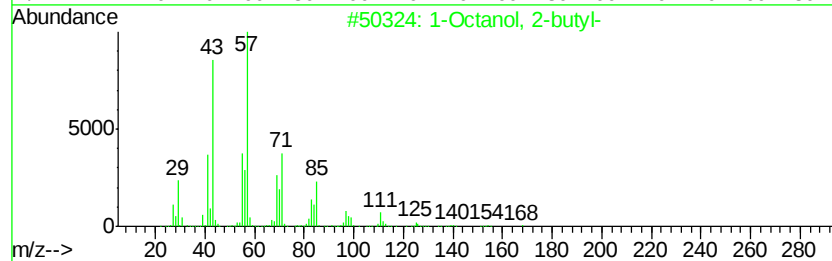
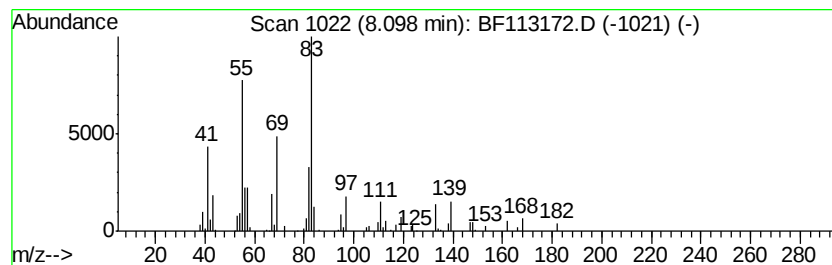
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Peak Number 4 1-Octanol, 2-butyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.	
8.10	7.73 ng	398979	Naphthalene-d8	8.00	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Octanol, 2-butyl-	186	C12H26O	003913-02-8	59
2	2- Bromopropionic acid, pentadec...	362	C18H35BrO2	1000292-44-2	49
3	Oxirane, [(hexadecyloxy)methyl]-	298	C19H38O2	015965-99-8	47
4	1-Hexadecanol	242	C16H34O	036653-82-4	43
5	Dichloroacetic acid, tetradecyl ...	324	C16H30Cl2O2	083005-02-1	43



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF032019\
Data File : BF113172.D
Acq On : 20 Mar 2019 15:42
Operator : JU/SJ
Sample : K1984-04
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleID :
SB-11(14-15)

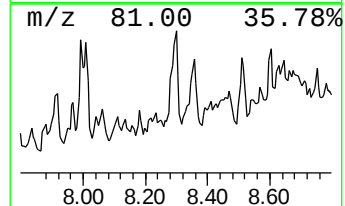
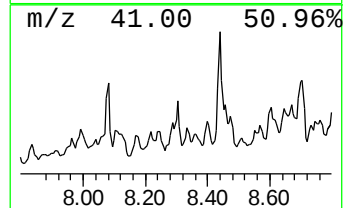
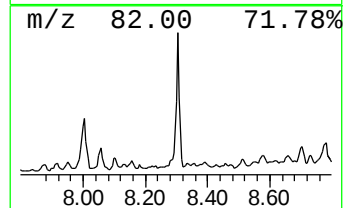
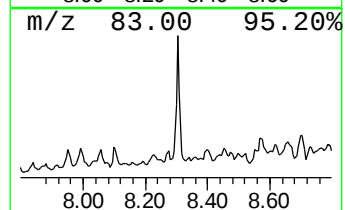
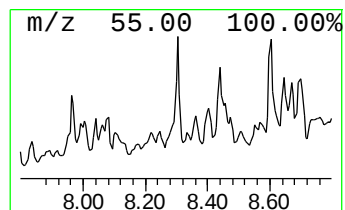
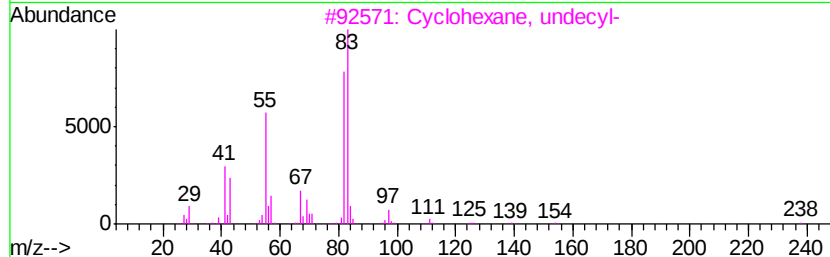
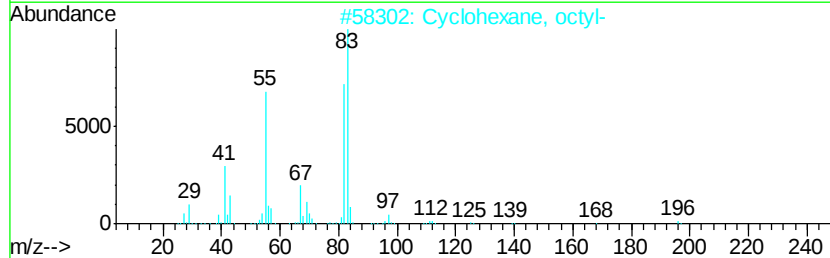
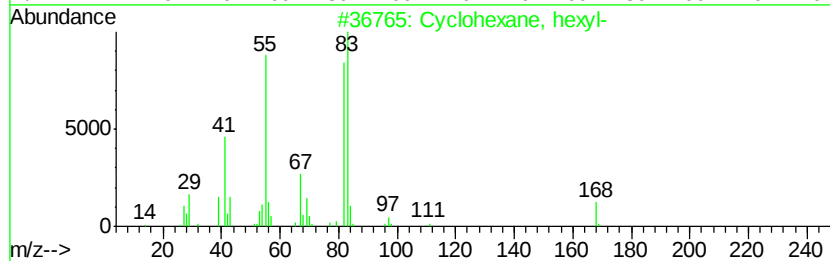
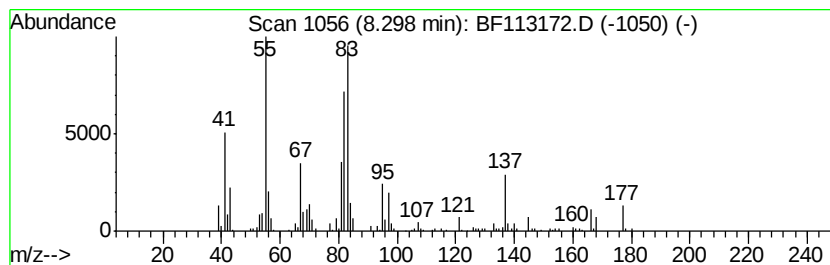
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Cyclohexane, hexyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.30	9.94 ng	513178	Naphthalene-d8	8.00

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexane, hexyl-	168	C12H24	004292-75-5	83
2		Cyclohexane, octyl-	196	C14H28	001795-15-9	80
3		Cyclohexane, undecyl-	238	C17H34	054105-66-7	80
4		Cyclohexane, 1,1'-(1,4-butanedi...	222	C16H30	006165-44-2	72
5		Cyclohexane, propyl-	126	C9H18	001678-92-8	72



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF032019\
Data File : BF113172.D
Acq On : 20 Mar 2019 15:42
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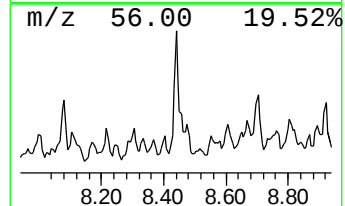
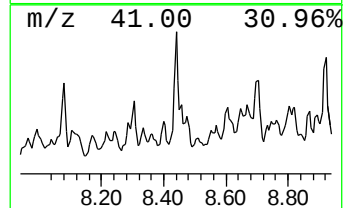
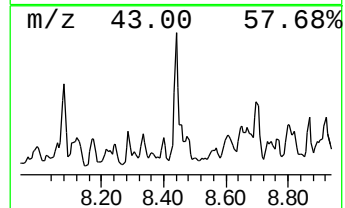
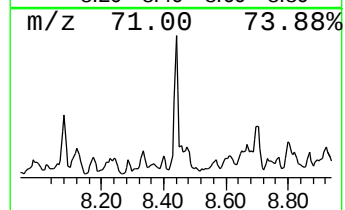
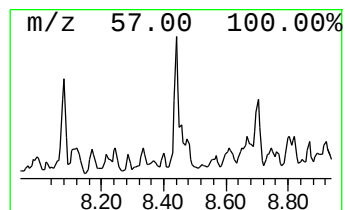
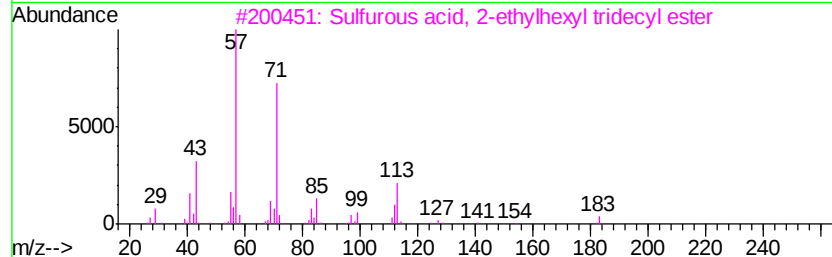
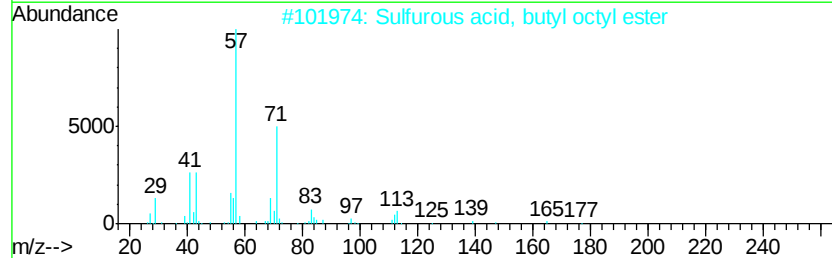
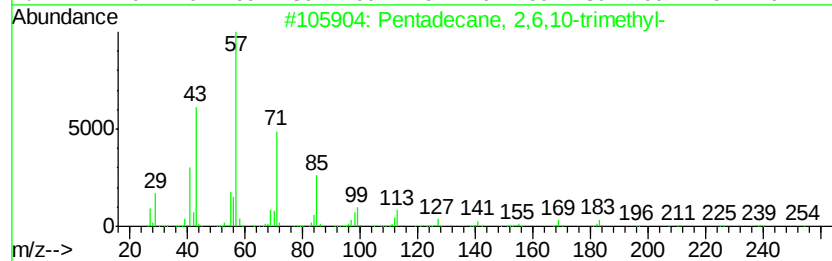
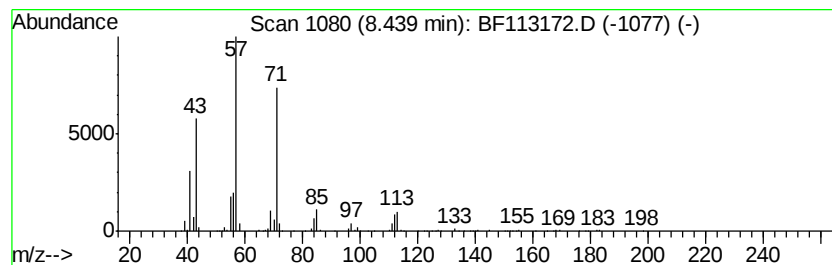
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Sulfurous acid, butyl octyl... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.44	15.74 ng	812397	Napthalene-d8	8.00

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Pentadecane, 2,6,10-trimethyl-	254	C18H38	003892-00-0	78
2		Sulfurous acid, butyl octyl ester	250	C12H26O3S	1000309-17-5	78
3		Sulfurous acid, 2-ethylhexyl tri...	376	C21H44O3S	1000309-19-6	72
4		Heptane, 5-ethyl-2-methyl-	142	C10H22	013475-78-0	64
5		Butane, 2,2-dimethyl-	86	C6H14	000075-83-2	59



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF032019\
Data File : BF113172.D
Acq On : 20 Mar 2019 15:42
Operator : JU/SJ
Sample : K1984-04
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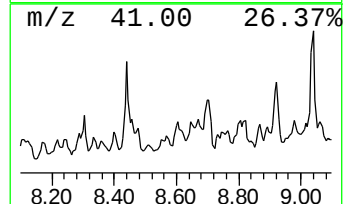
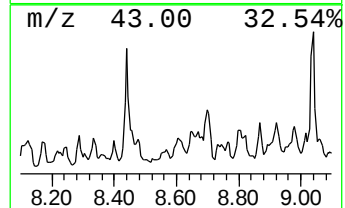
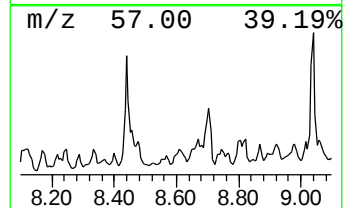
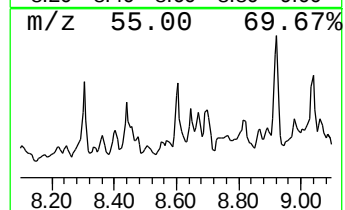
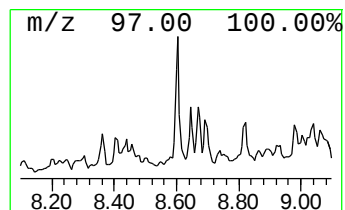
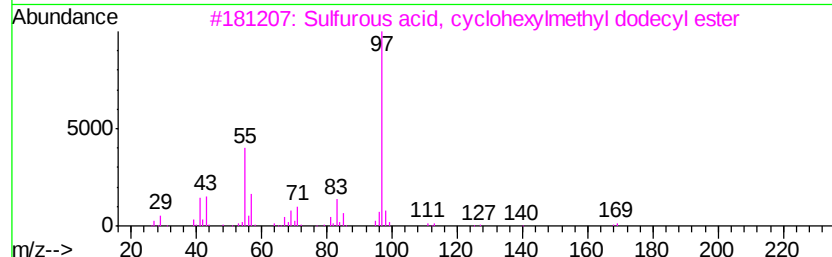
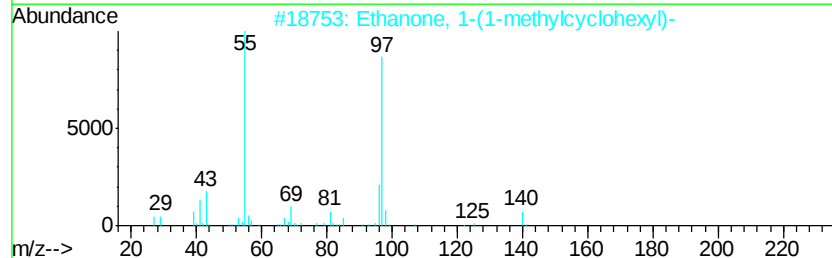
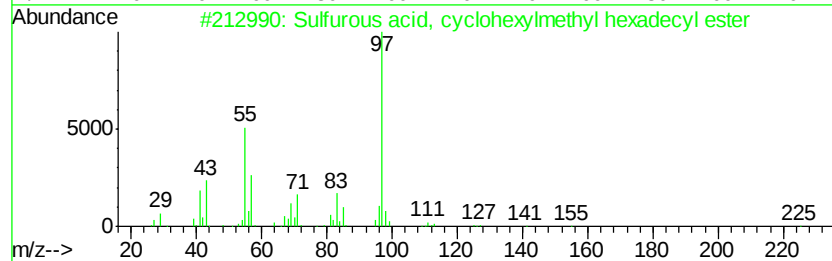
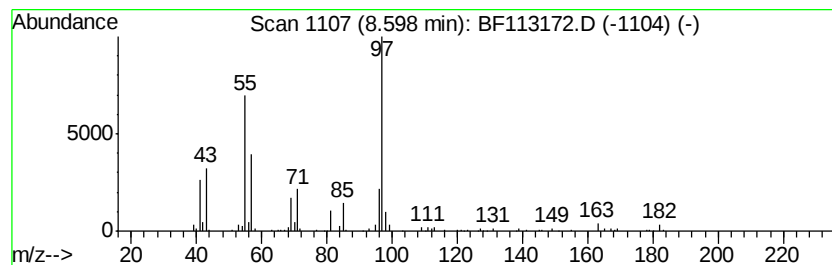
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Ethanone, 1-(1-methylcyclohexyl) Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.		
8.60	5.99 ng	309351	Naphthalene-d8	8.00		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Sulfurous acid, cyclohexylmethyl...	402	C23H46O3S	1000309-22-4	86	
2	Ethanone, 1-(1-methylcyclohexyl)-	140	C9H16O	002890-62-2	72	
3	Sulfurous acid, cyclohexylmethyl...	346	C19H38O3S	1000309-22-0	72	
4	Sulfurous acid, cyclohexylmethyl...	360	C20H40O3S	1000309-22-1	72	
5	Cyclohexane, 1-ethyl-1-methyl-	126	C9H18	004926-90-3	72	



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF032019\
Data File : BF113172.D
Acq On : 20 Mar 2019 15:42
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ClientSampleId :
SB-11(14-15)

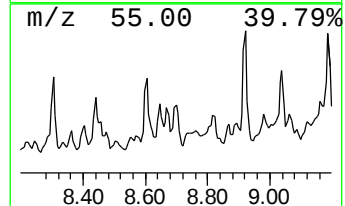
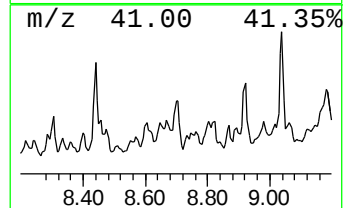
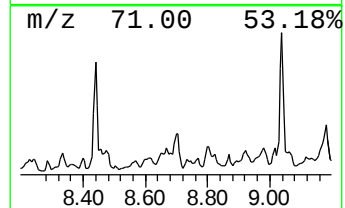
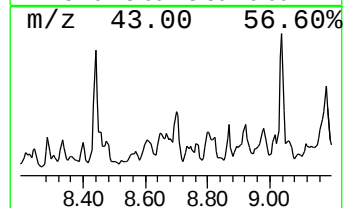
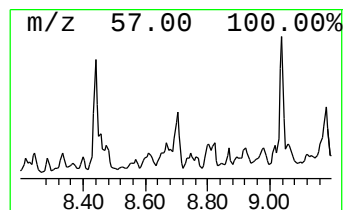
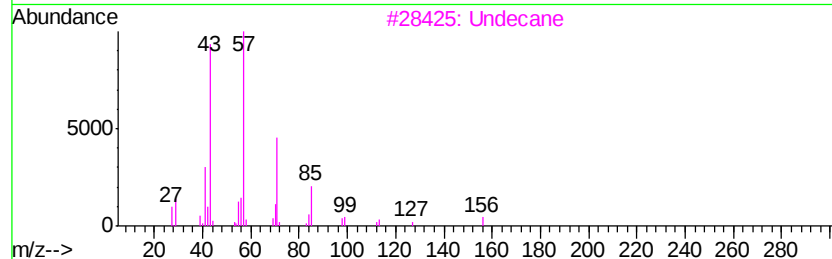
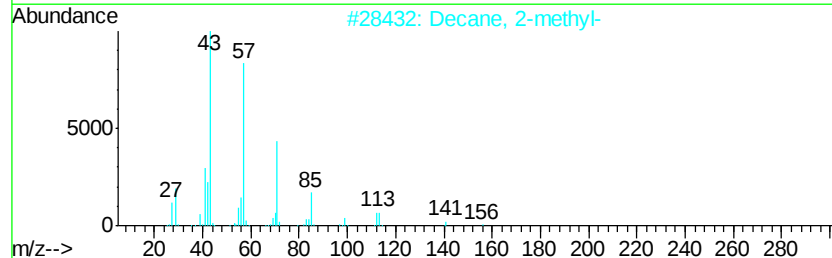
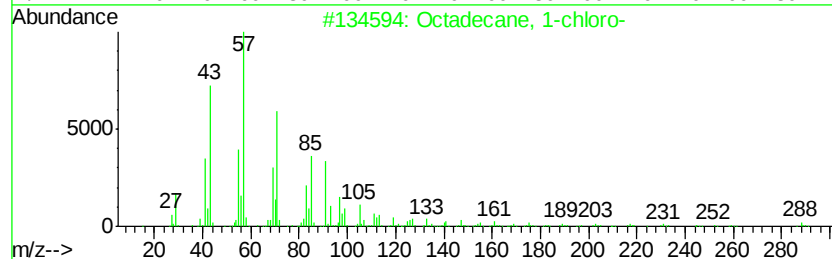
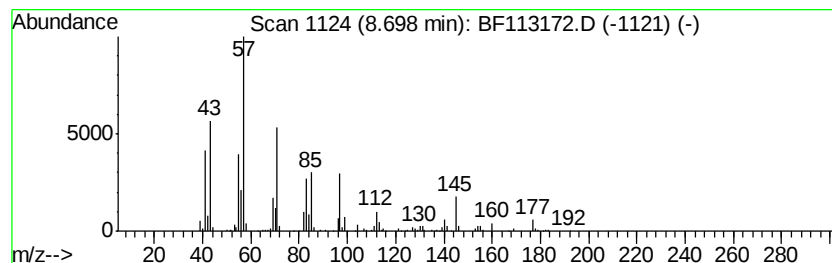
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Octadecane, 1-chloro- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.70	11.95 ng	616861	Napthalene-d8	8.00

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octadecane, 1-chloro-	288	C18H37Cl	003386-33-2	53
2		Decane, 2-methyl-	156	C11H24	006975-98-0	52
3		Undecane	156	C11H24	001120-21-4	49
4		Carbonic acid, isobutyl octadecy...	370	C23H46O3	1000314-61-5	47
5		Octane, 2,3,3-trimethyl-	156	C11H24	062016-30-2	47



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF032019\
Data File : BF113172.D
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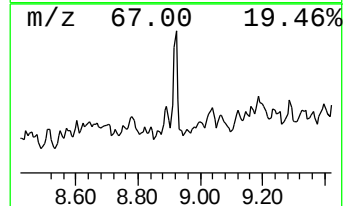
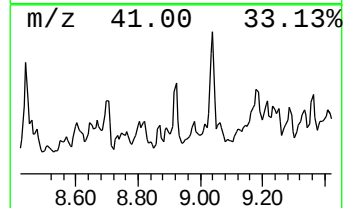
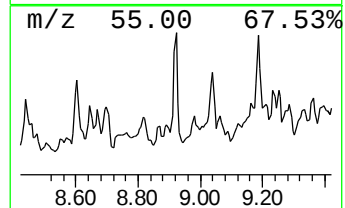
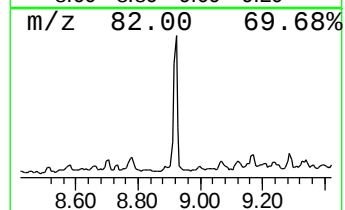
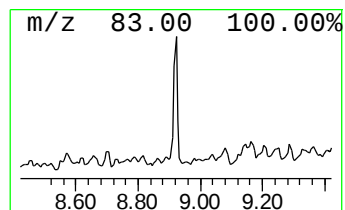
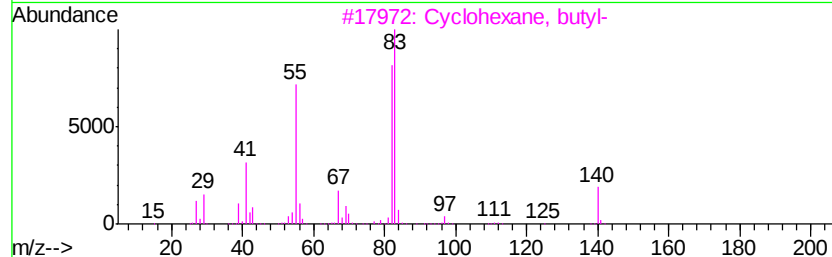
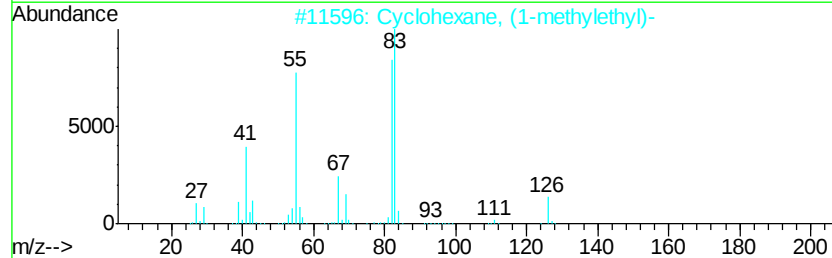
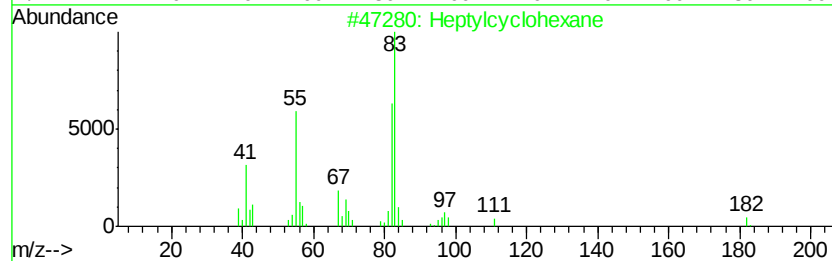
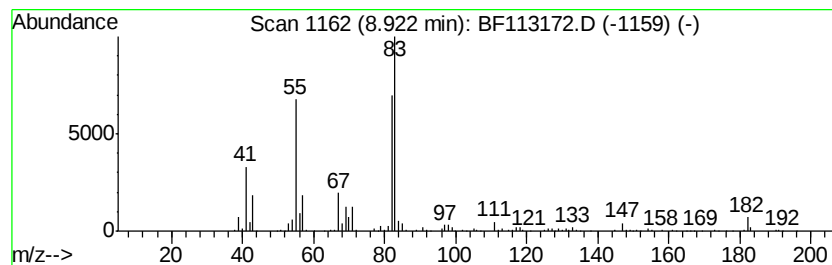
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 9 Heptylcyclohexane Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.92	6.06 ng	463354	Acenaphthene-d10	9.76

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptylcyclohexane	182	C13H26	005617-41-4	86
2		Cyclohexane, (1-methylethyl)-	126	C9H18	000696-29-7	80
3		Cyclohexane, butyl-	140	C10H20	001678-93-9	59
4		Cyclohexane, pentyl-	154	C11H22	004292-92-6	59
5		Oxalic acid, cyclohexyl dodecyl ...	340	C20H36O4	1000309-31-4	50



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF032019\
Data File : BF113172.D
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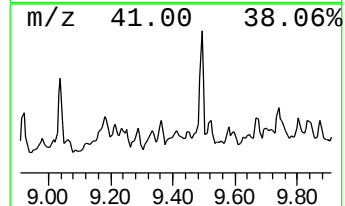
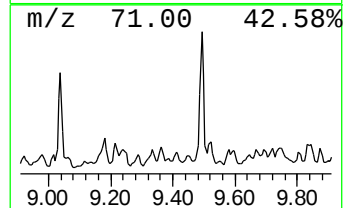
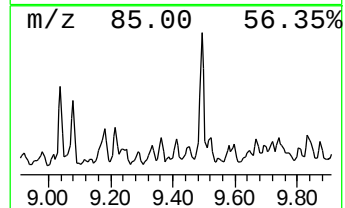
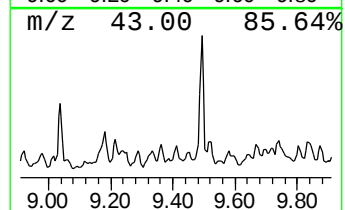
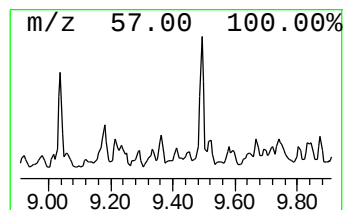
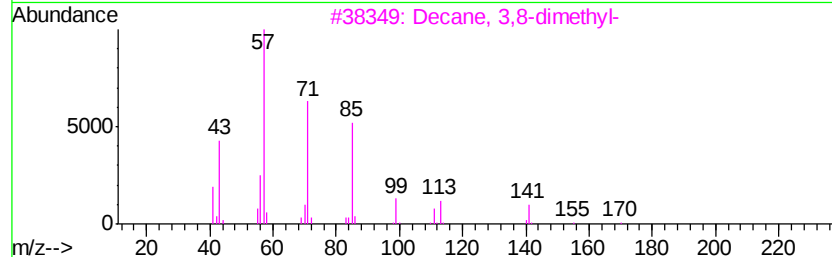
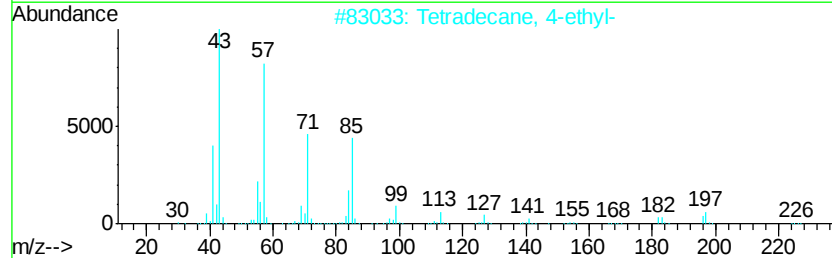
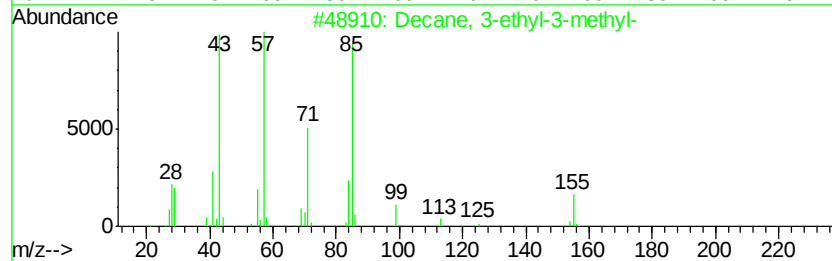
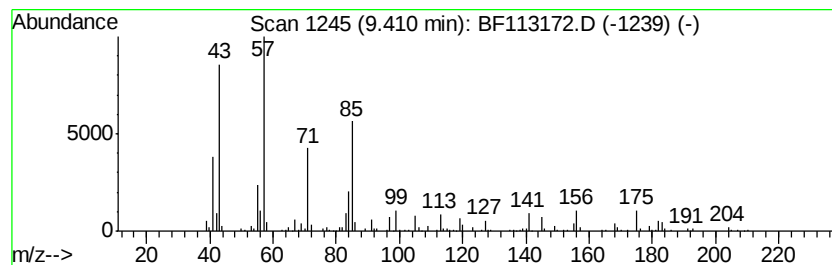
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Decane, 3-ethyl-3-methyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.41	7.05 ng	539060	Acenaphthene-d10	9.76

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Decane, 3-ethyl-3-methyl-	184	C13H28	017312-66-2	59
2			Tetradecane, 4-ethyl-	226	C16H34	055045-14-2	53
3			Decane, 3,8-dimethyl-	170	C12H26	017312-55-9	53
4			Decane, 4-ethyl-	170	C12H26	001636-44-8	52
5			Undecane, 5-methyl-	170	C12H26	001632-70-8	43



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF032019\
Data File : BF113172.D
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ALS Vial : 11 Sample Multiplier: 1

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ClientSampleId :
SB-11(14-15)

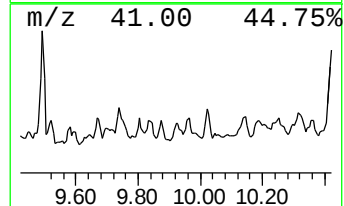
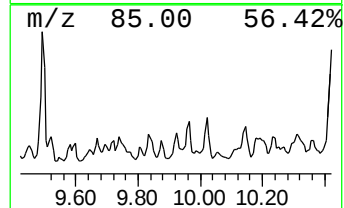
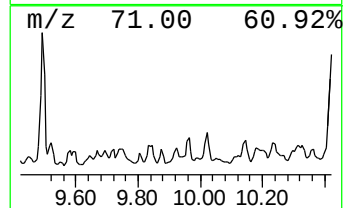
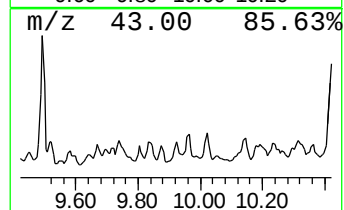
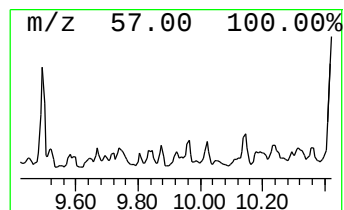
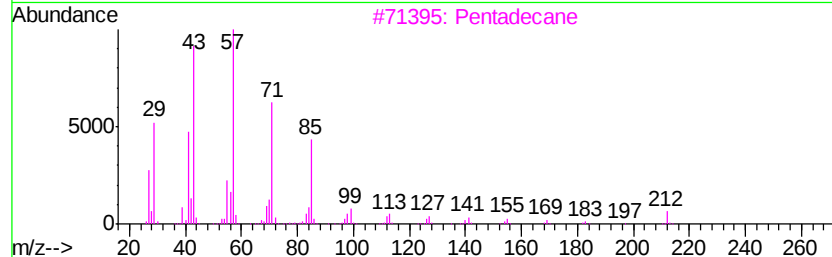
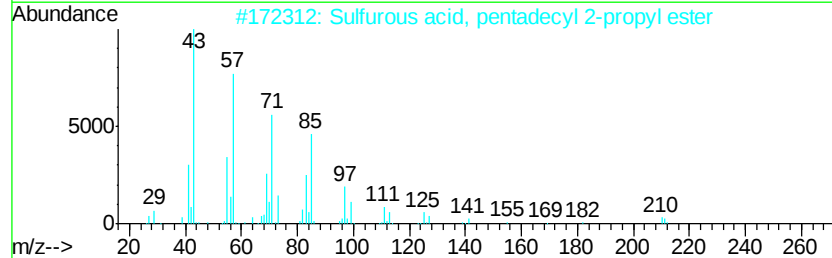
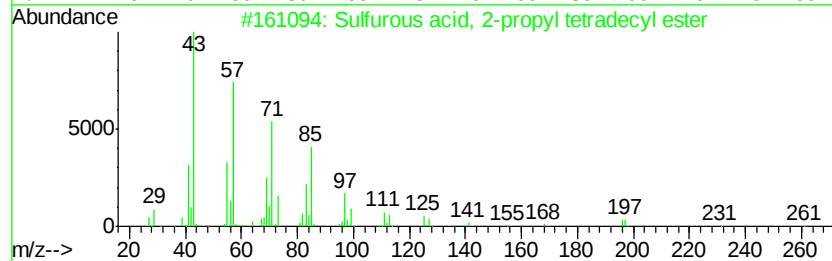
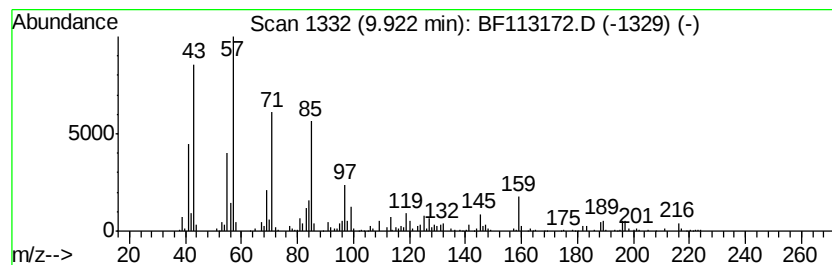
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Sulfurous acid, 2-propyl te... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.92	6.06 ng	463470	Acenaphthene-d10	9.76

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Sulfurous acid, 2-propyl tetradec...	320	C17H36O3S	1000309-12-5	80
2			Sulfurous acid, pentadecyl 2-pro...	334	C18H38O3S	1000309-12-6	72
3			Pentadecane	212	C15H32	000629-62-9	53
4			Heneicosane, 11-(1-ethylpropyl)-	366	C26H54	055282-11-6	49
5			Eicosane	282	C20H42	000112-95-8	47



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF032019\
Data File : BF113172.D
Acq On : 20 Mar 2019 15:42
Operator : JU/SJ
Sample : K1984-04
Misc :
ALS Vial : 11 Sample Multiplier: 1

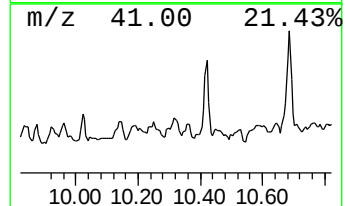
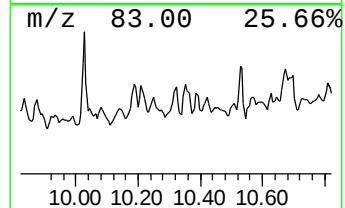
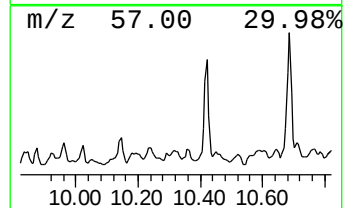
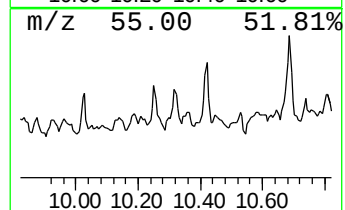
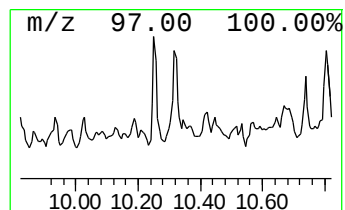
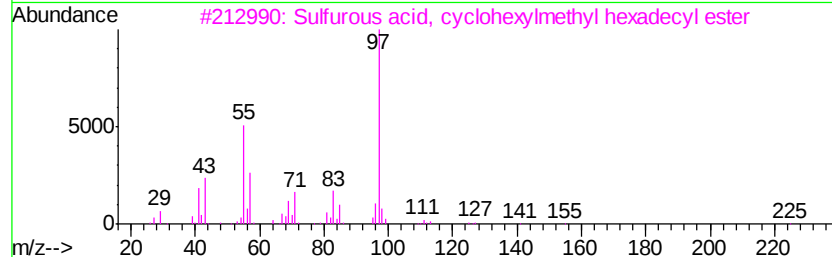
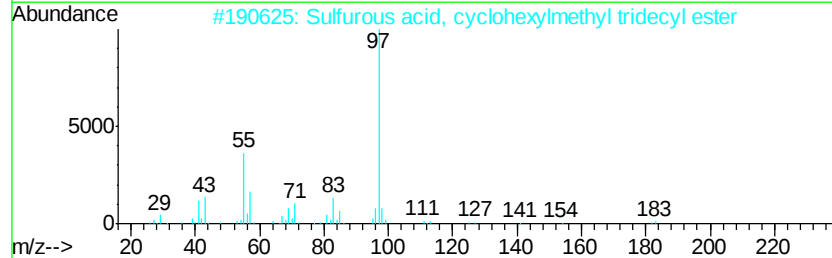
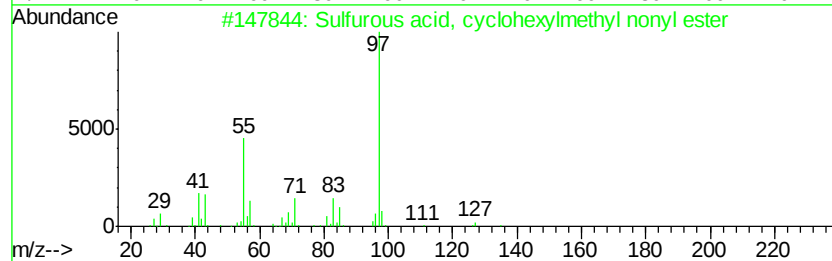
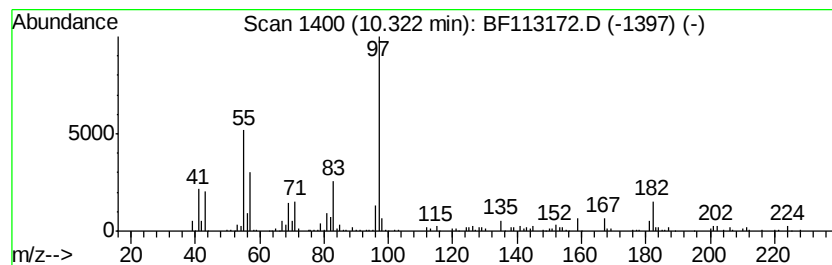
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ClientSampleId :
SB-11(14-15)

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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 Sulfurous acid, cyclohexylm... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.	
10.32	5.86 ng	448626	Acenaphthene-d10	9.76	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Sulfurous acid, cyclohexylmethyl...	304	C16H32O3S	1000309-21-8	53
2	Sulfurous acid, cyclohexylmethyl...	360	C20H40O3S	1000309-22-1	53
3	Sulfurous acid, cyclohexylmethyl...	402	C23H46O3S	1000309-22-4	53
4	Cyclohexane, 2,4-diisopropyl-1,1...	196	C14H28	1000149-60-5	50
5	Cyclohexanecarboxylic acid, 4-pe...	292	C18H25F02	079912-83-7	50



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF032019\
Data File : BF113172.D
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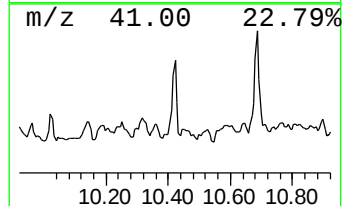
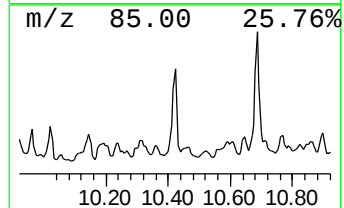
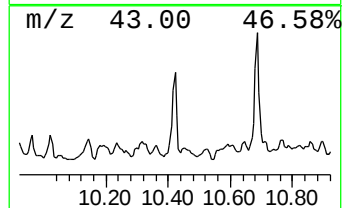
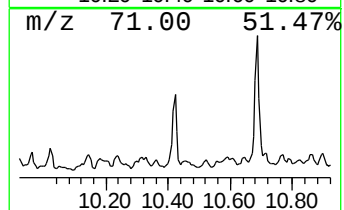
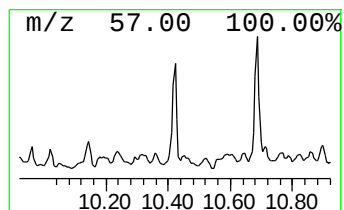
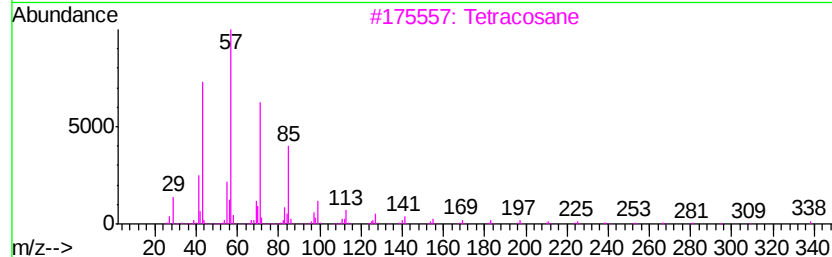
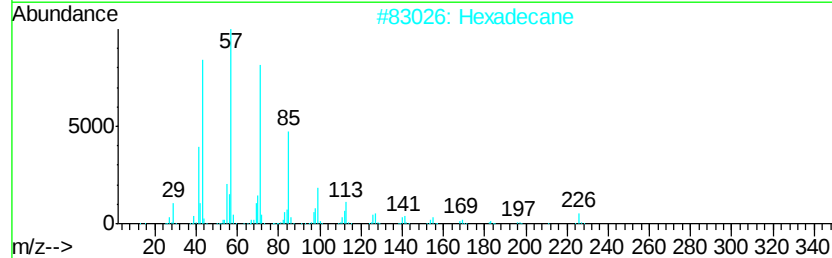
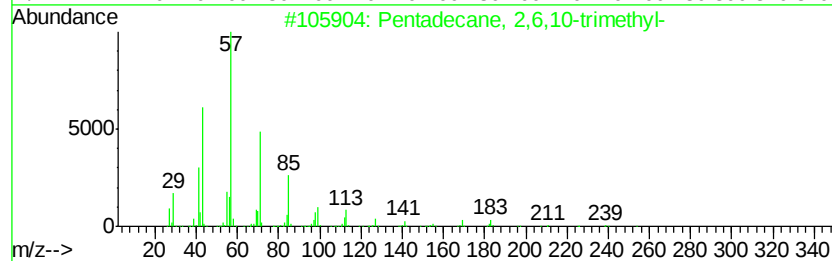
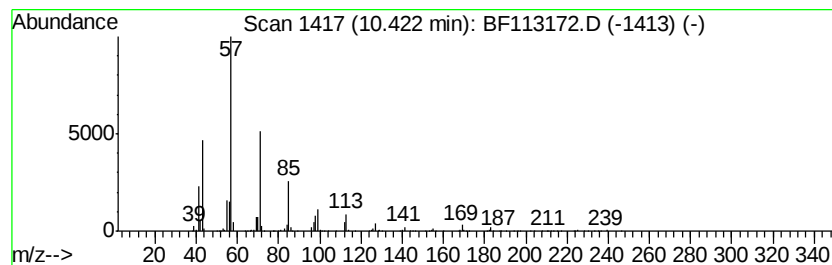
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Pentadecane, 2,6,10-trimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.42	17.41 ng	1332150	Acenaphthene-d10	9.76

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pentadecane, 2,6,10-trimethyl-	254	C18H38	003892-00-0	90
2		Hexadecane	226	C16H34	000544-76-3	86
3		Tetracosane	338	C24H50	000646-31-1	80
4		Tridecane, 6-methyl-	198	C14H30	013287-21-3	64
5		Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	64



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Sample : K1984-04
Misc :
ALS Vial : 11 Sample Multiplier: 1

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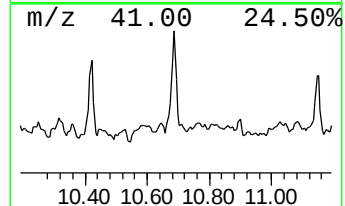
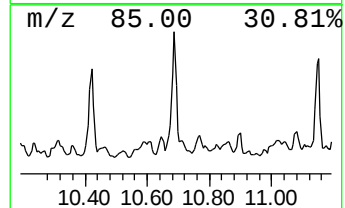
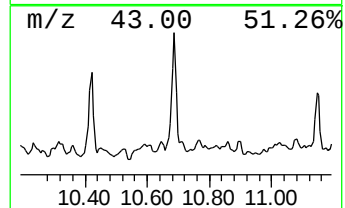
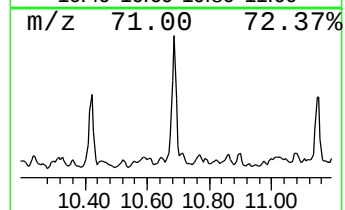
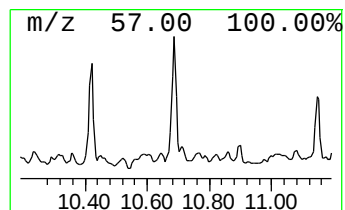
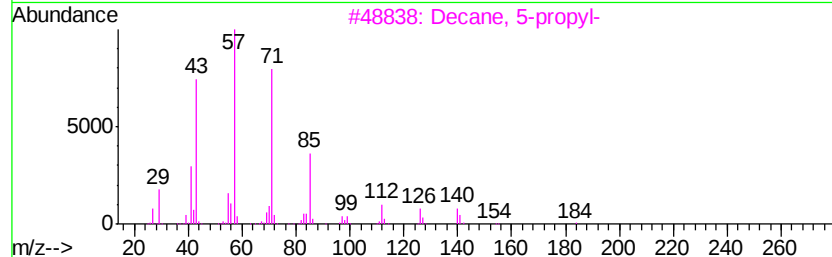
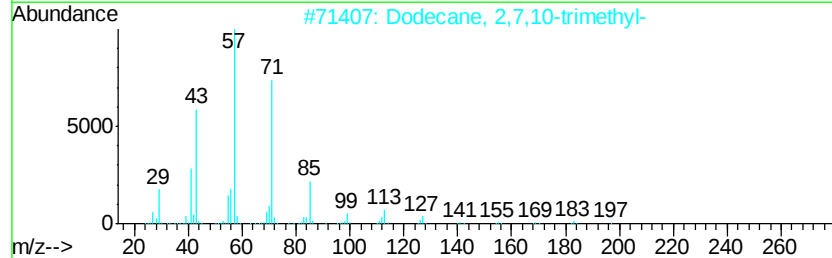
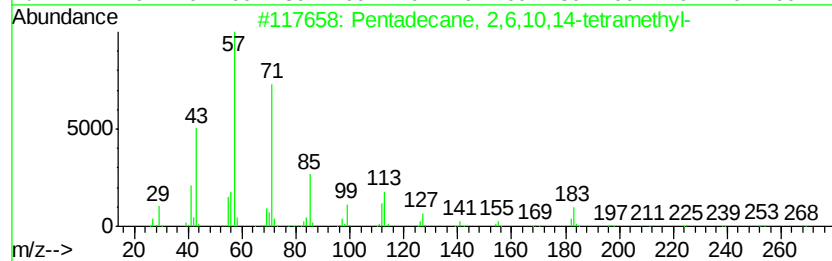
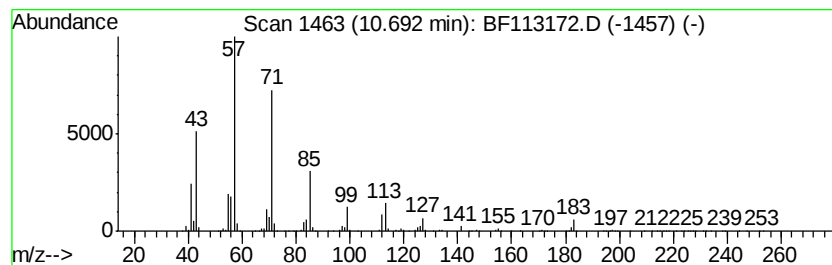
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Pentadecane, 2,6,10,14-tetr... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.69	48.41 ng	2101760	Phenanthrene-d10	11.24

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pentadecane, 2,6,10,14-tetramethyl-	268	C19H40	001921-70-6	90
2		Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	86
3		Decane, 5-propyl-	184	C13H28	017312-62-8	83
4		Tridecane, 5-propyl-	226	C16H34	055045-11-9	83
5		Decane, 5-ethyl-5-methyl-	184	C13H28	017312-74-2	78



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF032019\
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Sample : K1984-04
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
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ClientSampleId :
SB-11(14-15)

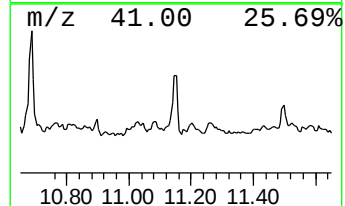
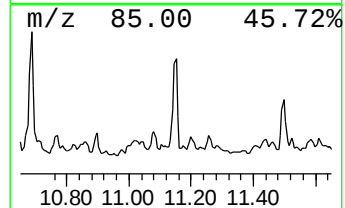
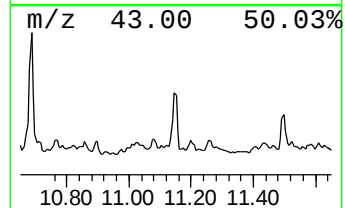
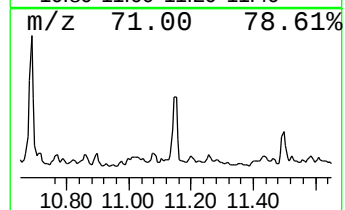
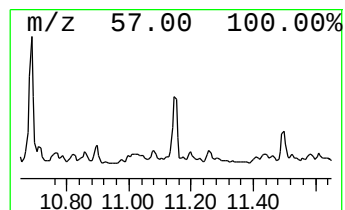
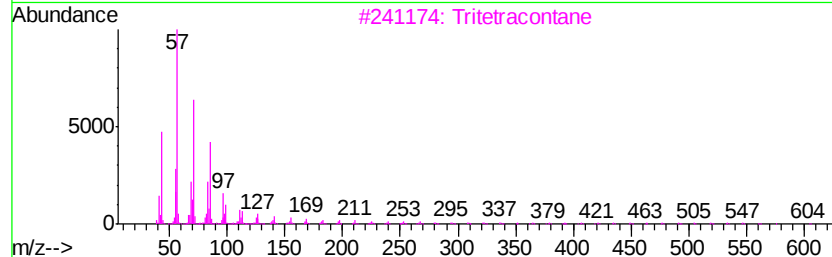
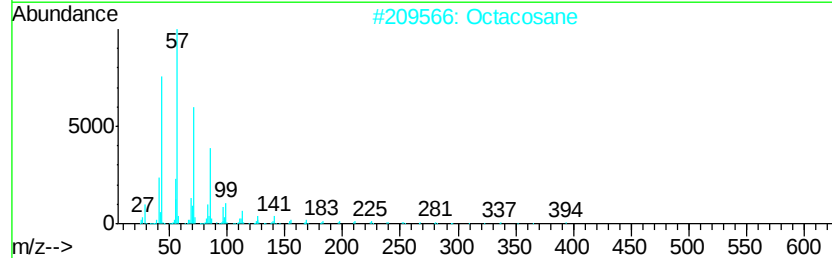
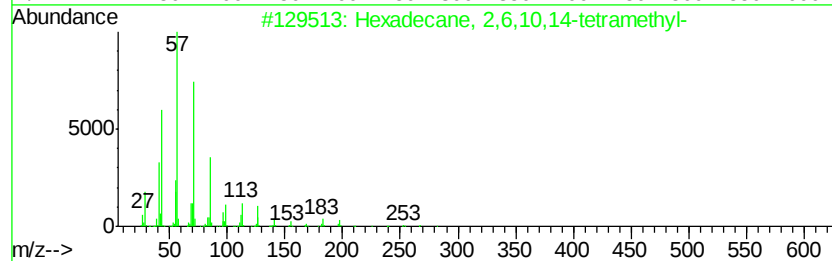
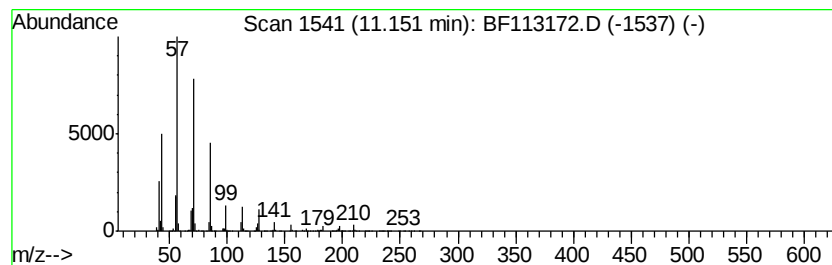
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 Hexadecane, 2,6,10,14-tetra... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.15	29.62 ng	1286150	Phenanthrene-d10	11.24

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	90
2		Octacosane	394	C28H58	000630-02-4	86
3		Tritetracontane	605	C43H88	007098-21-7	78
4		Decane, 3-methyl-	156	C11H24	013151-34-3	72
5		Dodecane, 1-iodo-	296	C12H25I	004292-19-7	72



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF032019\
Data File : BF113172.D
Acq On : 20 Mar 2019 15:42
Operator : JU/SJ
Sample : K1984-04
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
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ClientSampleId :
SB-11(14-15)

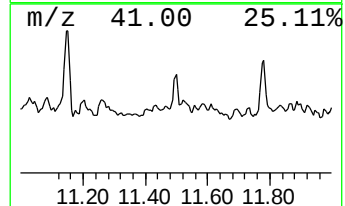
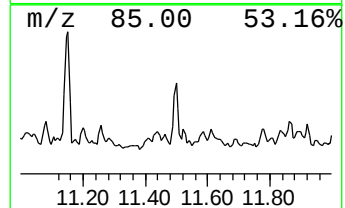
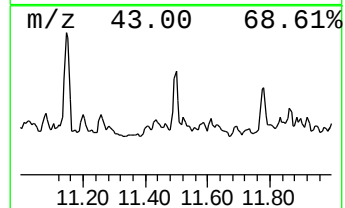
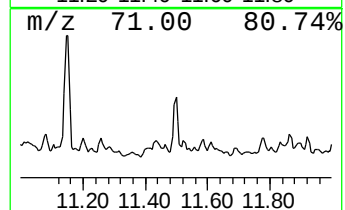
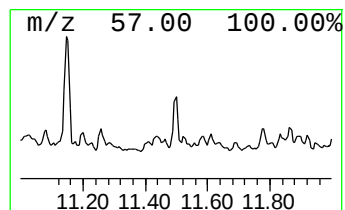
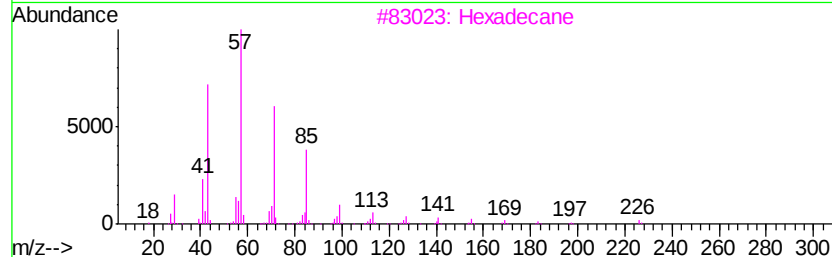
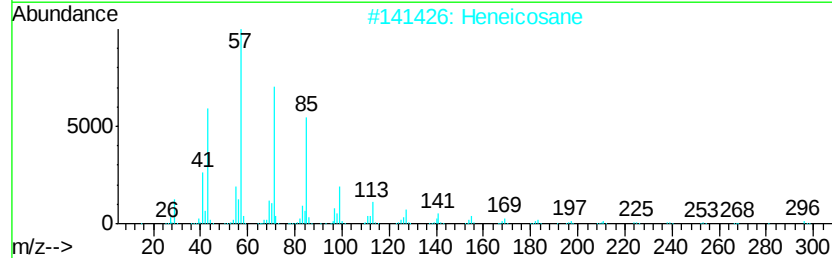
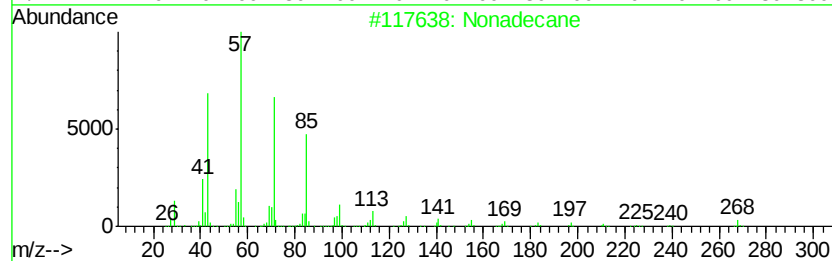
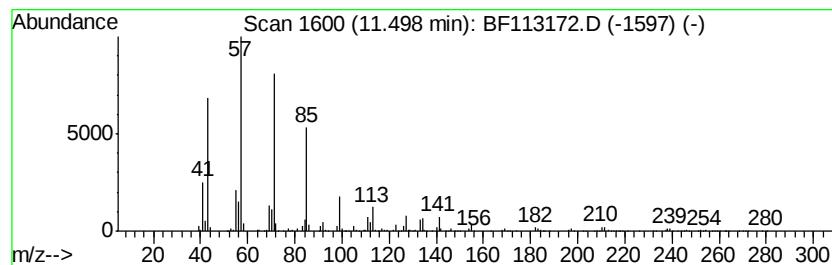
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 Nonadecane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.50	13.22 ng	573857	Phenanthrene-d10	11.24

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Nonadecane	268	C19H40	000629-92-5	93
2		Heneicosane	296	C21H44	000629-94-7	91
3		Hexadecane	226	C16H34	000544-76-3	91
4		2-Bromotetradecane	276	C14H29Br	074036-95-6	90
5		Tetratetracontane	619	C44H90	007098-22-8	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF032019\
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Misc :
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ClientSampleId :
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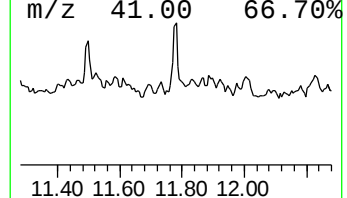
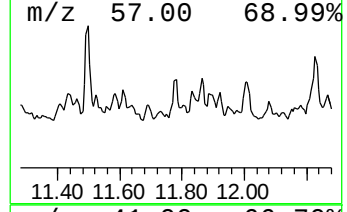
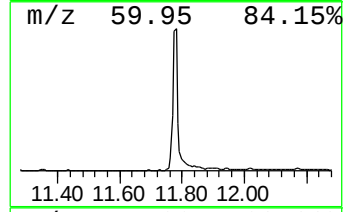
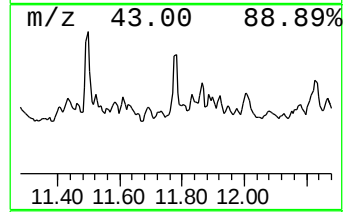
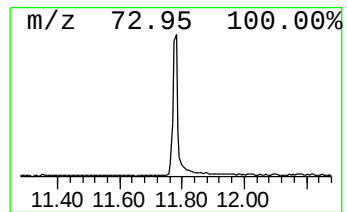
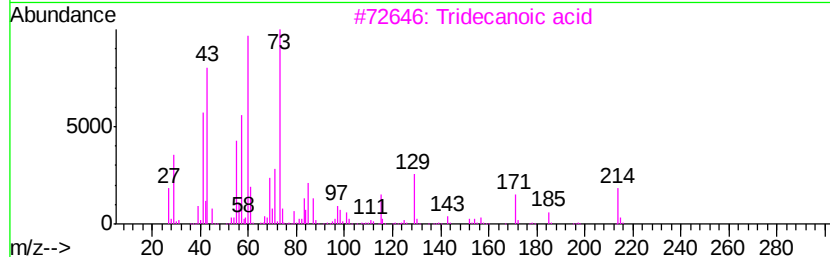
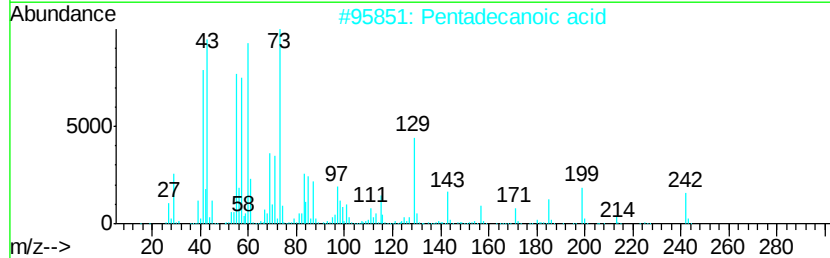
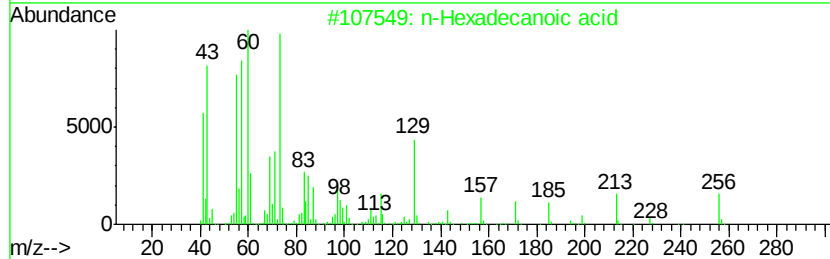
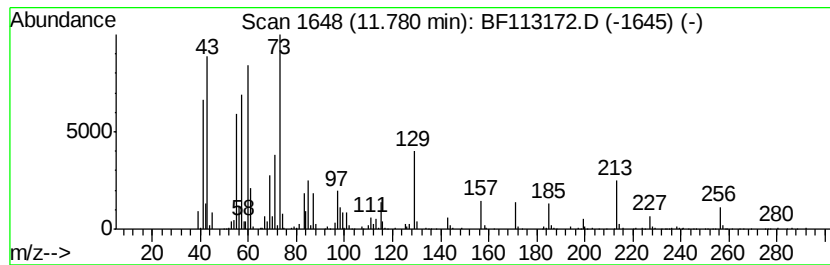
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 n-Hexadecanoic acid Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.78	12.78 ng	554680	Phenanthrene-d10	11.24

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2		Pentadecanoic acid	242	C15H30O2	001002-84-2	90
3		Tridecanoic acid	214	C13H26O2	000638-53-9	90
4		n-Decanoic acid	172	C10H20O2	000334-48-5	70
5		Tetradecanoic acid	228	C14H28O2	000544-63-8	46



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF032019\
Data File : BF113172.D
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Misc :
ALS Vial : 11 Sample Multiplier: 1

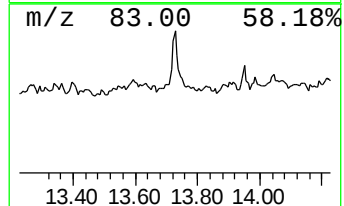
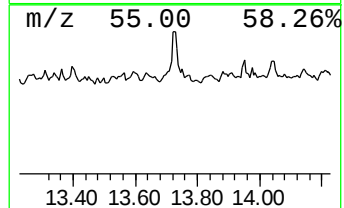
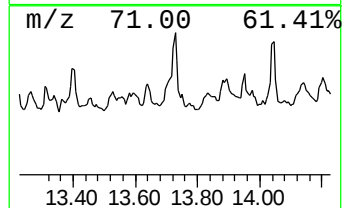
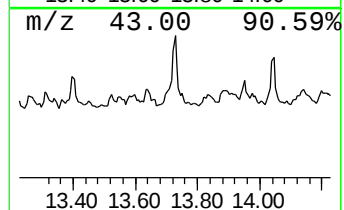
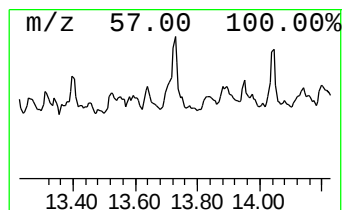
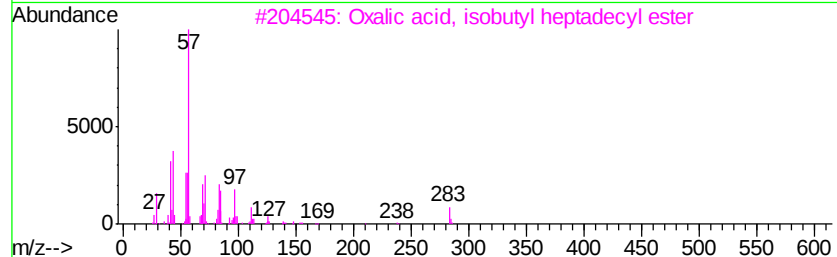
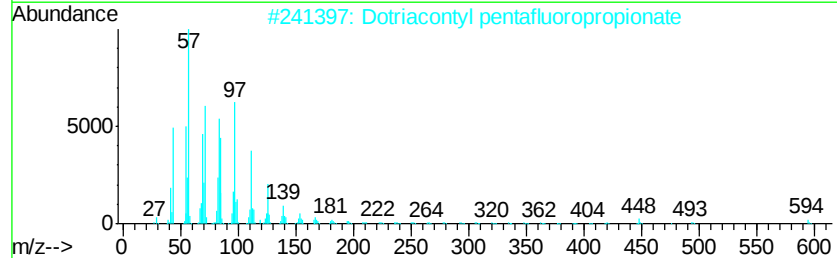
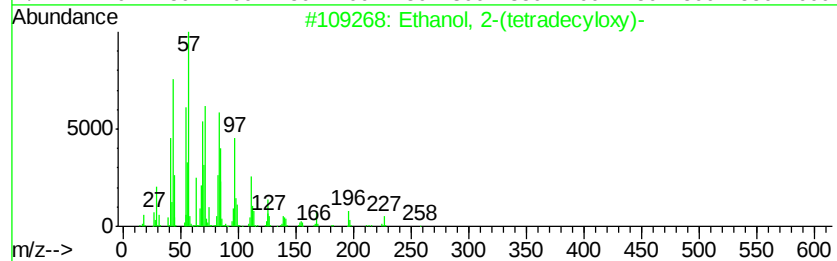
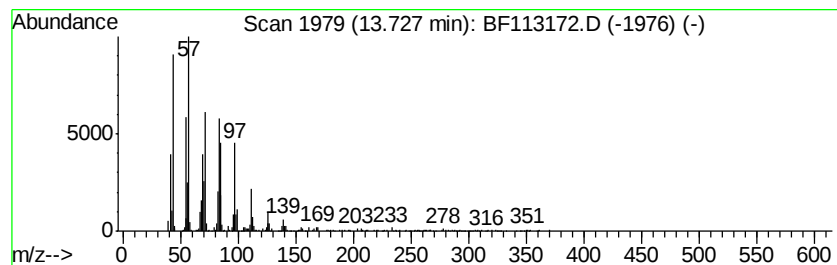
Instrument :
BNA_F
ClientSampleId :
SB-11(14-15)

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 18 Ethanol, 2-(tetradecyloxy)- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.	
13.73	9.68 ng	413151	Chrysene-d12	13.87	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol, 2-(tetradecyloxy)-	258	C16H34O2	002136-70-1	92
2	Dotriacontyl pentafluoropropionate	612	C35H65F5O2	1000351-81-4	91
3	Oxalic acid, isobutyl heptadecyl...	384	C23H44O4	1000309-38-2	87
4	Oxalic acid, isobutyl octadecyl ...	398	C24H46O4	1000309-38-3	87
5	Oxalic acid, isobutyl hexadecyl ...	370	C22H42O4	1000309-38-1	80



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF032019\
Data File : BF113172.D
Acq On : 20 Mar 2019 15:42
Operator : JU/SJ
Sample : K1984-04
Misc :
ALS Vial : 11 Sample Multiplier: 1

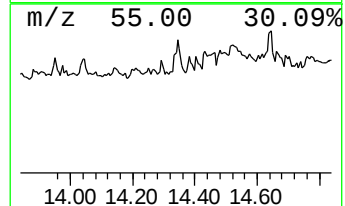
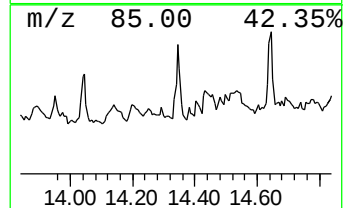
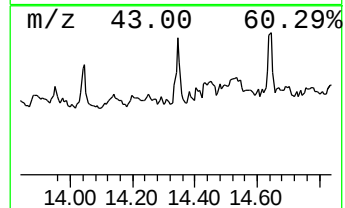
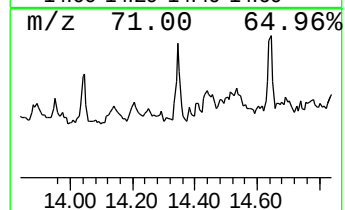
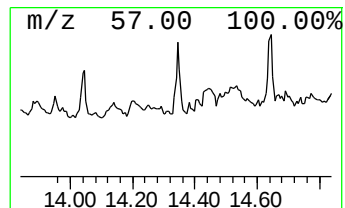
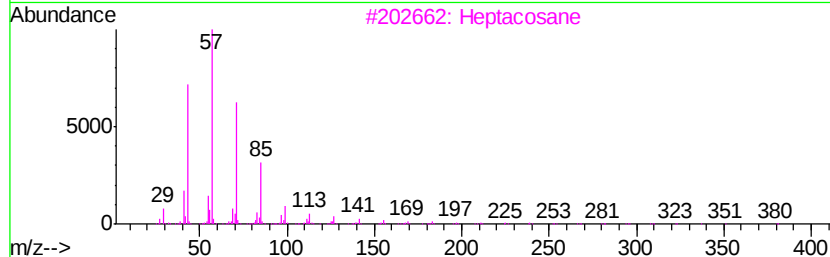
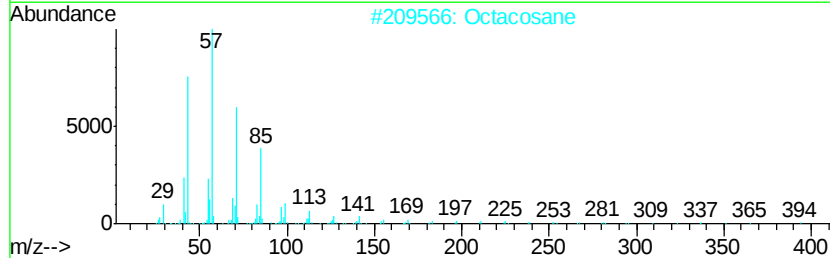
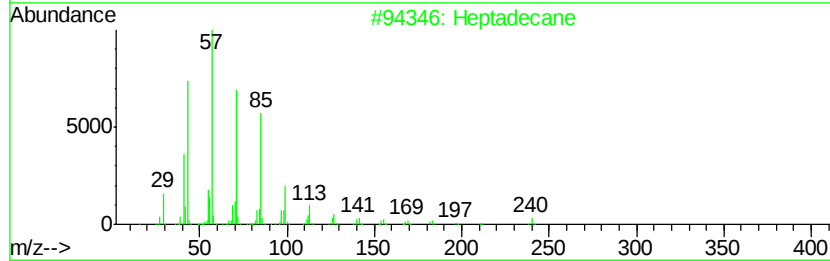
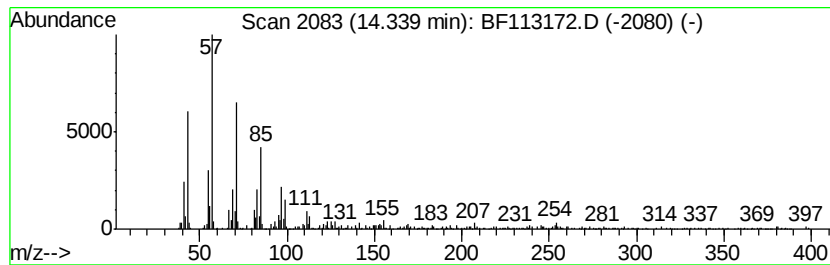
Instrument :
BNA_F
ClientSampleId :
SB-11(14-15)

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 19 Heptadecane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.	
14.34	14.43 ng	615989	Chrysene-d12	13.87	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	95
2	Octacosane	394	C28H58	000630-02-4	95
3	Heptacosane	380	C27H56	000593-49-7	93
4	Hexacosane	366	C26H54	000630-01-3	90
5	2-Bromo dodecane	248	C12H25Br	013187-99-0	83



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF032019\
Data File : BF113172.D
Acq On : 20 Mar 2019 15:42
Operator : JU/SJ
Sample : K1984-04
Misc :
ALS Vial : 11 Sample Multiplier: 1

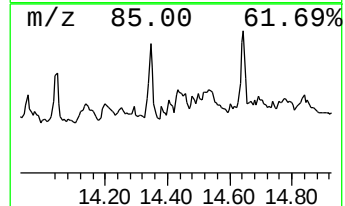
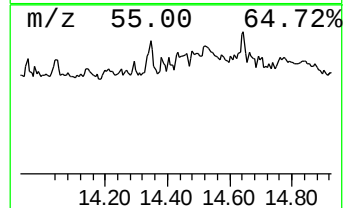
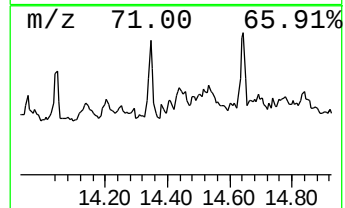
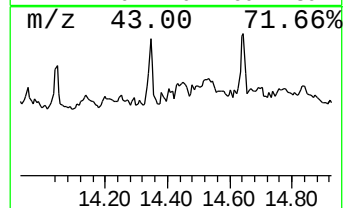
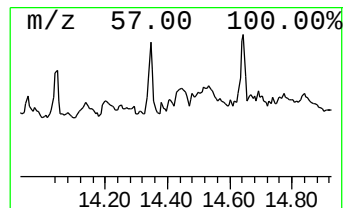
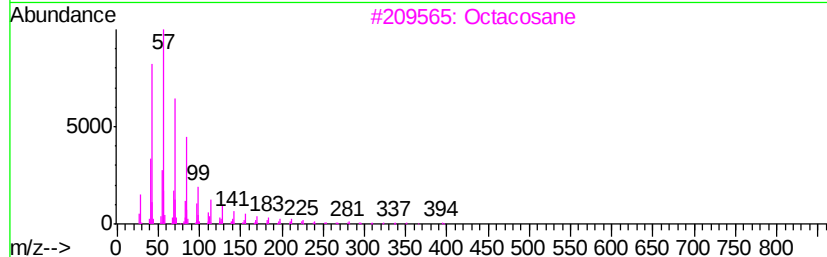
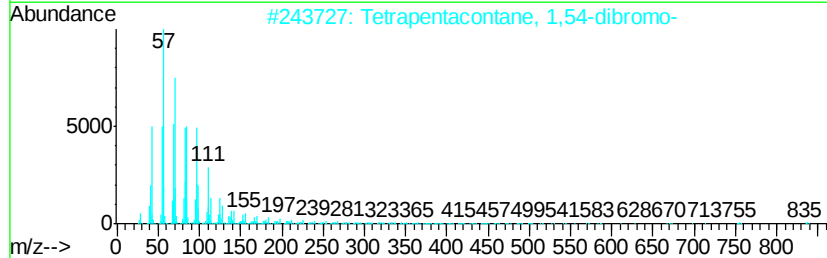
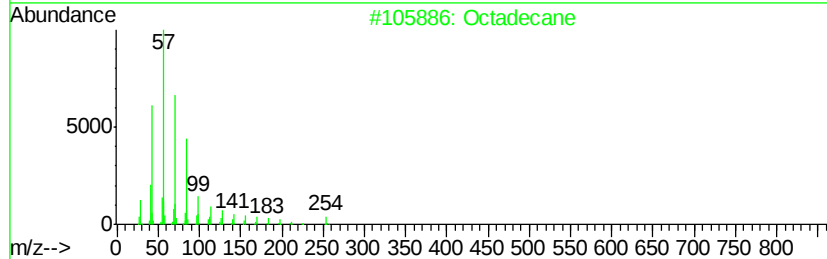
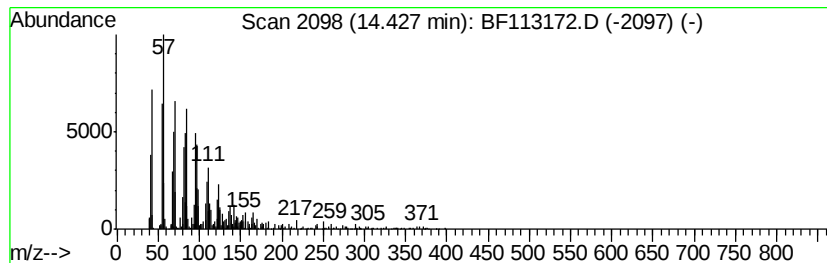
Instrument :
BNA_F
ClientSampleId :
SB-11(14-15)

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 20 Octadecane Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.	
14.43	8.84 ng	377409	Chrysene-d12	13.87	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecane	254	C18H38	000593-45-3	80
2	Tetrapentacontane, 1,54-dibromo-	915	C54H108Br2	1000156-09-4	74
3	Octacosane	394	C28H58	000630-02-4	60
4	Hexadecane, 7,9-dimethyl-	254	C18H38	021164-95-4	47
5	Docosane, 7-hexyl-	394	C28H58	055373-86-9	46



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF032019\
 Data File : BF113172.D
 Acq On : 20 Mar 2019 15:42
 Operator : JU/SJ
 Sample : K1984-04
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-11(14-15)

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
unknown6.50	6.50	63.7	ng	2611440	1	6.72	819965	20.0
Undecane, 3,5-dim...	8.08	5.9	ng	303649	2	8.00	1032230	20.0
1-Octanol, 2-butyl-	8.10	7.7	ng	398979	2	8.00	1032230	20.0
Cyclohexane, hexyl-	8.30	9.9	ng	513178	2	8.00	1032230	20.0
Sulfurous acid, b...	8.44	15.7	ng	812397	2	8.00	1032230	20.0
Ethanone, 1-(1-me...	8.60	6.0	ng	309351	2	8.00	1032230	20.0
Octadecane, 1-chl...	8.70	11.9	ng	616861	2	8.00	1032230	20.0
Heptylcyclohexane	8.92	6.1	ng	463354	3	9.76	1530240	20.0
Decane, 3-ethyl-3...	9.41	7.0	ng	539060	3	9.76	1530240	20.0
Sulfurous acid, 2...	9.92	6.1	ng	463470	3	9.76	1530240	20.0
Sulfurous acid, c...	10.32	5.9	ng	448626	3	9.76	1530240	20.0
Pentadecane, 2,6,...	10.42	17.4	ng	1332150	3	9.76	1530240	20.0
Pentadecane, 2,6,...	10.69	48.4	ng	2101760	4	11.24	868294	20.0
Hexadecane, 2,6,1...	11.15	29.6	ng	1286150	4	11.24	868294	20.0
Nonadecane	11.50	13.2	ng	573857	4	11.24	868294	20.0
n-Hexadecanoic acid	11.78	12.8	ng	554680	4	11.24	868294	20.0
Ethanol, 2-(tetra...	13.73	9.7	ng	413151	5	13.87	853821	20.0
Heptadecane	14.34	14.4	ng	615989	5	13.87	853821	20.0
Octadecane	14.43	8.8	ng	377409	5	13.87	853821	20.0