

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022720\
 Data File : BF119121.D
 Acq On : 27 Feb 2020 20:38
 Operator : CG/JU
 Sample : L1363-06
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HR-05-022620

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-BF022020.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	5.369	555	558	567	rBV	1759190	1797058	49.24%	2.602%
2	5.998	662	665	671	rVB2	183110	208910	5.72%	0.302%
3	6.281	710	713	715	rVV2	251962	250724	6.87%	0.363%
4	6.345	721	724	728	rBV2	270100	296061	8.11%	0.429%
5	6.387	728	731	735	rBV	1813127	1715161	46.99%	2.483%
6	6.434	736	739	744	rVB	158024	217713	5.97%	0.315%
7	6.487	744	748	753	rBV3	149960	285563	7.82%	0.413%
8	6.587	760	765	771	rBV	1123191	1169875	32.05%	1.694%
9	6.745	789	792	794	rVV	1009229	914340	25.05%	1.324%
10	6.769	794	796	800	rVV2	528223	483758	13.25%	0.700%
11	6.804	800	802	807	rVV3	430021	442986	12.14%	0.641%
12	6.898	815	818	822	rVV2	2063279	2175430	59.60%	3.150%
13	7.028	836	840	843	rVB3	593192	668159	18.31%	0.967%
14	7.063	843	846	849	rBV2	535407	645467	17.69%	0.935%
15	7.092	849	851	856	rVB	483795	406808	11.15%	0.589%
16	7.139	856	859	863	rBV	923567	819918	22.47%	1.187%
17	7.286	879	884	885	rBV3	608294	721042	19.76%	1.044%
18	7.310	885	888	892	rVV2	1145821	1144407	31.36%	1.657%
19	7.351	892	895	898	rVB	2476450	2125534	58.24%	3.078%
20	7.398	898	903	906	rVB5	501022	689295	18.89%	0.998%
21	7.434	906	909	911	rBV3	271331	333811	9.15%	0.483%
22	7.463	911	914	918	rVB4	371581	383309	10.50%	0.555%
23	7.522	918	924	925	rBV3	220693	395283	10.83%	0.572%
24	7.545	925	928	933	rVB3	668717	991275	27.16%	1.435%
25	7.657	940	947	948	rBV3	484696	763481	20.92%	1.105%
26	7.716	954	957	960	rVB3	489865	565486	15.49%	0.819%
27	7.751	960	963	964	rBV	649872	528573	14.48%	0.765%
28	7.769	964	966	968	rVV2	337909	281612	7.72%	0.408%
29	7.833	974	977	978	rBV	412335	390866	10.71%	0.566%
30	7.851	978	980	981	rVV	335748	294427	8.07%	0.426%
31	7.869	981	983	985	rVB	539454	415087	11.37%	0.601%
32	7.898	985	988	992	rBV2	278472	352837	9.67%	0.511%
33	7.969	997	1000	1001	rBV	263666	222868	6.11%	0.323%
34	7.986	1001	1003	1005	rVV3	317362	327378	8.97%	0.474%

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35	8.022	1005	1009	1012	rVV2	3529804	3649752	100.00%	5.285%
36	8.051	1012	1014	1017	rVV2	315388	466463	12.78%	0.675%
37	8.075	1017	1018	1020	rVV	447705	408752	11.20%	0.592%
38	8.098	1020	1022	1024	rVV	1187274	836439	22.92%	1.211%
39	8.122	1024	1026	1029	rVV2	355089	281639	7.72%	0.408%
40	8.186	1034	1037	1038	rBV3	254143	233357	6.39%	0.338%
41	8.228	1042	1044	1048	rVB2	422629	537666	14.73%	0.779%
42	8.275	1048	1052	1053	rBV2	222377	230791	6.32%	0.334%
43	8.322	1056	1060	1063	rVV4	730234	1039653	28.49%	1.505%
44	8.351	1063	1065	1067	rVB2	258792	210868	5.78%	0.305%
45	8.380	1067	1070	1072	rBV2	555855	422781	11.58%	0.612%
46	8.410	1072	1075	1079	rVB2	730594	728549	19.96%	1.055%
47	8.457	1079	1083	1088	rBV2	1335591	1505932	41.26%	2.181%
48	8.498	1088	1090	1092	rVB	368178	279498	7.66%	0.405%
49	8.533	1092	1096	1099	rBV2	969117	877747	24.05%	1.271%
50	8.575	1099	1103	1105	rBV4	275164	327974	8.99%	0.475%
51	8.628	1108	1112	1115	rBV	2805793	2709604	74.24%	3.923%
52	8.686	1119	1122	1125	rVV2	624603	676303	18.53%	0.979%
53	8.722	1125	1128	1130	rVB3	525340	476701	13.06%	0.690%
54	8.851	1146	1150	1153	rBV2	551923	516089	14.14%	0.747%
55	8.910	1157	1160	1162	rBV4	379188	370414	10.15%	0.536%
56	8.992	1172	1174	1177	rVB2	561623	447486	12.26%	0.648%
57	9.028	1177	1180	1182	rVV2	370172	331768	9.09%	0.480%
58	9.057	1182	1185	1189	rVV2	1101135	1137969	31.18%	1.648%
59	9.104	1189	1193	1196	rVV	2182965	2010885	55.10%	2.912%
60	9.192	1204	1208	1212	rVV	2703344	2520265	69.05%	3.649%
61	9.257	1216	1219	1221	rVV	461426	548745	15.04%	0.795%
62	9.439	1248	1250	1252	rVV2	440652	441258	12.09%	0.639%
63	9.463	1252	1254	1257	rVV2	422432	370386	10.15%	0.536%
64	9.510	1257	1262	1264	rVV2	1039711	1295321	35.49%	1.876%
65	9.527	1264	1265	1268	rVV	484681	381568	10.45%	0.552%
66	9.563	1268	1271	1274	rVB2	390777	372479	10.21%	0.539%
67	9.716	1294	1297	1301	rVB	1665125	1397907	38.30%	2.024%
68	9.757	1301	1304	1305	rBV3	245977	220238	6.03%	0.319%
69	9.780	1305	1308	1311	rVB	1120924	958577	26.26%	1.388%
70	9.945	1333	1336	1339	rVV3	166645	259850	7.12%	0.376%
71	9.980	1339	1342	1344	rVV2	212216	261525	7.17%	0.379%

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72	10.039	1348	1352	1355	rVB4	277258	385821	10.57%	0.559%
73	10.216	1379	1382	1384	rVB	862785	703105	19.26%	1.018%
74	10.322	1397	1400	1406	rBV4	148744	228853	6.27%	0.331%
75	10.433	1413	1419	1425	rVV	275472	341261	9.35%	0.494%
76	10.569	1436	1442	1445	rBV	1060981	1097260	30.06%	1.589%
77	10.686	1459	1462	1470	rVB	488507	614213	16.83%	0.889%
78	11.263	1556	1560	1562	rBV	873996	852309	23.35%	1.234%
79	11.286	1562	1564	1567	rVV	591488	496067	13.59%	0.718%
80	11.657	1624	1627	1629	rBV	281392	233358	6.39%	0.338%
81	11.763	1642	1645	1647	rBV	273362	224748	6.16%	0.325%
82	11.792	1647	1650	1653	rVB	374564	322615	8.84%	0.467%
83	11.874	1660	1664	1666	rBV2	232008	257619	7.06%	0.373%
84	12.310	1735	1738	1740	rBV	236953	218036	5.97%	0.316%
85	12.339	1740	1743	1745	rVV	934078	931609	25.53%	1.349%
86	12.363	1745	1747	1751	rVV2	962446	841344	23.05%	1.218%
87	12.474	1763	1766	1769	rVV	421079	373210	10.23%	0.540%
88	12.698	1799	1804	1807	rBV	653208	693627	19.00%	1.004%
89	12.839	1825	1828	1832	rBV	2009896	1897339	51.99%	2.747%
90	13.027	1854	1860	1863	rBV	160821	241729	6.62%	0.350%
91	13.745	1979	1982	1986	rBV2	208771	220369	6.04%	0.319%
92	13.898	2003	2008	2011	rBV2	1119879	1300341	35.63%	1.883%
93	13.921	2011	2012	2016	rVB	262091	214775	5.88%	0.311%
94	14.662	2135	2138	2141	rBV2	236100	233475	6.40%	0.338%
95	14.921	2179	2182	2189	rVV	195121	326290	8.94%	0.472%
96	14.980	2189	2192	2197	rVB	221095	293630	8.05%	0.425%
97	15.268	2238	2241	2247	rBV	249271	316787	8.68%	0.459%
98	15.333	2247	2252	2259	rBV	875033	1312389	35.96%	1.900%
99	15.980	2359	2362	2371	rVB2	218550	406831	11.15%	0.589%
100	16.392	2429	2432	2440	rVB	199517	315968	8.66%	0.458%

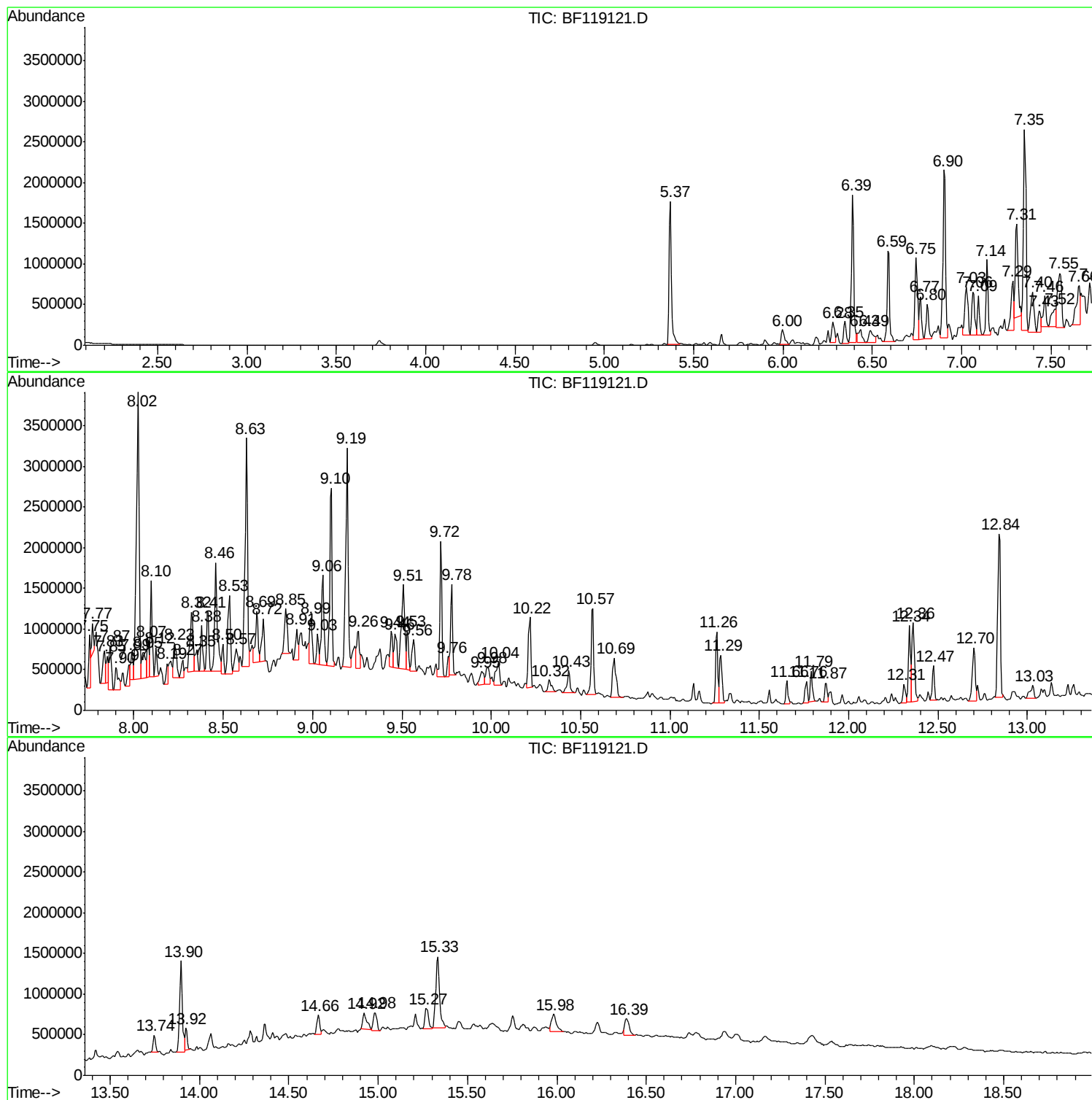
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ClientSampled :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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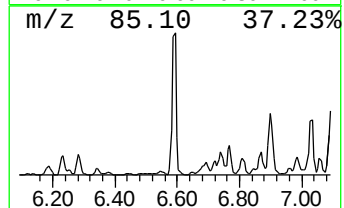
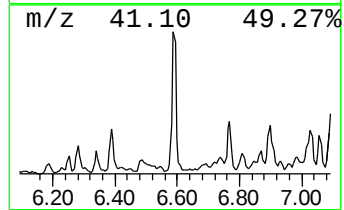
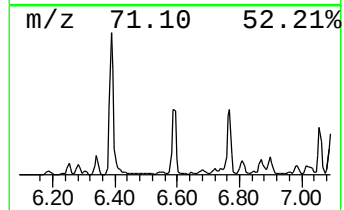
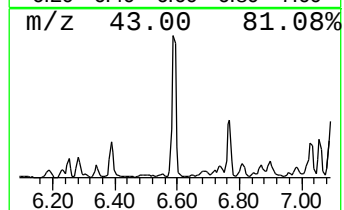
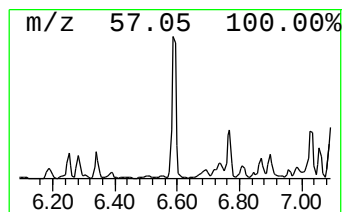
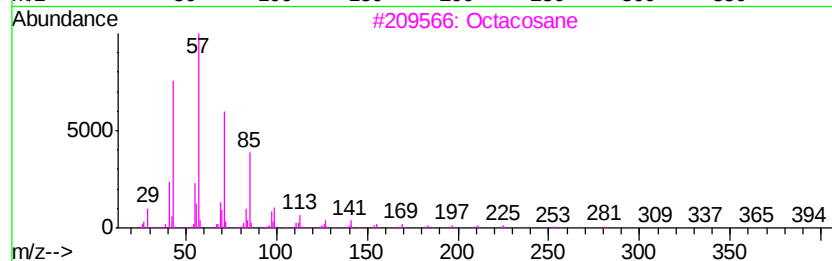
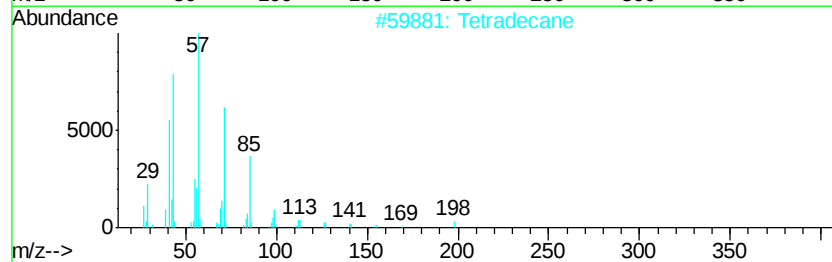
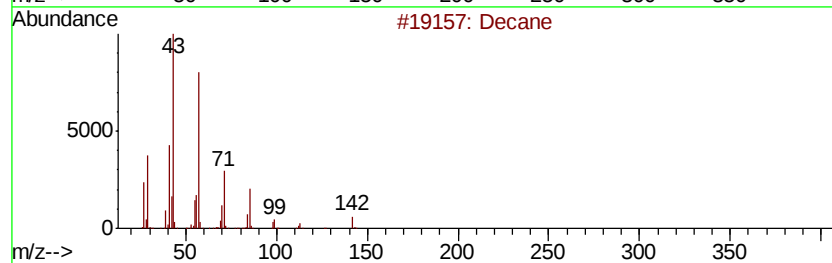
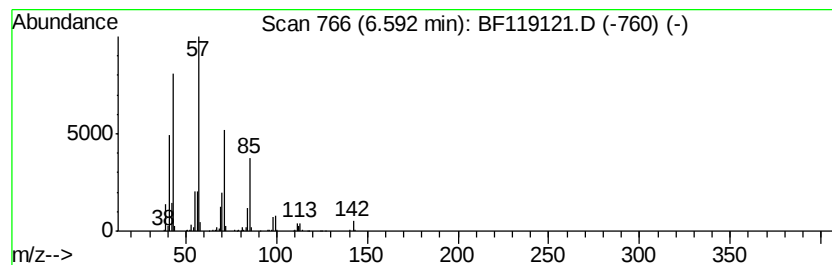
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 Decane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.59	25.59 ng	1169880	1,4-Dichlorobenzene-d4	6.75

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Decane	142	C10H22	000124-18-5	93
2		Tetradecane	198	C14H30	000629-59-4	90
3		Octacosane	394	C28H58	000630-02-4	64
4		1-Iodo-2-methylundecane	296	C12H25I	073105-67-6	64
5		Heptane, 2,4-dimethyl-	128	C9H20	002213-23-2	64



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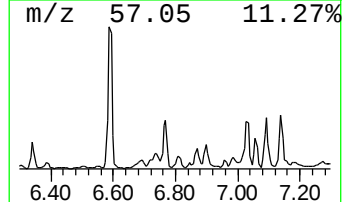
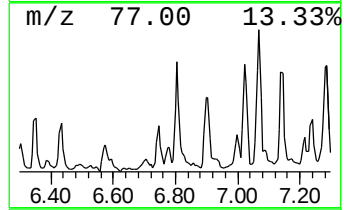
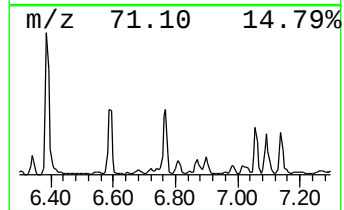
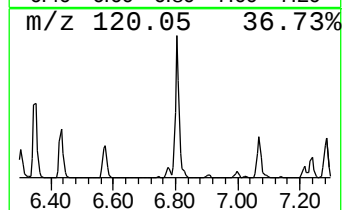
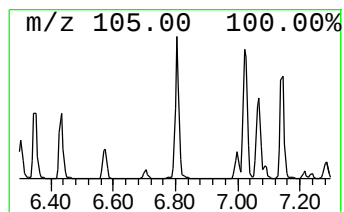
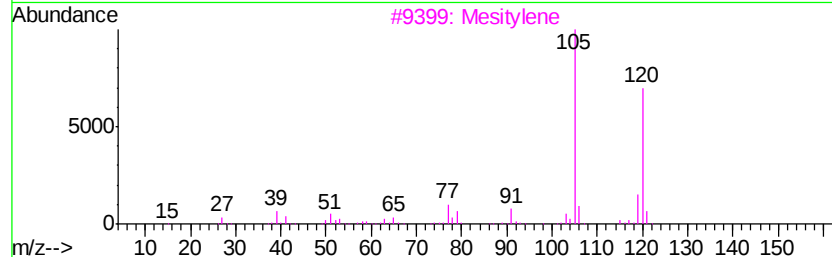
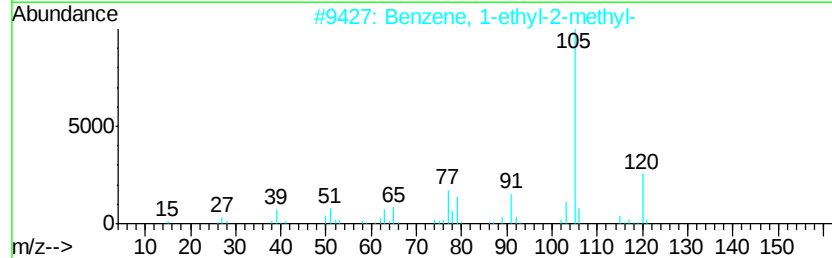
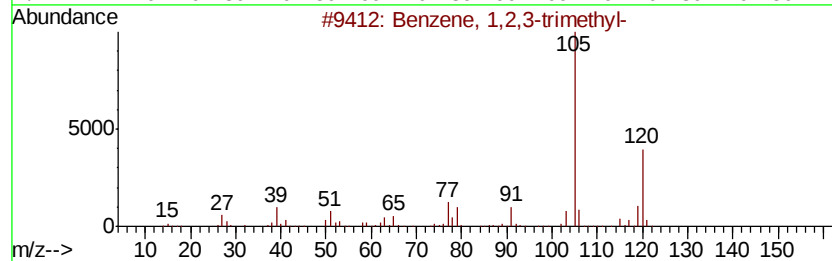
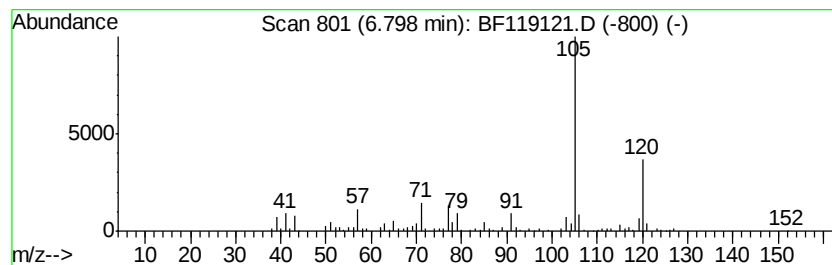
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Peak Number 2 Benzene, 1,2,3-trimethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.80	9.69 ng	442986	1,4-Dichlorobenzene-d4	6.75

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	95
2			Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	93
3			Mesitylene	120	C9H12	000108-67-8	93
4			Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	90
5			Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	90



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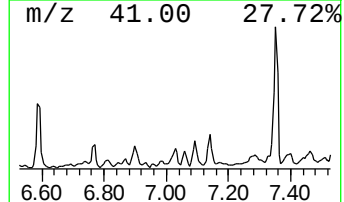
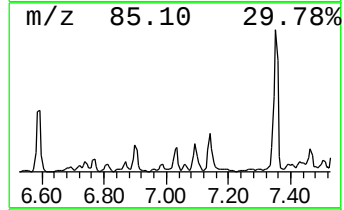
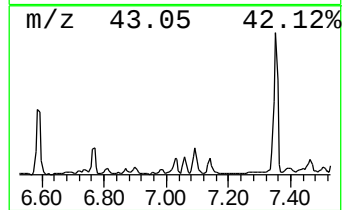
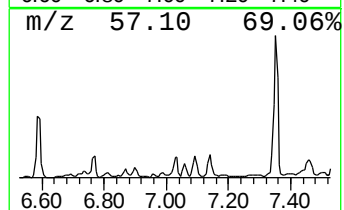
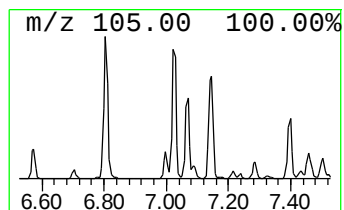
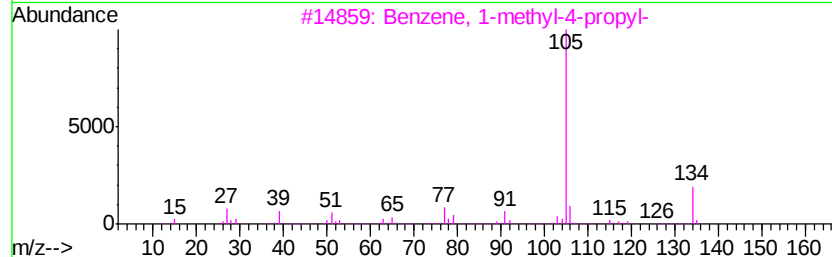
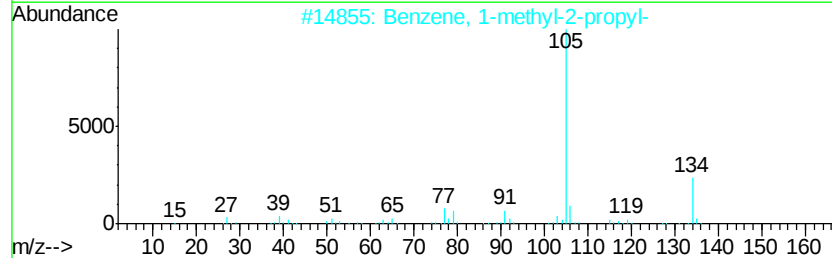
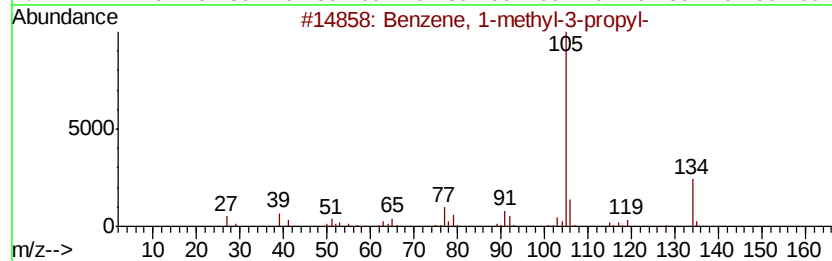
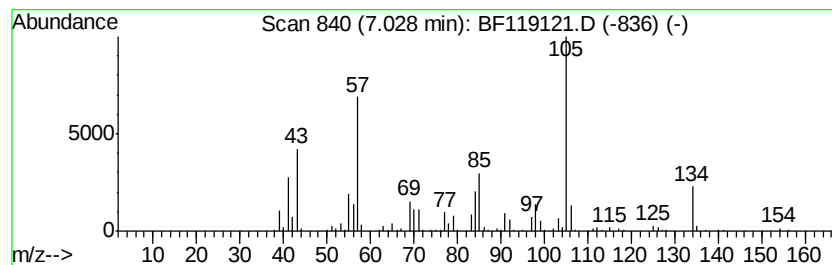
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Peak Number 4 Benzene, 1-methyl-3-propyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.03	14.62 ng	668159	1,4-Dichlorobenzene-d4	6.75

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-methyl-3-propyl-	134	C10H14	001074-43-7	86
2		Benzene, 1-methyl-2-propyl-	134	C10H14	001074-17-5	46
3		Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	46
4		Benzene, (1-methylpropyl)-	134	C10H14	000135-98-8	46
5		Malonic acid, 2-ethylbutyl undec...	342	C20H38O4	1000348-96-2	43



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022720\
Data File : BF119121.D
Acq On : 27 Feb 2020 20:38
Operator : CG/JU
Sample : L1363-06
Misc :
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Instrument :
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ClientSampleId :
HR-05-022620

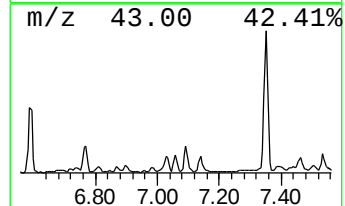
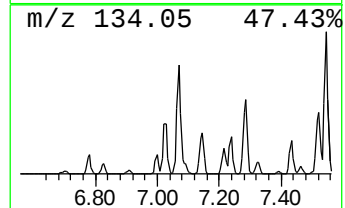
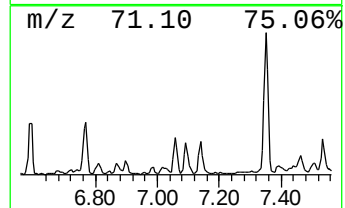
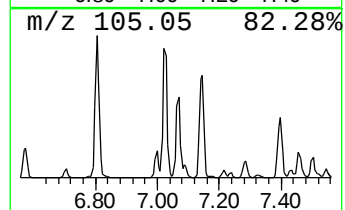
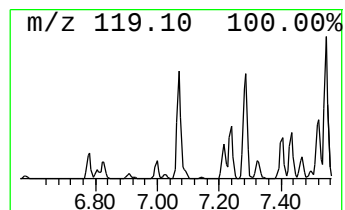
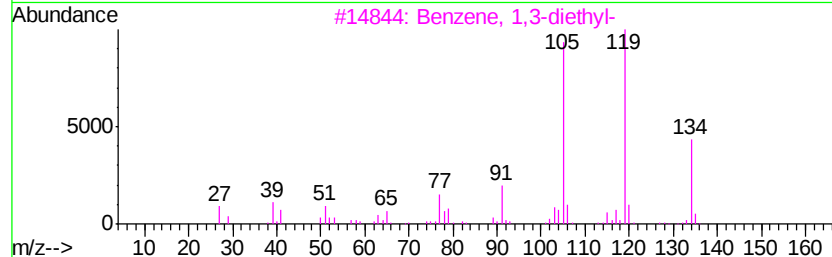
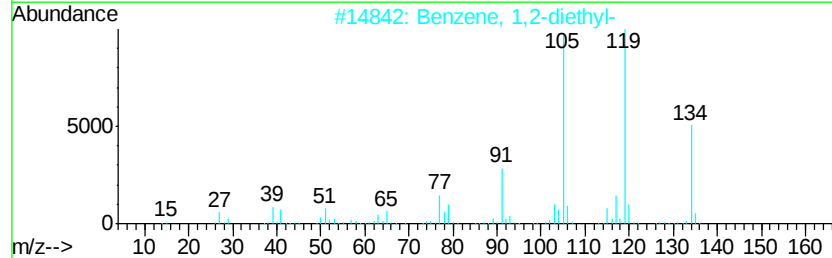
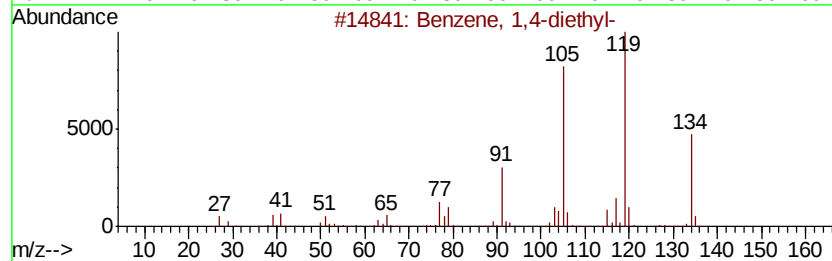
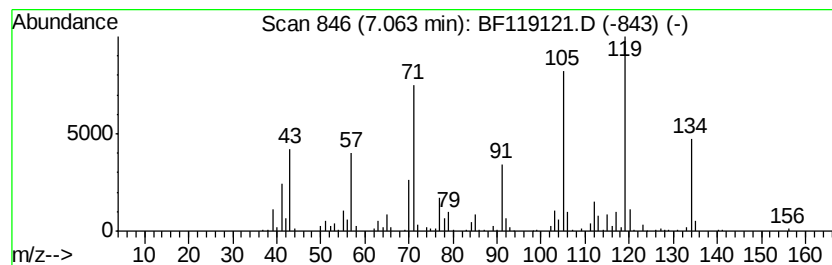
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Benzene, 1,4-diethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.06	14.12 ng	645467	1,4-Dichlorobenzene-d4	6.75

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	95
2		Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	92
3		Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	91
4		Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	70
5		Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	64



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022720\
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Misc :
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ClientSampleId :
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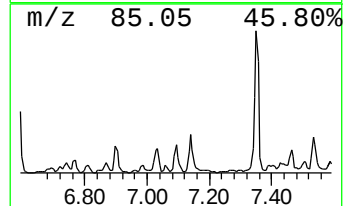
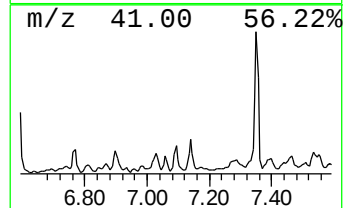
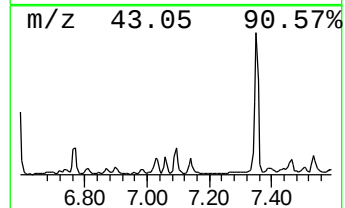
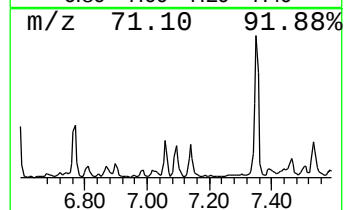
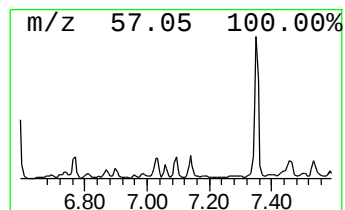
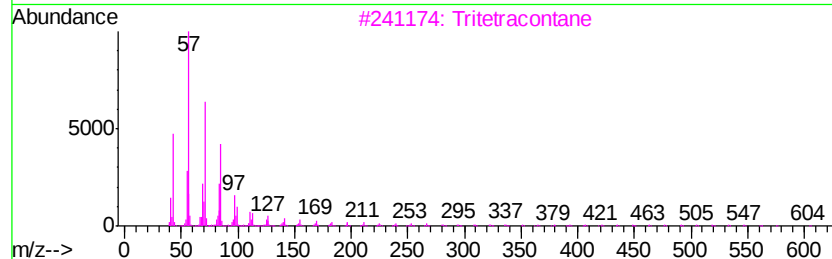
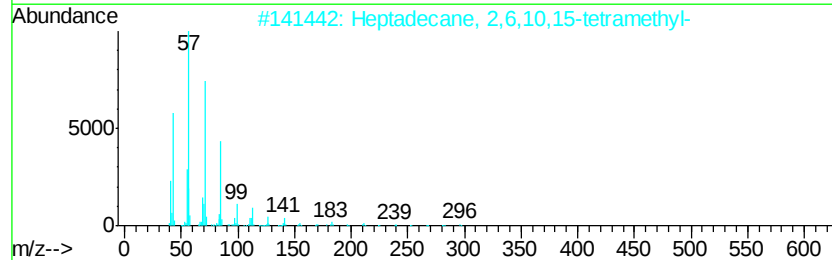
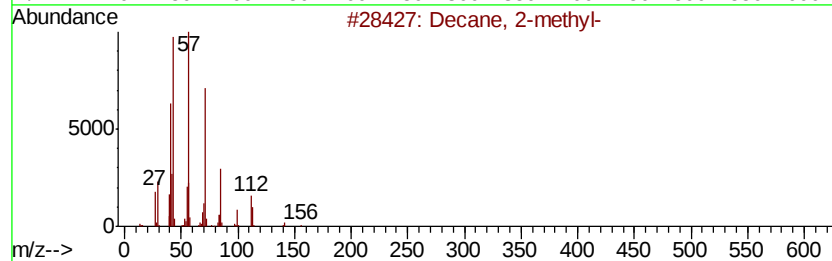
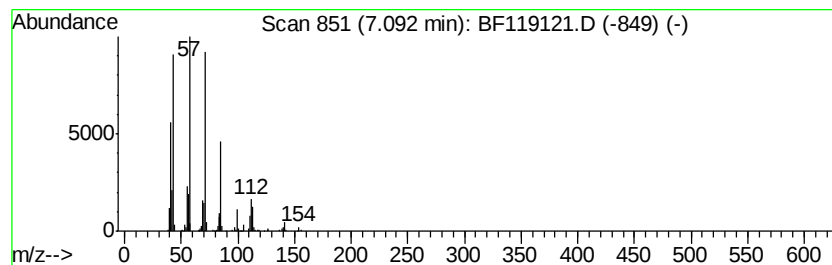
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Decane, 2-methyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.09	8.90 ng	406808	1,4-Dichlorobenzene-d4	6.75

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Decane, 2-methyl-	156	C11H24	006975-98-0	95
2		Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	80
3		Tritetracontane	605	C43H88	007098-21-7	72
4		Tetratetracontane	619	C44H90	007098-22-8	72
5		Undecane, 3,8-dimethyl-	184	C13H28	017301-30-3	72



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022720\
Data File : BF119121.D
Acq On : 27 Feb 2020 20:38
Operator : CG/JU
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Misc :
ALS Vial : 18 Sample Multiplier: 1

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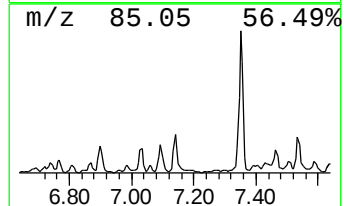
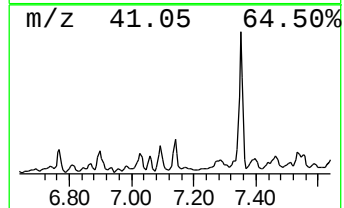
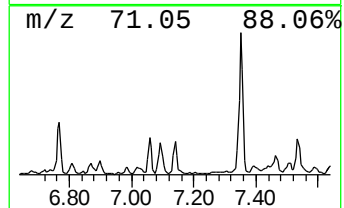
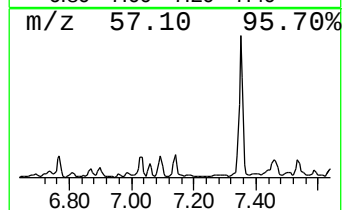
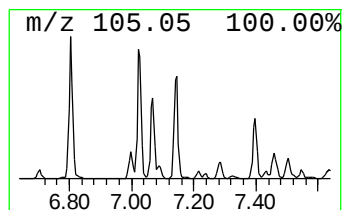
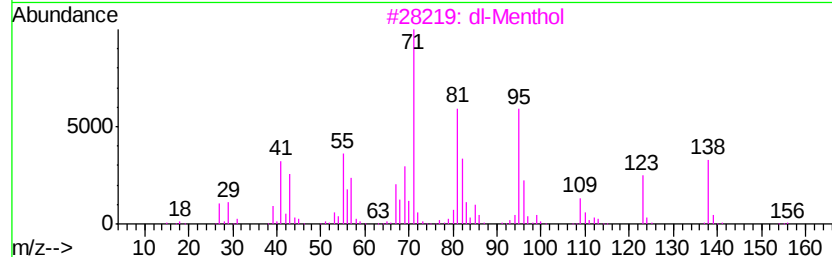
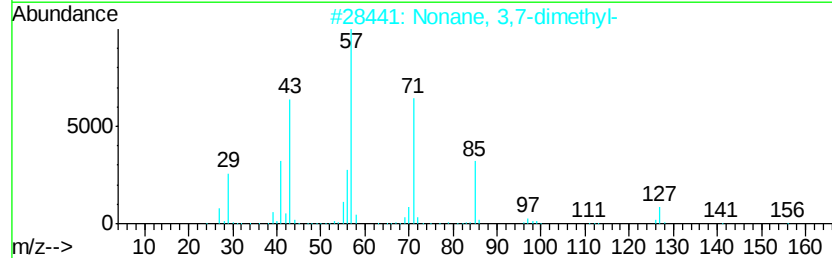
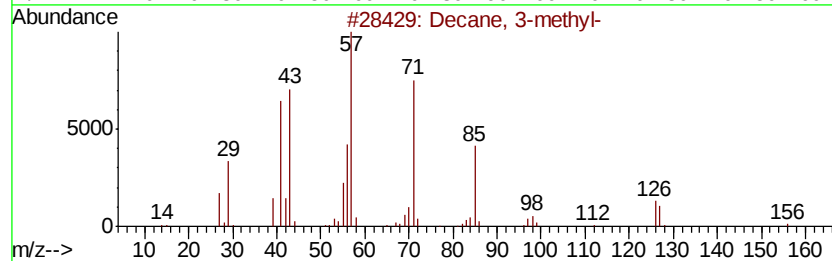
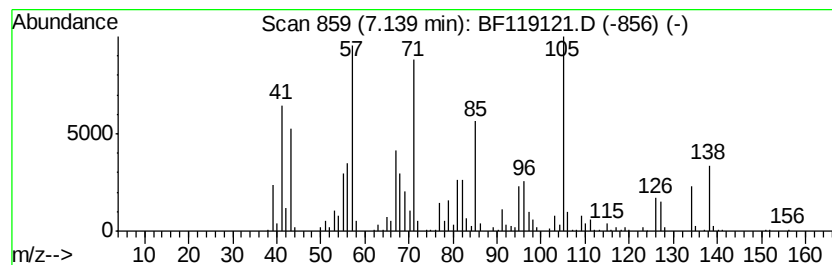
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Decane, 3-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.14	17.93 ng	819918	1,4-Dichlorobenzene-d4	6.75

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Decane, 3-methyl-	156	C11H24	013151-34-3	50
2		Nonane, 3,7-dimethyl-	156	C11H24	017302-32-8	41
3		dl-Menthol	156	C10H20O	000089-78-1	38
4		Nonane, 5-methyl-5-propyl-	184	C13H28	017312-75-3	38
5		1-Octanol, 2,2-dimethyl-	158	C10H22O	002370-14-1	38



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022720\
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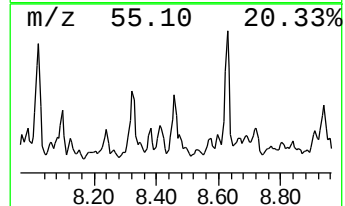
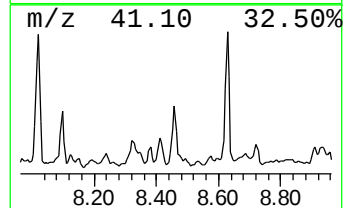
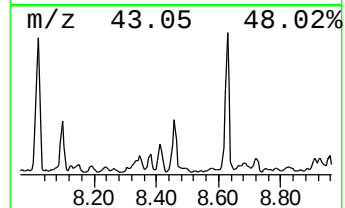
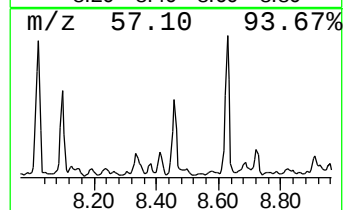
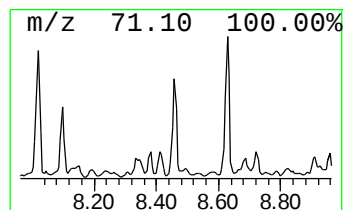
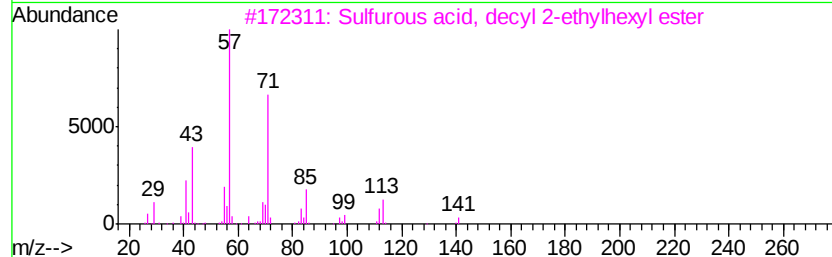
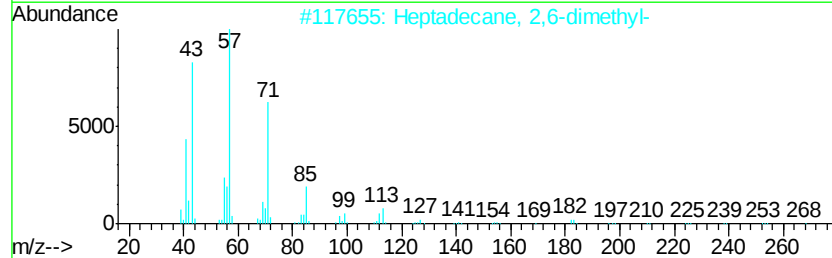
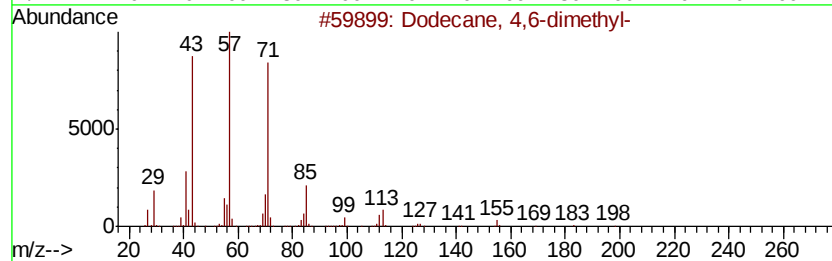
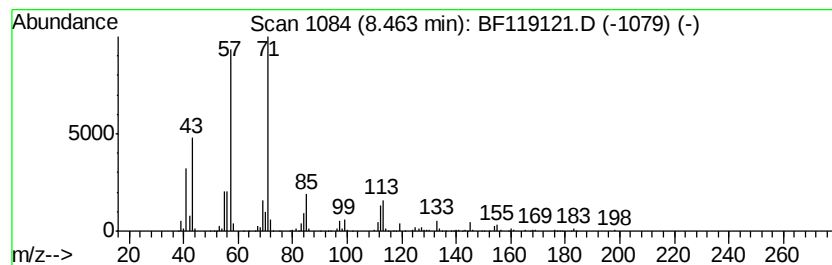
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Dodecane, 4,6-dimethyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.	
8.46	8.25 ng	1505930	Napthalene-d8	8.03	
Hit# of	5	Tentative ID	MW MolForm	CAS#	Qual
1	Dodecane, 4,6-dimethyl-	198	C14H30	061141-72-8	93
2	Heptadecane, 2,6-dimethyl-	268	C19H40	054105-67-8	86
3	Sulfurous acid, decyl 2-ethylhex...	334	C18H38O3S	1000309-19-3	83
4	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	72
5	Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	64



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022720\
Data File : BF119121.D
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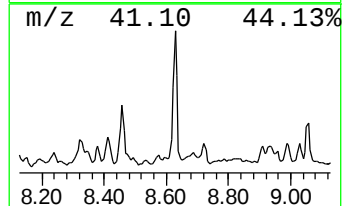
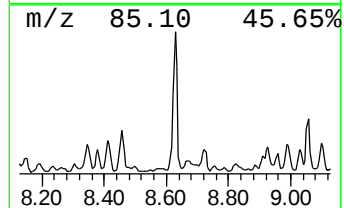
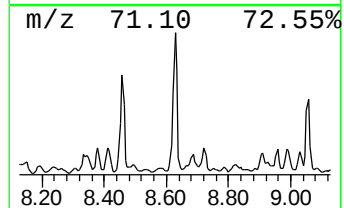
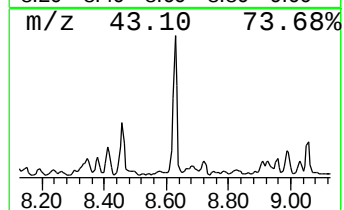
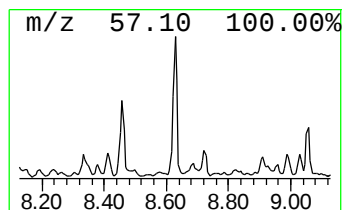
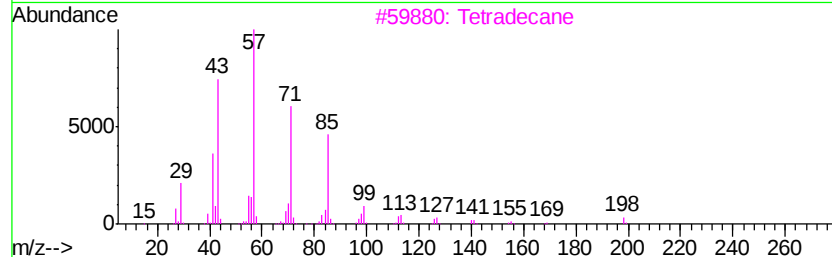
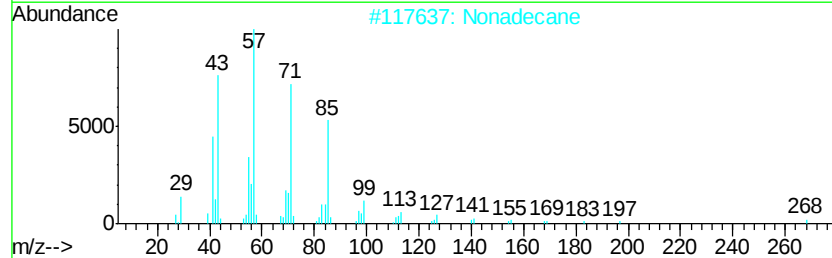
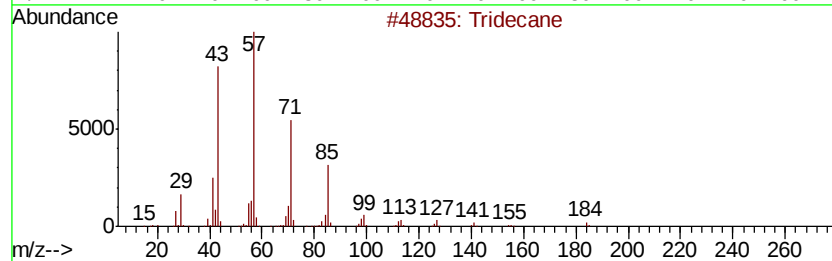
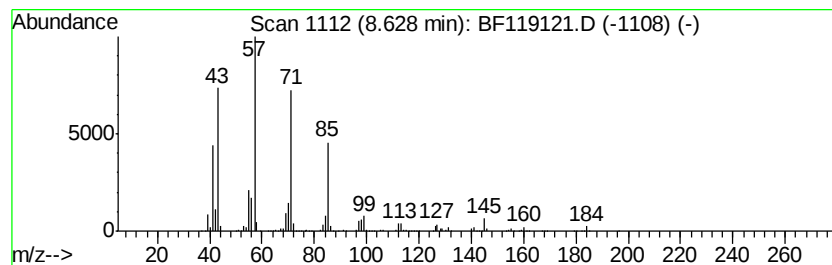
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Tridecane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.63	14.85 ng	2709600	Naphthalene-d8	8.03

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tridecane	184	C13H28	000629-50-5	93
2		Nonadecane	268	C19H40	000629-92-5	90
3		Tetradecane	198	C14H30	000629-59-4	86
4		Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	80
5		Octane, 2,4,6-trimethyl-	156	C11H24	062016-37-9	72



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022720\
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ClientSampleId :
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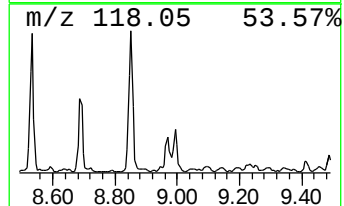
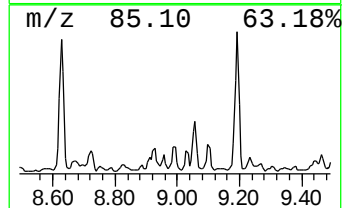
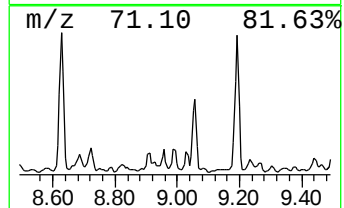
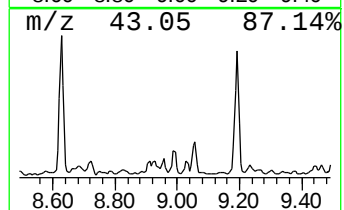
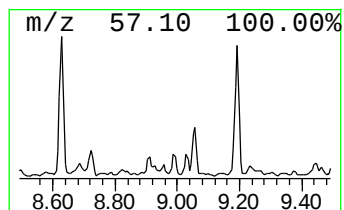
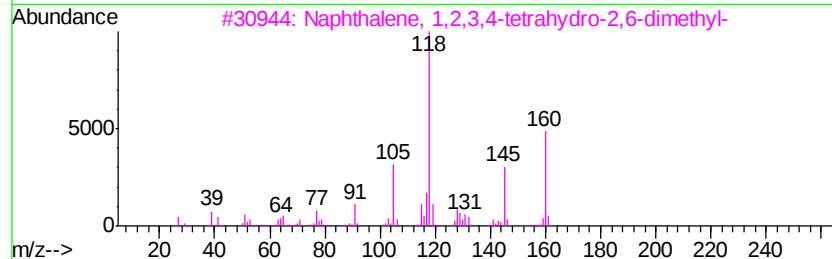
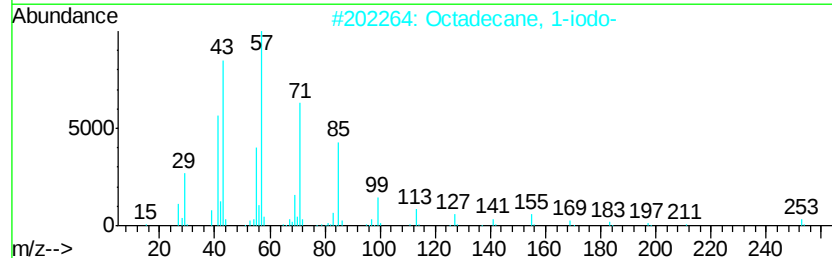
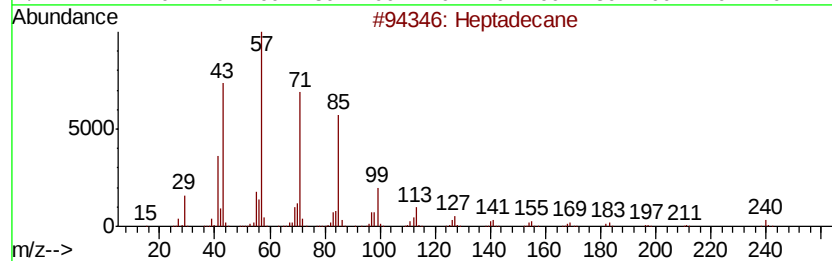
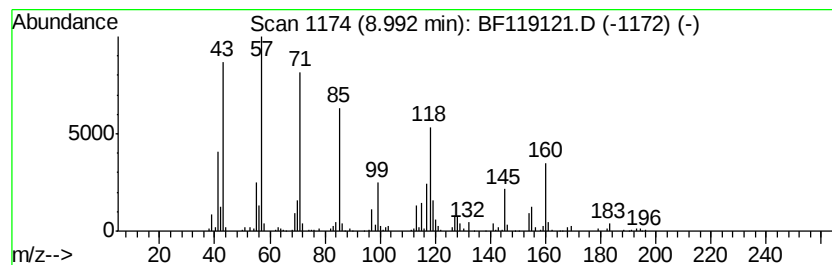
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 unknown8.99 Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.99	9.34 ng	447486	Acenaphthene-d10	9.78

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heptadecane	240	C17H36	000629-78-7	43
2			Octadecane, 1-iodo-	380	C18H37I	000629-93-6	43
3			Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	007524-63-2	38
4			2,3-Dimethyldodecane	198	C14H30	006117-98-2	35
5			2-Bromo dodecane	248	C12H25Br	013187-99-0	35



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022720\
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ALS Vial : 18 Sample Multiplier: 1

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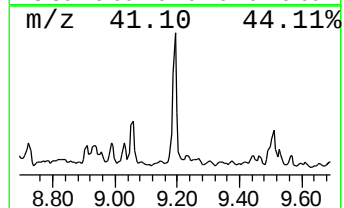
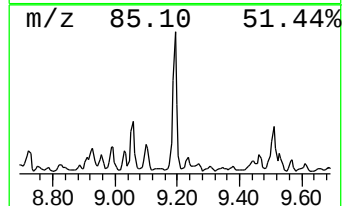
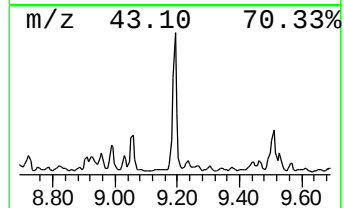
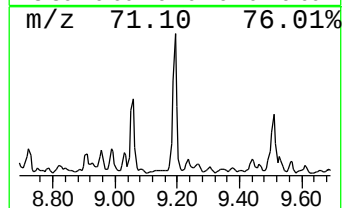
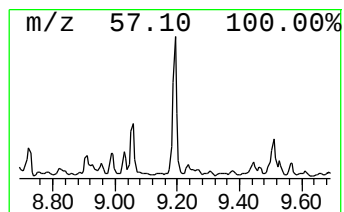
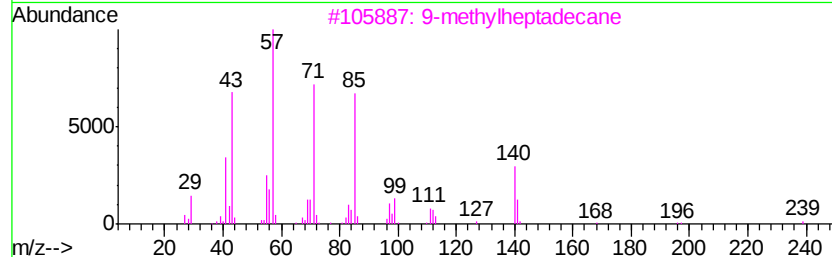
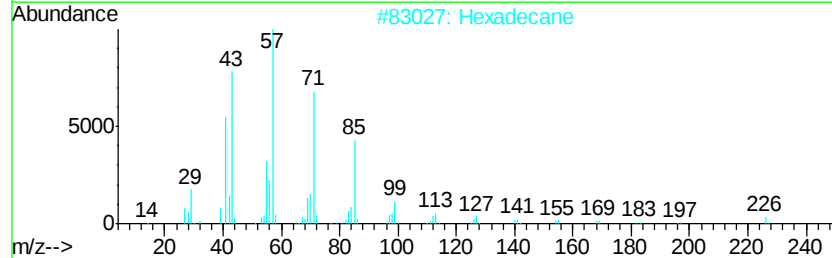
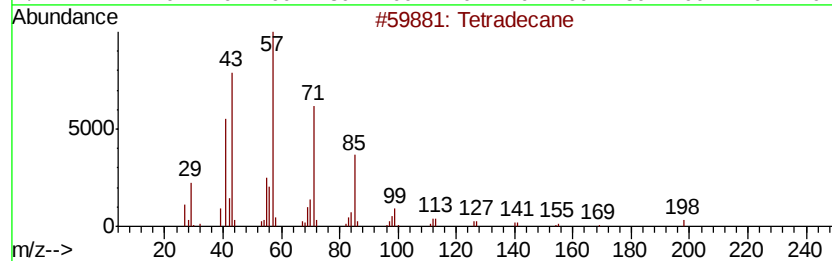
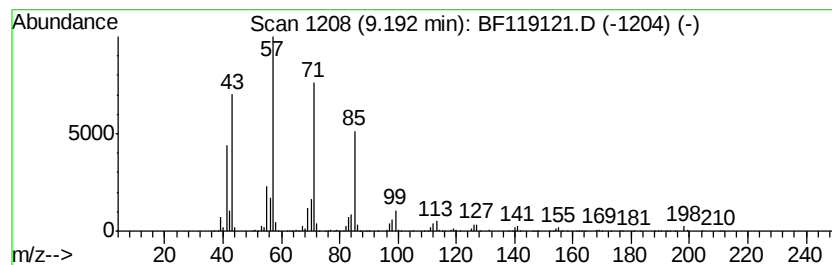
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Tetradecane Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.19	52.58 ng	2520270	Acenaphthene-d10	9.78

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tetradecane	198	C14H30	000629-59-4	97
2		Hexadecane	226	C16H34	000544-76-3	90
3		9-methylheptadecane	254	C18H38	026741-18-4	90
4		1-Iodo-2-methylnonane	268	C10H21I	1000101-47-9	80
5		Dodecane	170	C12H26	000112-40-3	80



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022720\
Data File : BF119121.D
Acq On : 27 Feb 2020 20:38
Operator : CG/JU
Sample : L1363-06
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HR-05-022620

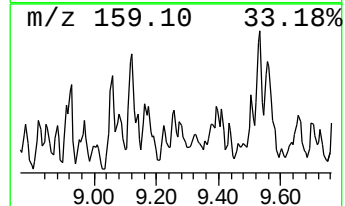
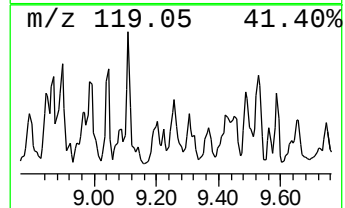
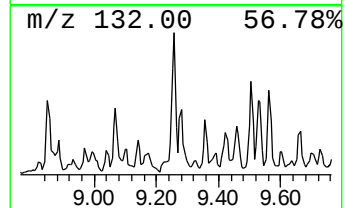
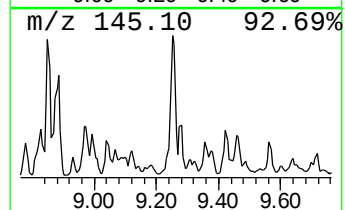
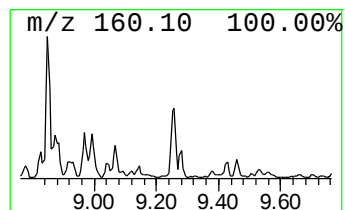
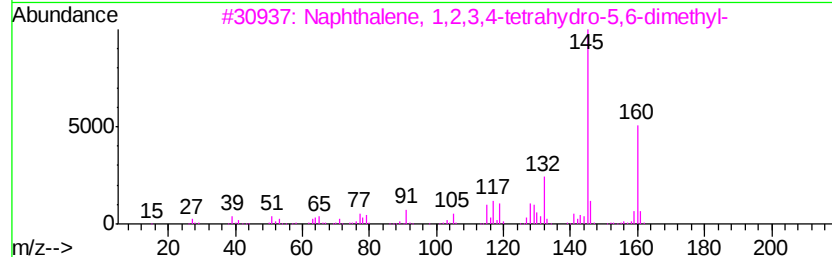
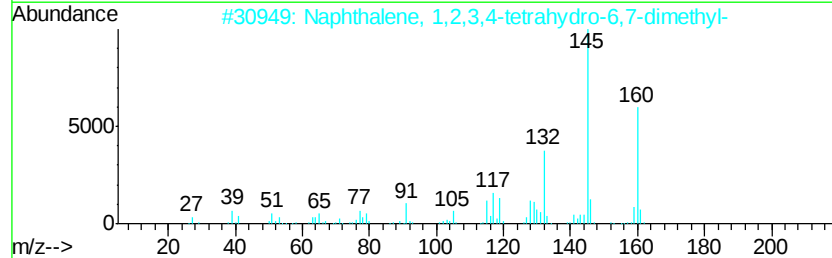
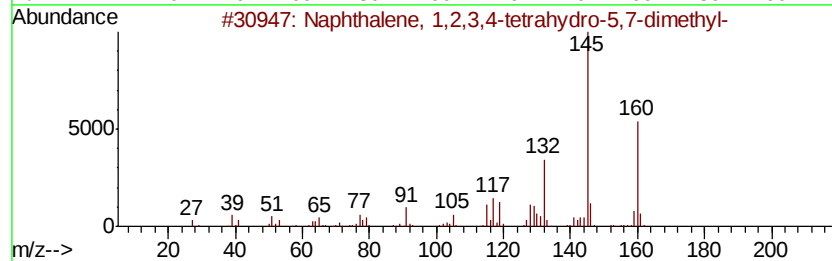
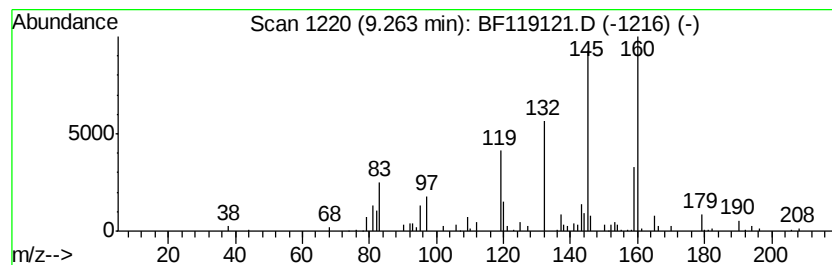
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.26	11.45 ng	548745	Acenaphthene-d10	9.78

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	021693-54-9	94
2		Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	001076-61-5	93
3		Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	020027-77-4	91
4		Benzene, 1-(2-butenyl)-2,3-dimet...	160	C12H16	054340-85-1	80
5		Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	021564-91-0	74



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022720\
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Misc :
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ClientSampleId :
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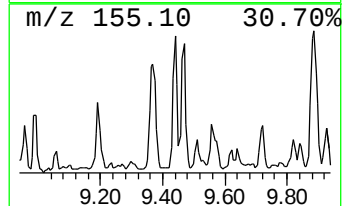
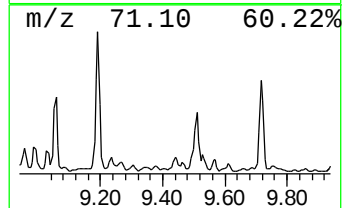
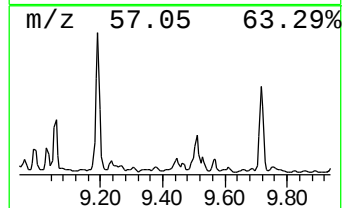
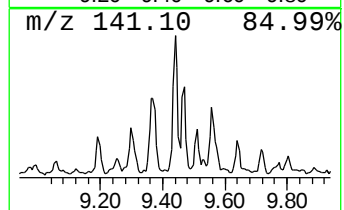
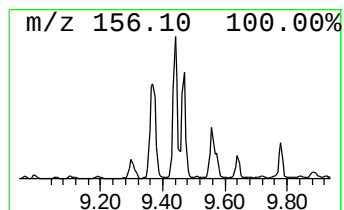
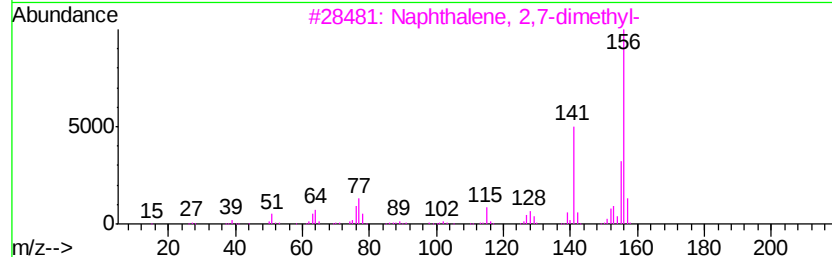
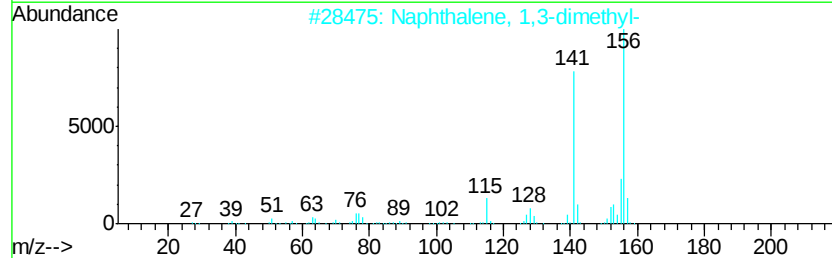
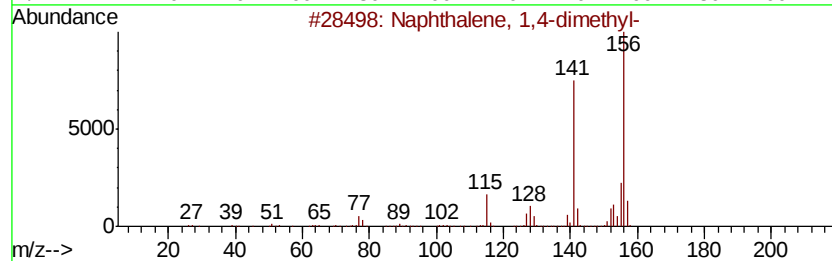
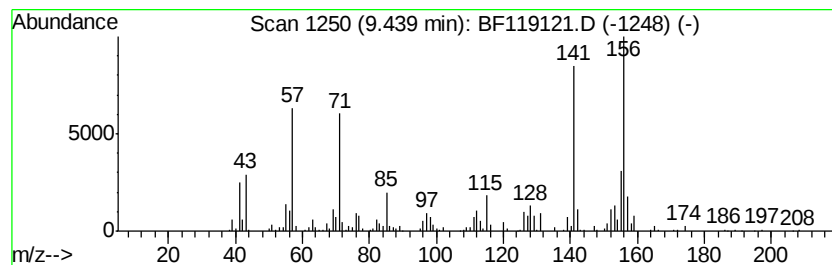
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Naphthalene, 1,4-dimethyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.44	9.21 ng	441258	Acenaphthene-d10	9.78

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	97
2		Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96
3		Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	95
4		Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	95
5		Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	94



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022720\
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Misc :
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ClientSampleId :
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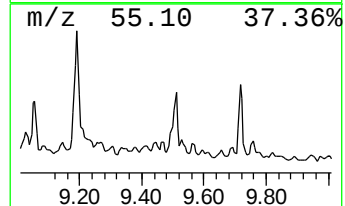
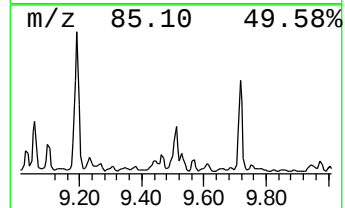
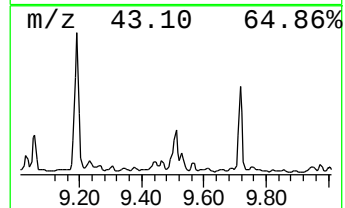
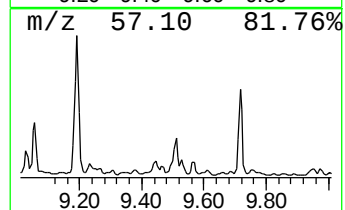
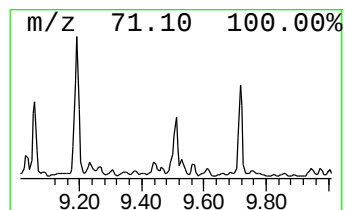
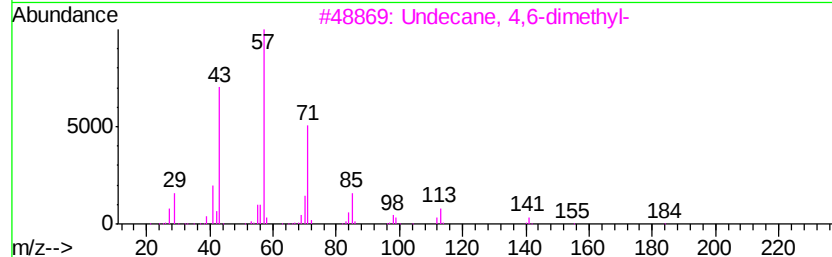
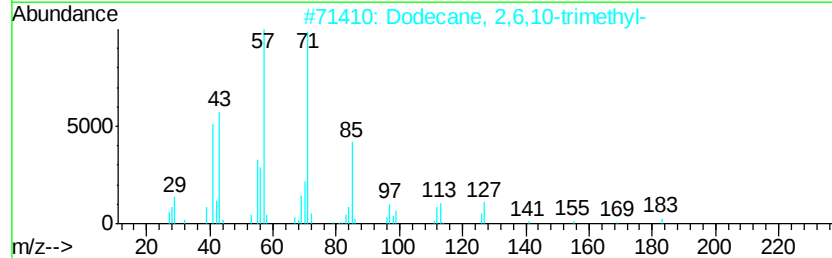
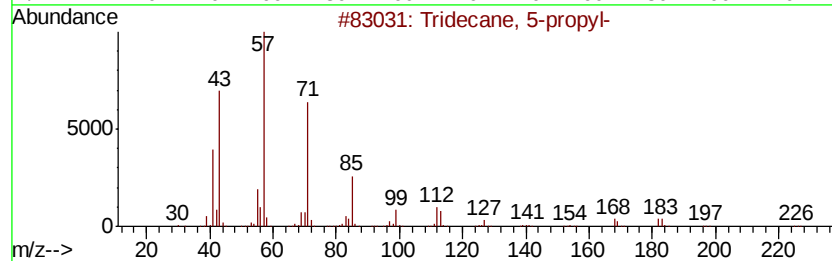
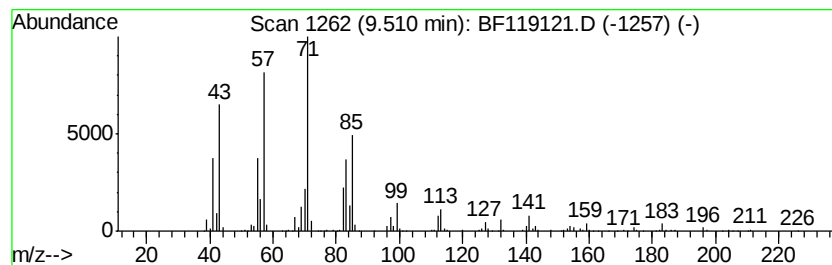
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Tridecane, 5-propyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.51	27.03 ng	1295320	Acenaphthene-d10	9.78

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tridecane, 5-propyl-	226	C16H34	055045-11-9	60
2		Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	58
3		Undecane, 4,6-dimethyl-	184	C13H28	017312-82-2	53
4		Dodecane, 4-methyl-	184	C13H28	006117-97-1	52
5		Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	52



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022720\
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Misc :
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ClientSampleId :
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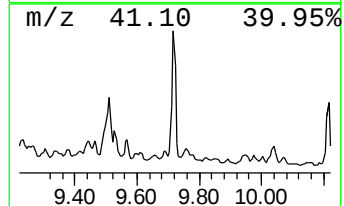
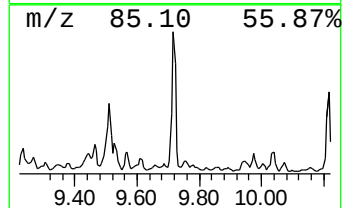
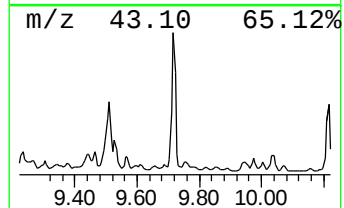
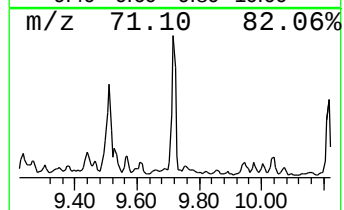
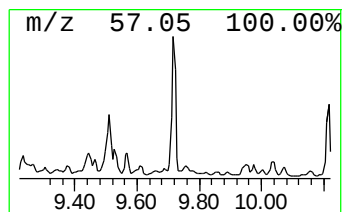
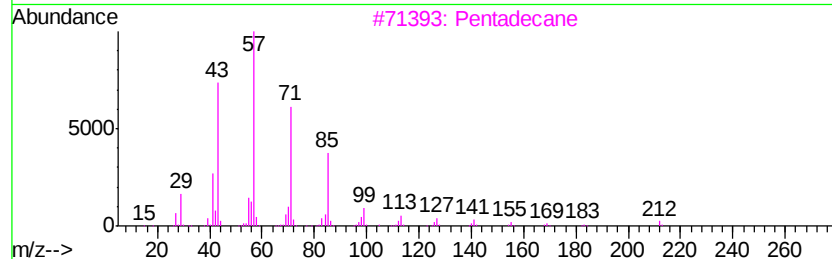
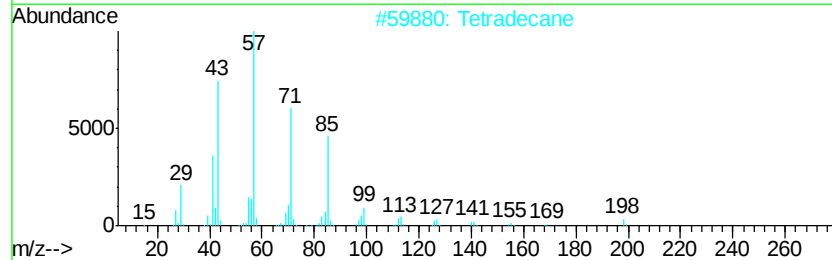
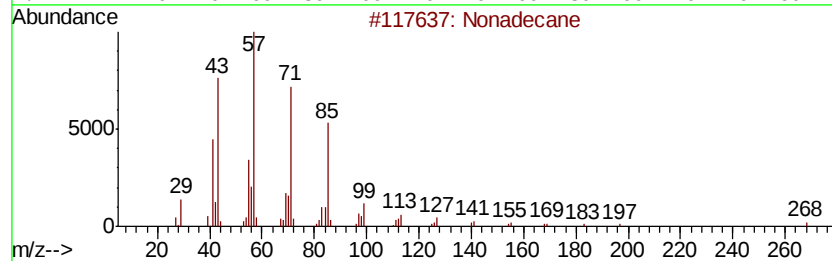
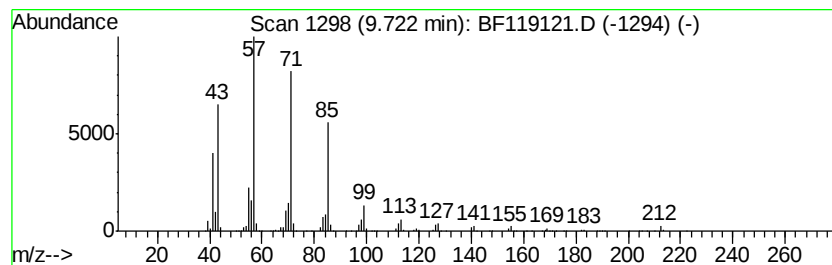
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 15 Nonadecane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.72	29.17 ng	1397910	Acenaphthene-d10	9.78

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Nonadecane	268	C19H40	000629-92-5	91
2		Tetradecane	198	C14H30	000629-59-4	91
3		Pentadecane	212	C15H32	000629-62-9	90
4		Hexadecane	226	C16H34	000544-76-3	80
5		1,3-Dimethylcyclopentanol	114	C7H14O	019550-46-0	72



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Data File : BF119121.D
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Misc :
ALS Vial : 18 Sample Multiplier: 1

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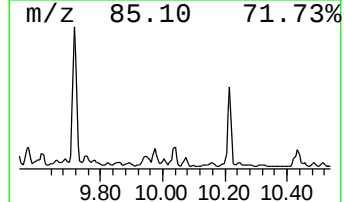
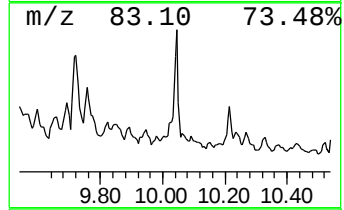
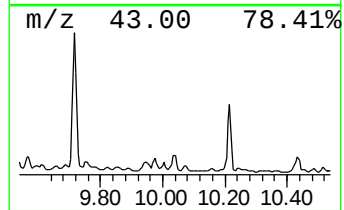
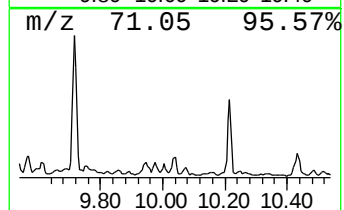
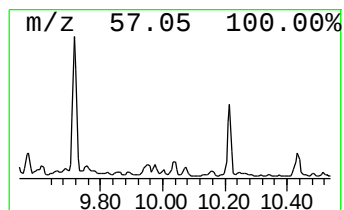
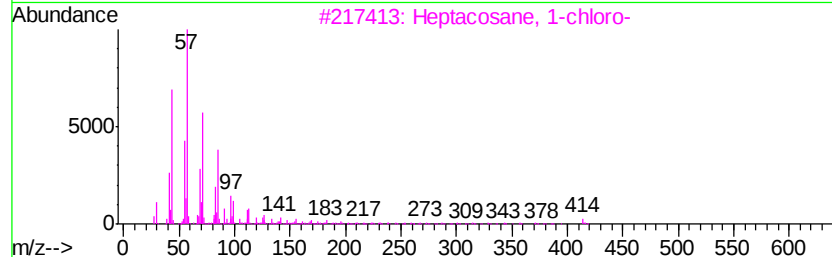
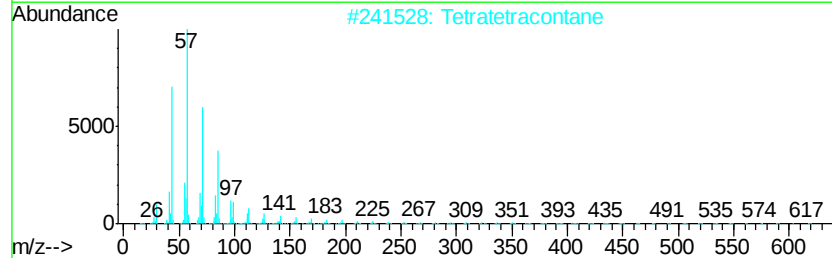
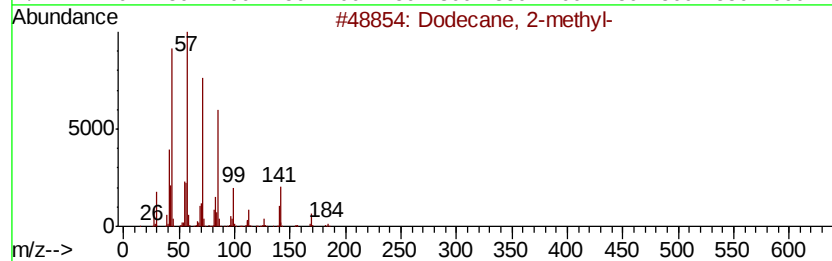
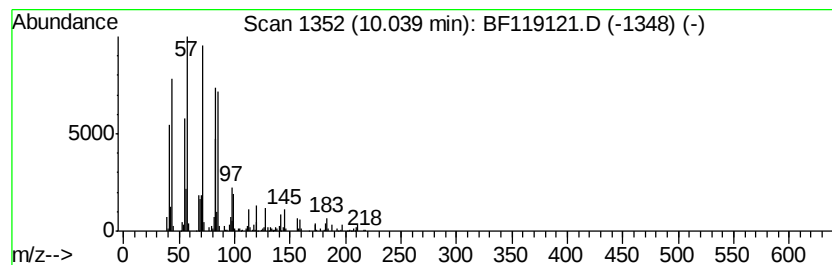
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 Dodecane, 2-methyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.04	8.05 ng	385821	Acenaphthene-d10	9.78

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dodecane, 2-methyl-	184	C13H28	001560-97-0	50
2		Tetratetracontane	619	C44H90	007098-22-8	49
3		Heptacosane, 1-chloro-	414	C27H55Cl	062016-79-9	49
4		Heptacosane	380	C27H56	000593-49-7	43
5		triacontane	422	C30H62	000638-68-6	43



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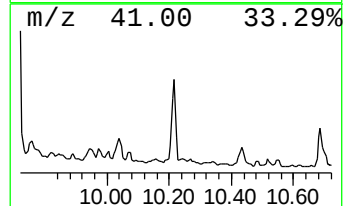
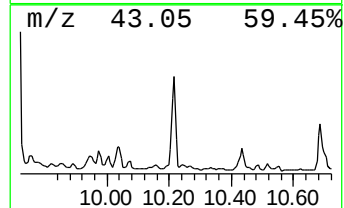
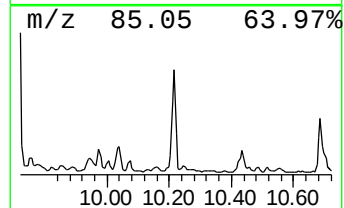
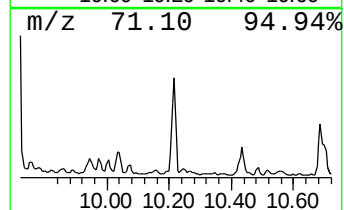
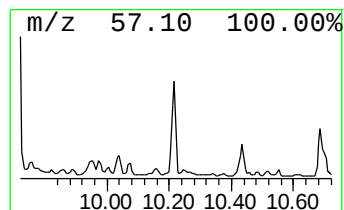
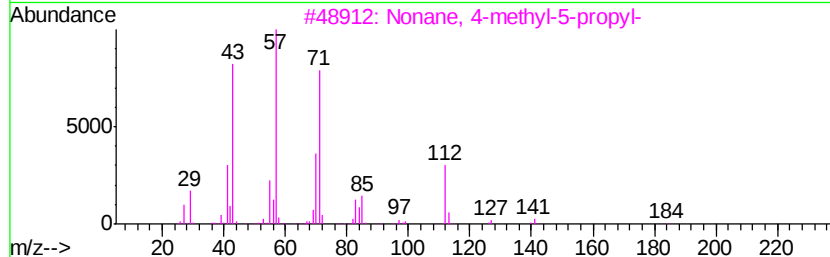
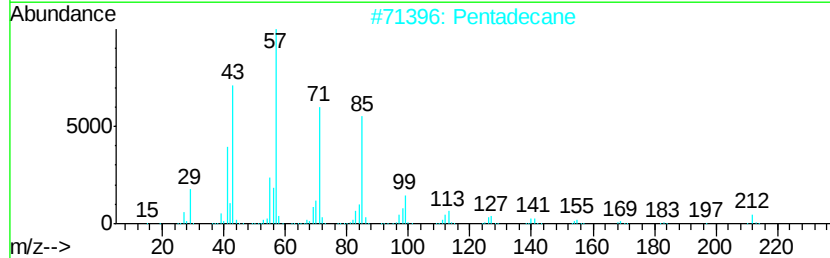
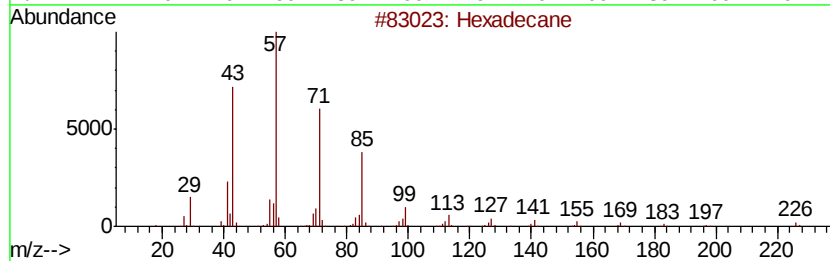
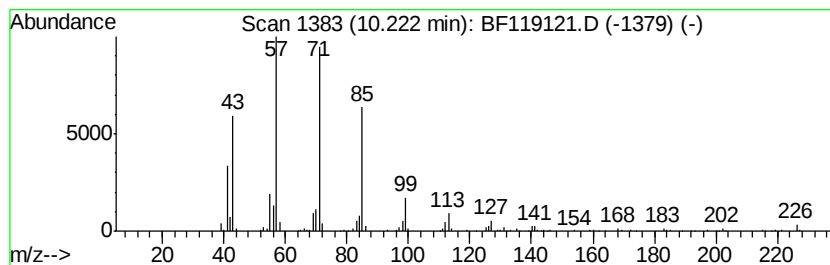
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 Hexadecane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.22	14.67 ng	703105	Acenaphthene-d10	9.78

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexadecane	226	C16H34	000544-76-3	91
2		Pentadecane	212	C15H32	000629-62-9	68
3		Nonane, 4-methyl-5-propyl-	184	C13H28	062185-55-1	58
4		Tetradecane	198	C14H30	000629-59-4	58
5		Octadecane	254	C18H38	000593-45-3	52



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022720\
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Misc :
ALS Vial : 18 Sample Multiplier: 1

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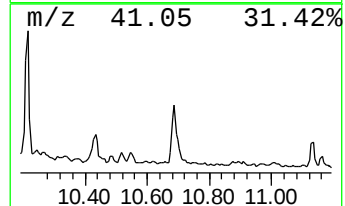
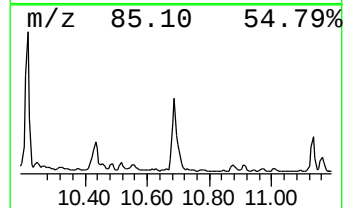
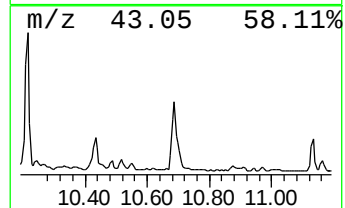
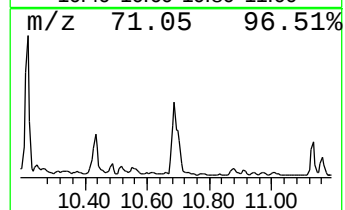
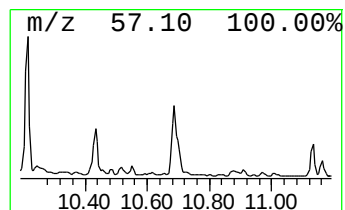
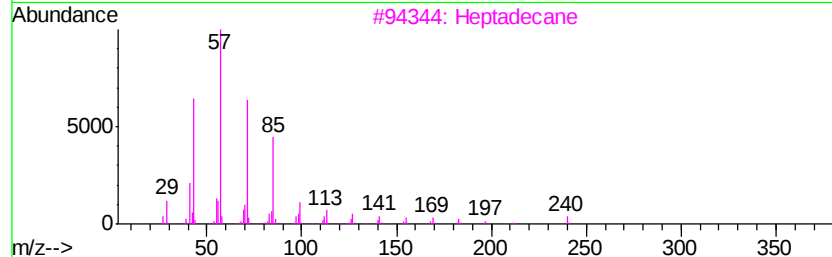
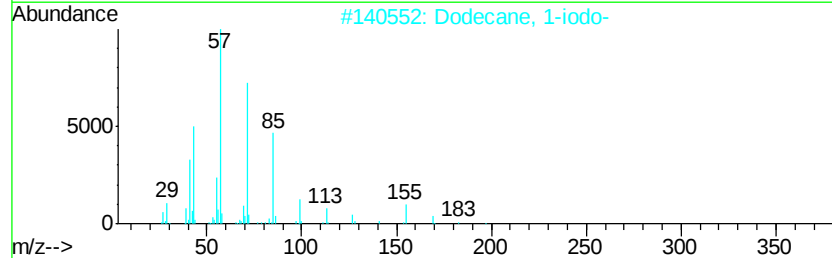
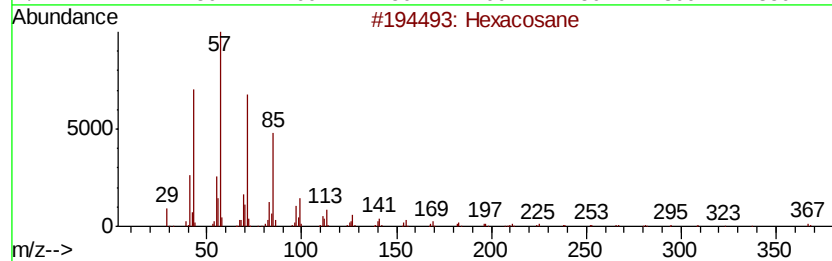
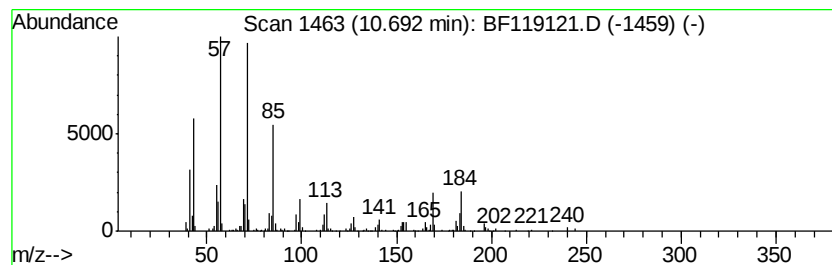
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 Hexacosane Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.69	14.41 ng	614213	Phenanthrene-d10	11.26

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexacosane	366	C26H54	000630-01-3	91
2		Dodecane, 1-iodo-	296	C12H25I	004292-19-7	87
3		Heptadecane	240	C17H36	000629-78-7	87
4		Tridecane	184	C13H28	000629-50-5	81
5		Undecane, 5-methyl-	170	C12H26	001632-70-8	80



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022720\
Data File : BF119121.D
Acq On : 27 Feb 2020 20:38
Operator : CG/JU
Sample : L1363-06
Misc :
ALS Vial : 18 Sample Multiplier: 1

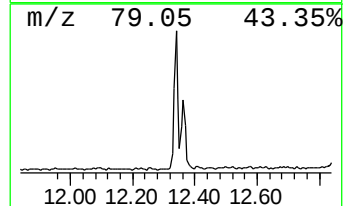
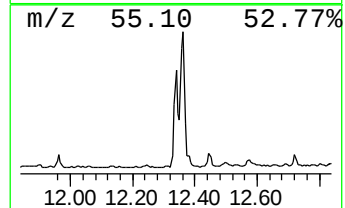
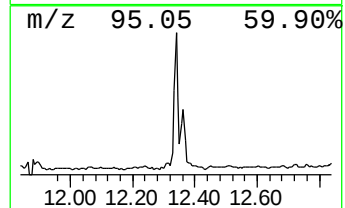
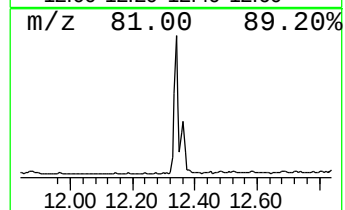
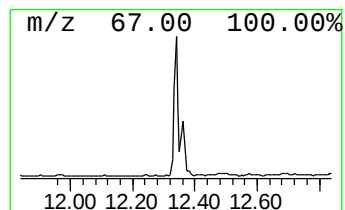
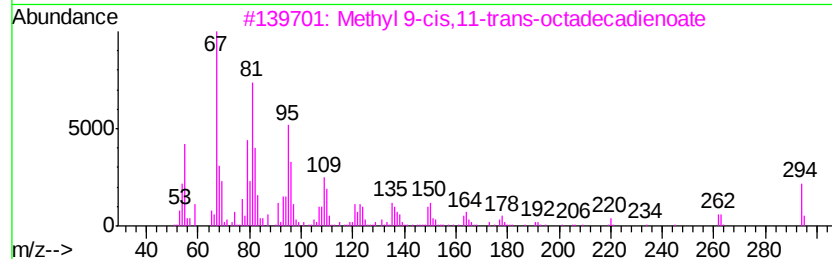
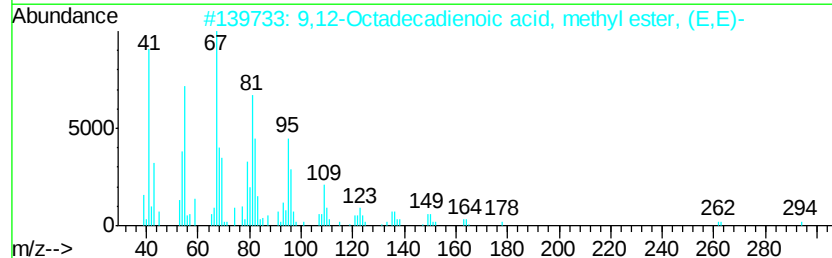
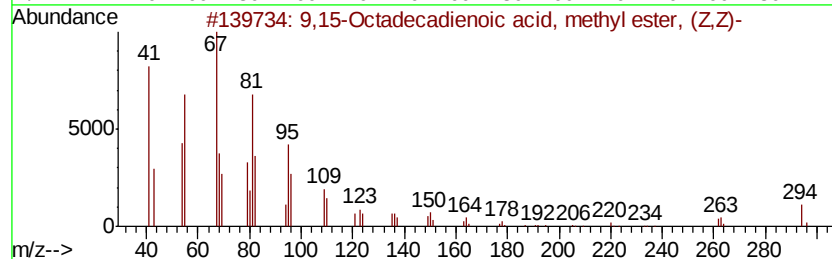
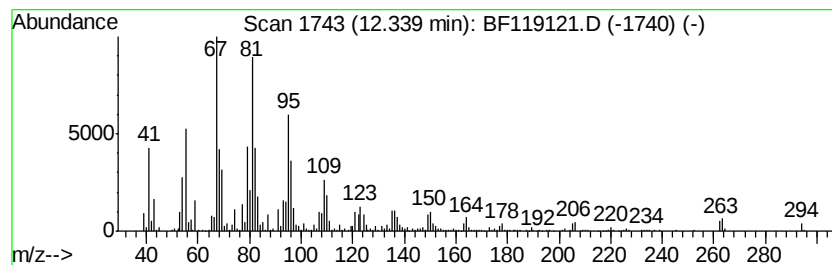
Instrument :
BNA_F
ClientSampleId :
HR-05-022620

Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 9,15-Octadecadienoic acid, ... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.	
12.34	21.86 ng	931609	Phenanthrene-d10	11.26	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,15-Octadecadienoic acid, methy...	294	C19H34O2	017309-05-6	99
2	9,12-Octadecadienoic acid, methy...	294	C19H34O2	002566-97-4	99
3	Methyl 9-cis,11-trans-octadecadi...	294	C19H34O2	1000336-44-0	98
4	9,12-Octadecadienoic acid (Z,Z)-...	294	C19H34O2	000112-63-0	98
5	9,12-Octadecadienoic acid, methy...	294	C19H34O2	002462-85-3	95



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022720\
Data File : BF119121.D
Acq On : 27 Feb 2020 20:38
Operator : CG/JU
Sample : L1363-06
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HR-05-022620

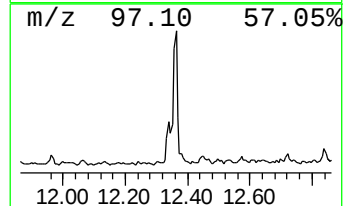
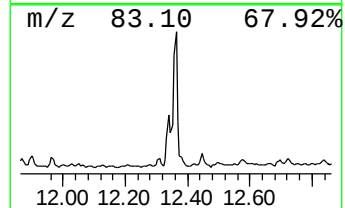
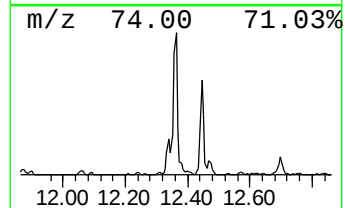
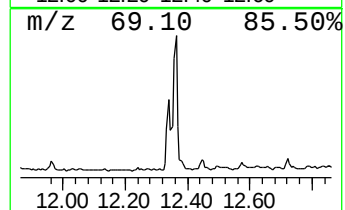
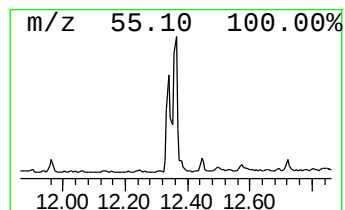
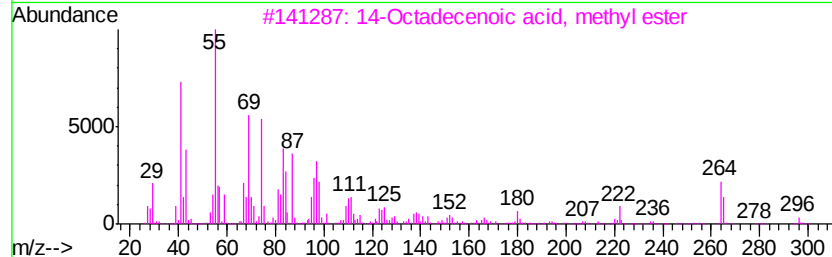
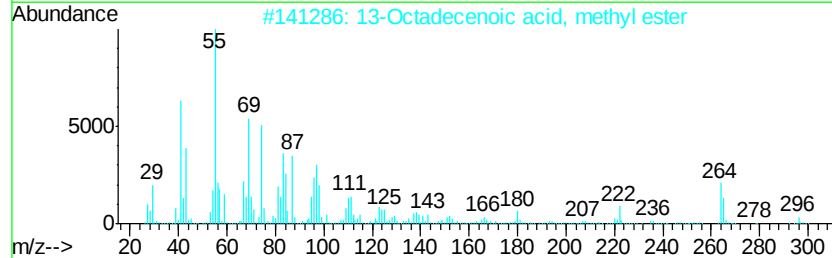
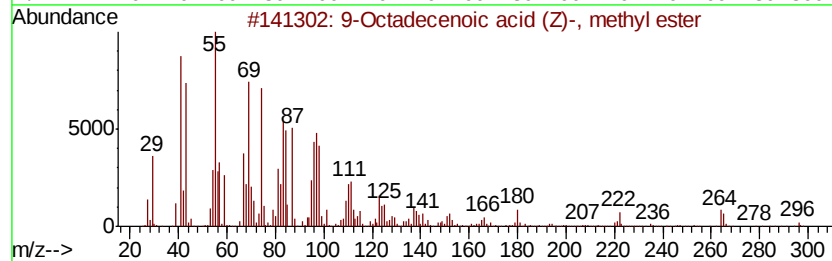
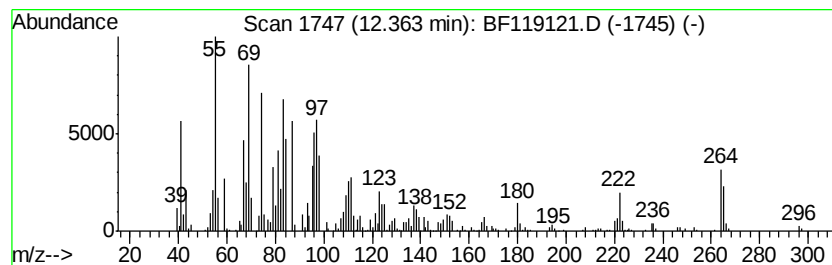
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 9-Octadecenoic acid (Z)-, m... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.36	19.74 ng	841344	Phenanthrene-d10	11.26

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	9-Octadecenoic acid (Z)-, methyl...	296	C19H36O2	000112-62-9	99
2		13-Octadecenoic acid, methyl ester	296	C19H36O2	056554-47-3	99
3		14-Octadecenoic acid, methyl ester	296	C19H36O2	056554-48-4	99
4		16-Octadecenoic acid, methyl ester	296	C19H36O2	056554-49-5	99
5		11-Octadecenoic acid, methyl est...	296	C19H36O2	001937-63-9	99



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF022720\
 Data File : BF119121.D
 Acq On : 27 Feb 2020 20:38
 Operator : CG/JU
 Sample : L1363-06
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HR-05-022620

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Decane	6.59	25.6	ng	1169880	1	6.75	914340	20.0
Benzene, 1,2,3-tr...	6.80	9.7	ng	442986	1	6.75	914340	20.0
Benzene, 1-methyl...	7.03	14.6	ng	668159	1	6.75	914340	20.0
Benzene, 1,4-diet...	7.06	14.1	ng	645467	1	6.75	914340	20.0
Decane, 2-methyl-	7.09	8.9	ng	406808	1	6.75	914340	20.0
Decane, 3-methyl-	7.14	17.9	ng	819918	1	6.75	914340	20.0
Dodecane, 4,6-dim...	8.46	8.3	ng	1505930	2	8.03	3649750	20.0
Tridecane	8.63	14.9	ng	2709600	2	8.03	3649750	20.0
unknown8.99	8.99	9.3	ng	447486	3	9.78	958577	20.0
Tetradecane	9.19	52.6	ng	2520270	3	9.78	958577	20.0
Naphthalene, 1,2,...	9.26	11.4	ng	548745	3	9.78	958577	20.0
Naphthalene, 1,4-...	9.44	9.2	ng	441258	3	9.78	958577	20.0
Tridecane, 5-propyl-	9.51	27.0	ng	1295320	3	9.78	958577	20.0
Nonadecane	9.72	29.2	ng	1397910	3	9.78	958577	20.0
Dodecane, 2-methyl-	10.04	8.1	ng	385821	3	9.78	958577	20.0
Hexadecane	10.22	14.7	ng	703105	3	9.78	958577	20.0
Hexacosane	10.69	14.4	ng	614213	4	11.26	852309	20.0
9,15-Octadecadien...	12.34	21.9	ng	931609	4	11.26	852309	20.0
9-Octadecenoic ac...	12.36	19.7	ng	841344	4	11.26	852309	20.0