

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF020420\
 Data File : BF118818.D
 Acq On : 4 Feb 2020 23:02
 Operator : CG/JU
 Sample : L1363-01 2X
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HR-06-020320

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-BF020320.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	5.428	563	568	571	rBV	2835241	2526362	26.37%	1.604%
2	5.734	616	620	627	rVB	433747	383920	4.01%	0.244%
3	6.075	675	678	684	rVB2	405197	470113	4.91%	0.298%
4	6.263	705	710	714	rBV2	261895	337085	3.52%	0.214%
5	6.322	718	720	722	rVV	394233	327483	3.42%	0.208%
6	6.357	722	726	728	rVV2	626243	753255	7.86%	0.478%
7	6.416	732	736	737	rBV	813669	699730	7.30%	0.444%
8	6.439	737	740	743	rVB	2751680	2417978	25.23%	1.535%
9	6.563	757	761	766	rBV4	372426	716319	7.48%	0.455%
10	6.663	772	778	781	rBV2	3799093	3693507	38.55%	2.345%
11	6.763	788	795	798	rBV5	186089	362908	3.79%	0.230%
12	6.816	801	804	806	rVV	2008185	1900885	19.84%	1.207%
13	6.839	806	808	811	rVV2	1486146	1233175	12.87%	0.783%
14	6.875	811	814	819	rVB2	989849	1007769	10.52%	0.640%
15	6.939	823	825	827	rVV	408182	348711	3.64%	0.221%
16	6.969	827	830	834	rVV	3646588	3417872	35.67%	2.170%
17	7.004	834	836	839	rVB2	407927	360144	3.76%	0.229%
18	7.057	842	845	849	rBV3	379227	682347	7.12%	0.433%
19	7.098	849	852	855	rVB2	1646190	1808261	18.87%	1.148%
20	7.133	855	858	861	rBV2	1738019	1839198	19.19%	1.168%
21	7.163	861	863	867	rVB	1442002	1217264	12.70%	0.773%
22	7.210	867	871	875	rBV2	2196380	2120957	22.13%	1.346%
23	7.310	885	888	890	rVB	593625	513708	5.36%	0.326%
24	7.351	891	895	896	rBV2	1656269	1654222	17.26%	1.050%
25	7.369	896	898	902	rVV3	2136875	2502529	26.12%	1.589%
26	7.428	904	908	910	rVB	6801768	6649108	69.39%	4.221%
27	7.469	910	915	918	rVB4	1294571	1823351	19.03%	1.158%
28	7.504	918	921	923	rBV2	714957	877827	9.16%	0.557%
29	7.533	923	926	930	rVV2	1003990	1148721	11.99%	0.729%
30	7.586	930	935	936	rVV2	607787	876630	9.15%	0.557%
31	7.616	936	940	945	rVB3	1550703	2665429	27.82%	1.692%
32	7.704	952	955	956	rBV2	557569	494437	5.16%	0.314%
33	7.728	956	959	960	rVV2	1407545	1399167	14.60%	0.888%
34	7.745	960	962	965	rVV3	1110419	1510878	15.77%	0.959%

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Integrator: RTE

Smoothing : ON

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35	7.786	965	969	972	rVB3	1419220	1895173	19.78%	1.203%
36	7.822	972	975	976	rBV2	1861810	1561337	16.29%	0.991%
37	7.839	976	978	980	rVV2	1933433	2215302	23.12%	1.406%
38	7.857	980	981	985	rVB3	1992192	1861406	19.43%	1.182%
39	7.904	985	989	991	rBV2	1404573	1579216	16.48%	1.003%
40	7.939	993	995	998	rVB	1361041	1082185	11.29%	0.687%
41	7.969	998	1000	1002	rBV	674611	649168	6.77%	0.412%
42	8.045	1010	1013	1014	rVV2	649365	694729	7.25%	0.441%
43	8.057	1014	1015	1017	rVV2	918527	817930	8.54%	0.519%
44	8.092	1017	1021	1024	rVV2	8985307	9582104	100.00%	6.083%
45	8.122	1024	1026	1028	rVV3	886645	1117031	11.66%	0.709%
46	8.151	1028	1031	1032	rVV	1248314	1411596	14.73%	0.896%
47	8.169	1032	1034	1036	rVV	3292005	2596372	27.10%	1.648%
48	8.192	1036	1038	1041	rVV2	1036611	1015024	10.59%	0.644%
49	8.222	1041	1043	1046	rVB2	518416	483161	5.04%	0.307%
50	8.257	1046	1049	1051	rBV4	713434	836849	8.73%	0.531%
51	8.298	1054	1056	1057	rVV	999958	876976	9.15%	0.557%
52	8.345	1061	1064	1066	rVV2	608144	666226	6.95%	0.423%
53	8.398	1067	1073	1075	rVV3	2200955	3266590	34.09%	2.074%
54	8.422	1075	1077	1079	rVV3	931641	869082	9.07%	0.552%
55	8.451	1079	1082	1085	rVV2	1652104	1440288	15.03%	0.914%
56	8.486	1085	1088	1091	rVV2	2169196	2296167	23.96%	1.458%
57	8.527	1091	1095	1100	rVV2	3156658	4149811	43.31%	2.634%
58	8.569	1100	1102	1104	rVV	973718	739802	7.72%	0.470%
59	8.604	1104	1108	1111	rVV2	2226092	2056642	21.46%	1.306%
60	8.645	1113	1115	1117	rVV2	699802	724750	7.56%	0.460%
61	8.704	1120	1125	1128	rVV	6829816	7666945	80.01%	4.867%
62	8.757	1132	1134	1137	rVV2	1610015	1852113	19.33%	1.176%
63	8.792	1137	1140	1147	rVB4	1594962	2158890	22.53%	1.371%
64	8.851	1147	1150	1153	rBV4	463294	537601	5.61%	0.341%
65	8.922	1160	1162	1165	rVB2	1014720	828370	8.64%	0.526%
66	8.980	1170	1172	1174	rBV2	1030679	985798	10.29%	0.626%
67	9.063	1184	1186	1190	rVB	1562506	1237144	12.91%	0.785%
68	9.098	1190	1192	1194	rBV	935892	886817	9.25%	0.563%
69	9.127	1194	1197	1201	rVB2	2704197	2648304	27.64%	1.681%
70	9.169	1201	1204	1207	rVB	2987188	2725743	28.45%	1.730%
71	9.263	1216	1220	1224	rBV	5881800	6122305	63.89%	3.887%

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Smoothing : ON

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72	9.327	1229	1231	1237	rVV3	1038852	1351558	14.11%	0.858%
73	9.374	1237	1239	1243	rVB4	356966	370515	3.87%	0.235%
74	9.492	1256	1259	1260	rBV3	366034	412804	4.31%	0.262%
75	9.516	1260	1263	1265	rVV2	742671	966631	10.09%	0.614%
76	9.533	1265	1266	1269	rVV2	916355	673447	7.03%	0.428%
77	9.580	1269	1274	1276	rVV3	2316038	2892965	30.19%	1.837%
78	9.598	1276	1277	1281	rVV	1056089	955442	9.97%	0.607%
79	9.639	1281	1284	1286	rVB2	805392	742153	7.75%	0.471%
80	9.792	1307	1310	1314	rVB	3656501	3227100	33.68%	2.049%
81	9.827	1314	1316	1317	rBV	487951	410314	4.28%	0.260%
82	9.851	1317	1320	1323	rVB	2574034	2259149	23.58%	1.434%
83	10.022	1345	1349	1351	rBV2	338649	466738	4.87%	0.296%
84	10.051	1351	1354	1356	rVB2	348803	327217	3.41%	0.208%
85	10.110	1361	1364	1368	rVV5	622963	769003	8.03%	0.488%
86	10.286	1391	1394	1397	rVV	2155630	1639173	17.11%	1.041%
87	10.504	1425	1431	1437	rBV	572438	801897	8.37%	0.509%
88	10.633	1449	1453	1456	rVB	1952667	1817299	18.97%	1.154%
89	10.757	1471	1474	1484	rVB	1126433	1350314	14.09%	0.857%
90	11.204	1547	1550	1553	rBV	518470	402519	4.20%	0.256%
91	11.327	1567	1571	1574	rBV	2079527	1946886	20.32%	1.236%
92	12.539	1774	1777	1780	rBV	542443	439559	4.59%	0.279%
93	12.768	1811	1816	1818	rBV	385957	403657	4.21%	0.256%
94	12.910	1837	1840	1844	rBV	2862578	2436017	25.42%	1.546%
95	13.821	1991	1995	2004	rVB2	390669	544817	5.69%	0.346%
96	13.962	2015	2019	2022	rBV	1948421	1923779	20.08%	1.221%
97	14.439	2098	2100	2104	rBV	323216	320550	3.35%	0.203%
98	15.074	2205	2208	2217	rVB2	391585	520150	5.43%	0.330%
99	15.415	2261	2266	2269	rBV	1347164	1785429	18.63%	1.133%
100	15.445	2269	2271	2277	rVB2	391791	487644	5.09%	0.310%

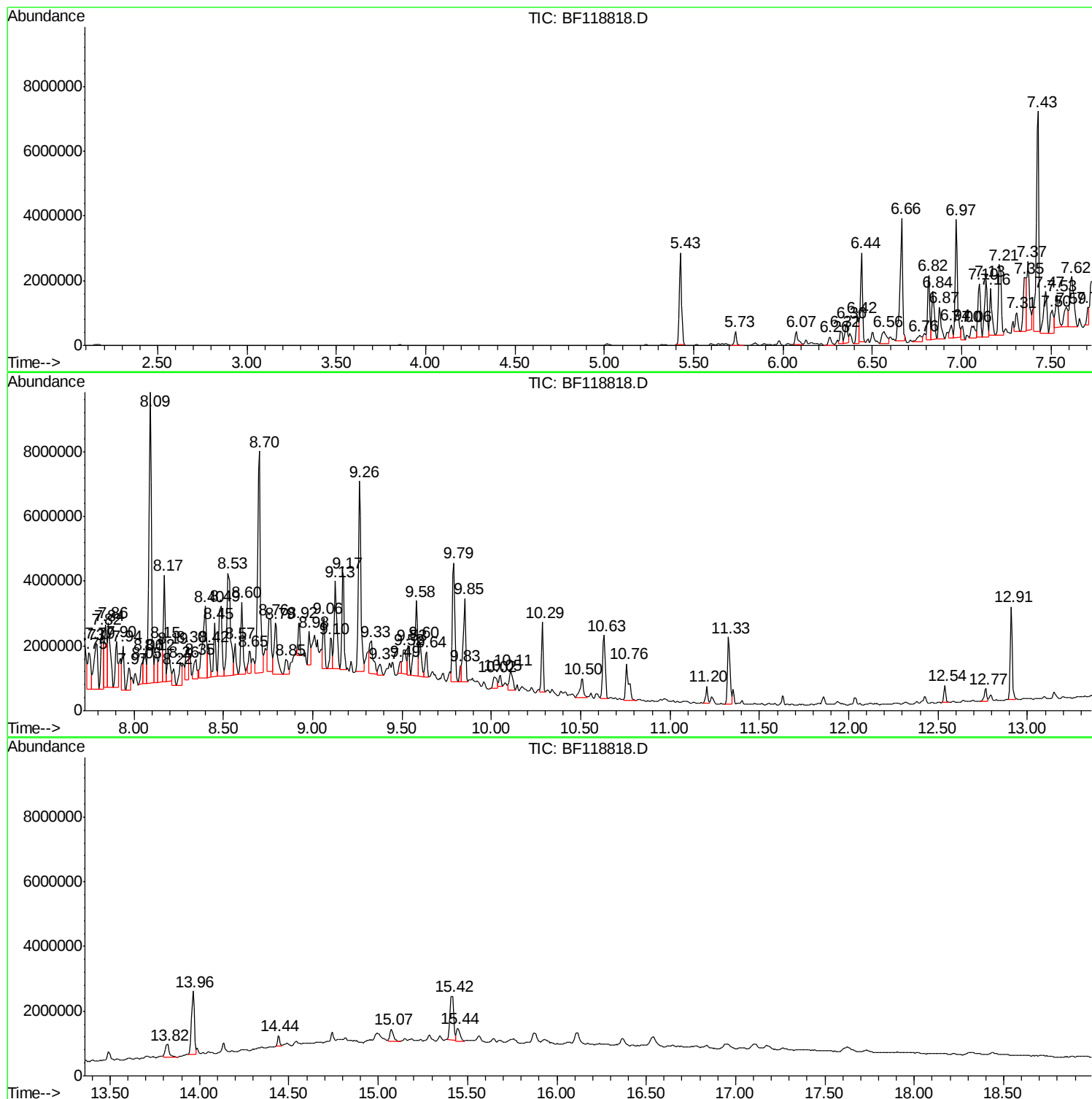
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Instrument :
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ClientSampleId :
HR-06-020320

Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF020320.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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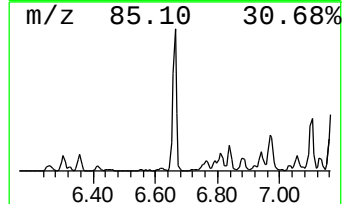
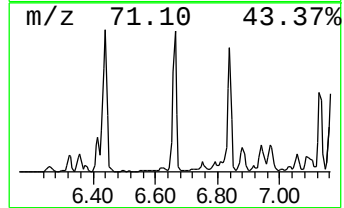
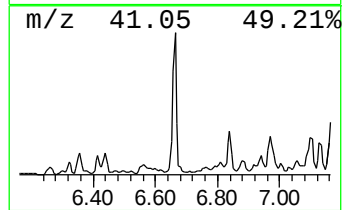
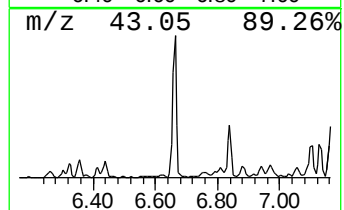
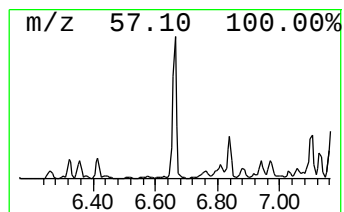
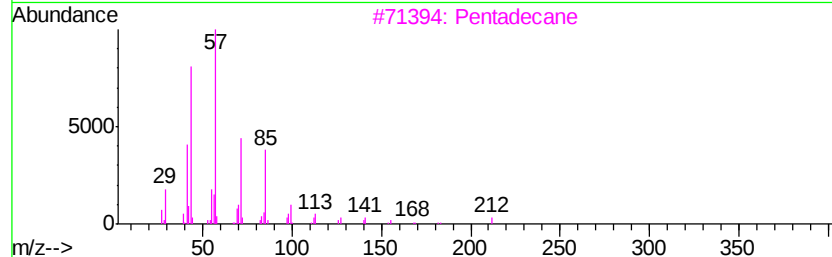
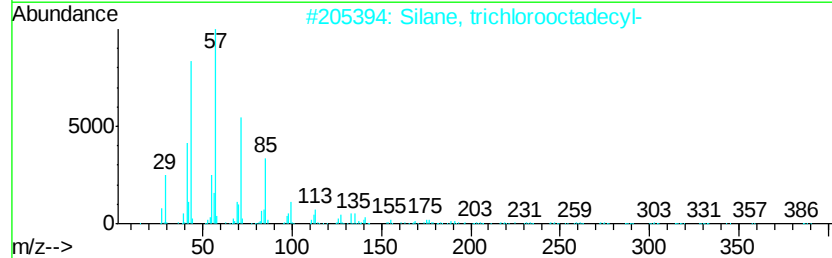
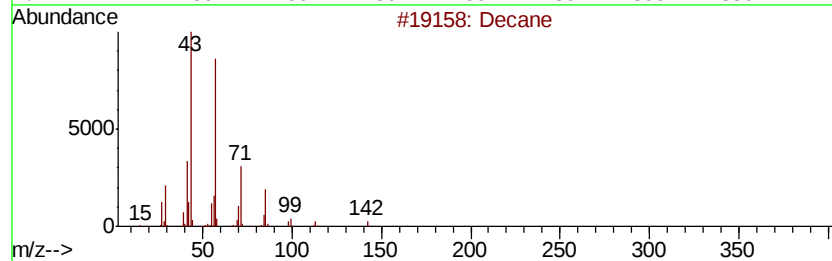
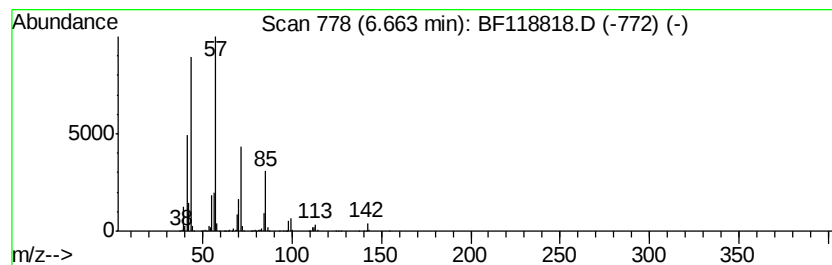
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF020320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 Decane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.66	38.86 ng	3693510	1,4-Dichlorobenzene-d4	6.82

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Decane	142	C10H22	000124-18-5	94
2		Silane, trichlorooctadecyl-	386	C18H37Cl3Si	000112-04-9	90
3		Pentadecane	212	C15H32	000629-62-9	83
4		Undecane	156	C11H24	001120-21-4	83
5		Octane, 2,4,6-trimethyl-	156	C11H24	062016-37-9	72



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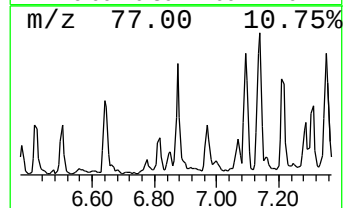
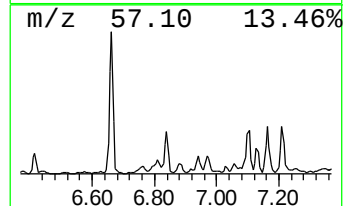
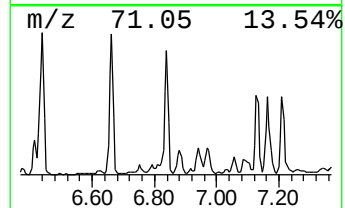
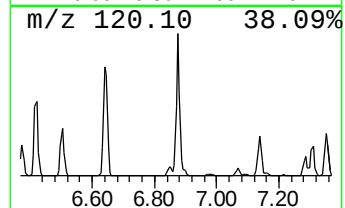
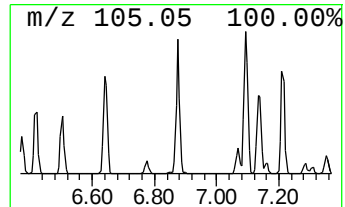
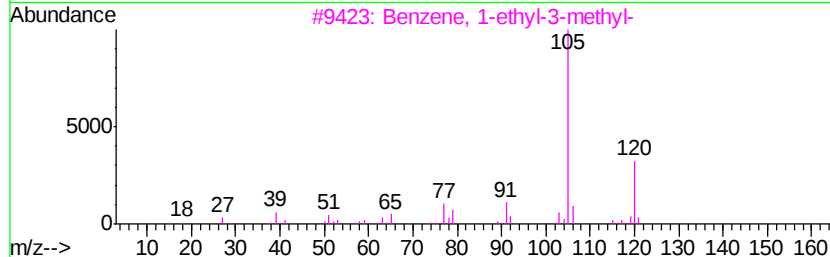
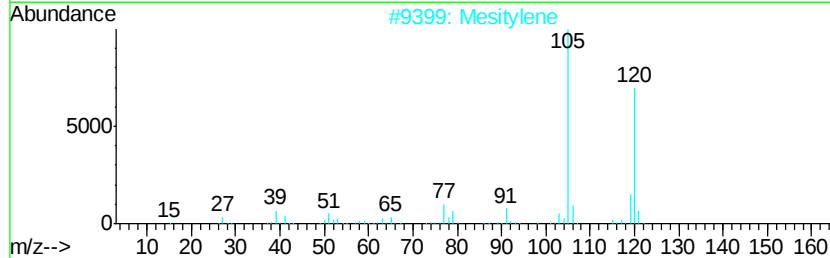
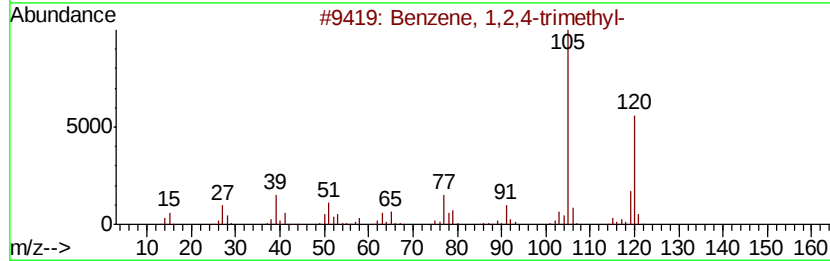
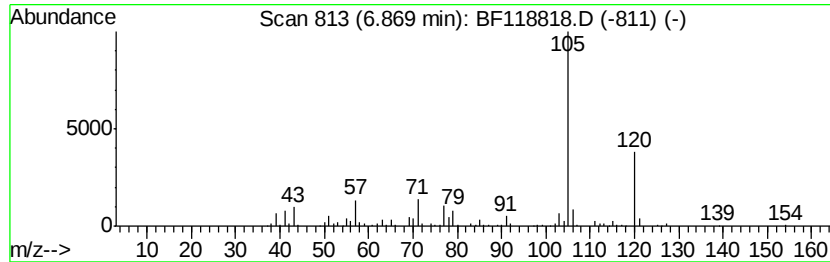
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 Benzene, 1,2,4-trimethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.87	10.60 ng	1007770	1,4-Dichlorobenzene-d4	6.82

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	76
2		Mesitylene	120	C9H12	000108-67-8	76
3		Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	76
4		2,4-Nonadiyne	120	C9H12	063621-15-8	70
5		Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	68



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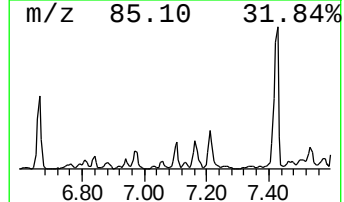
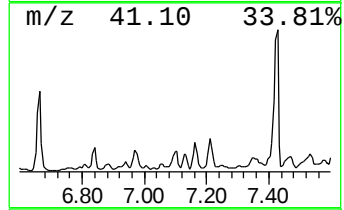
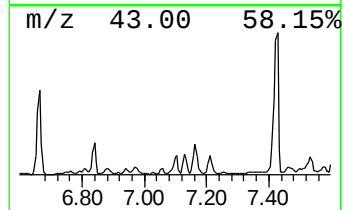
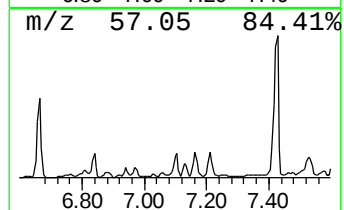
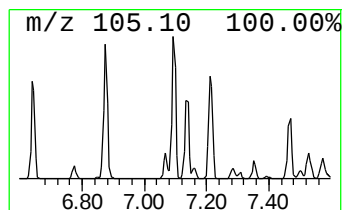
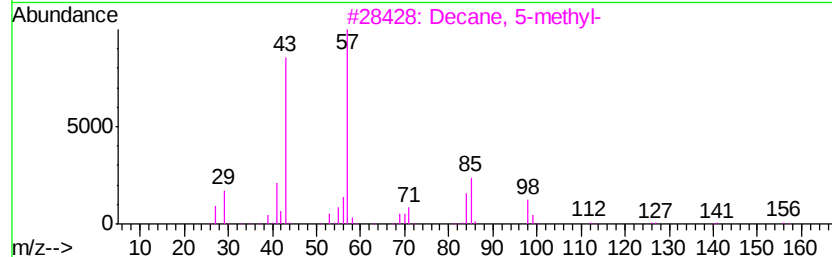
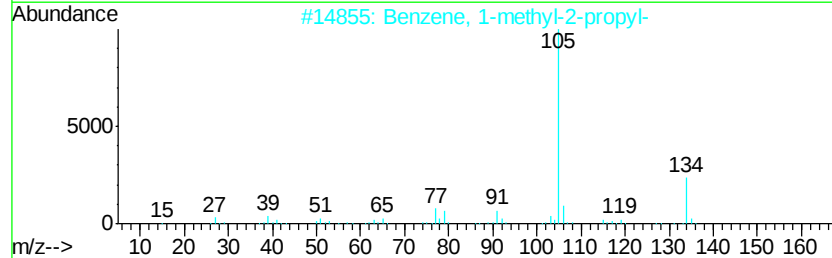
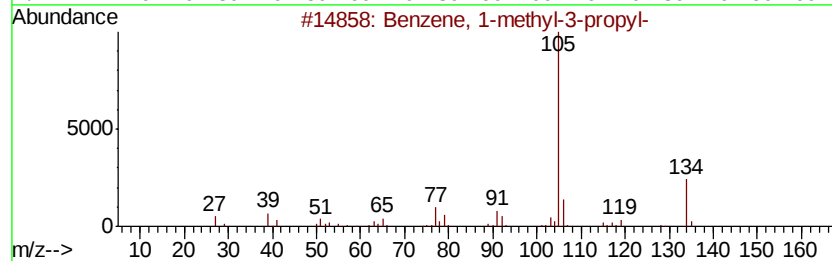
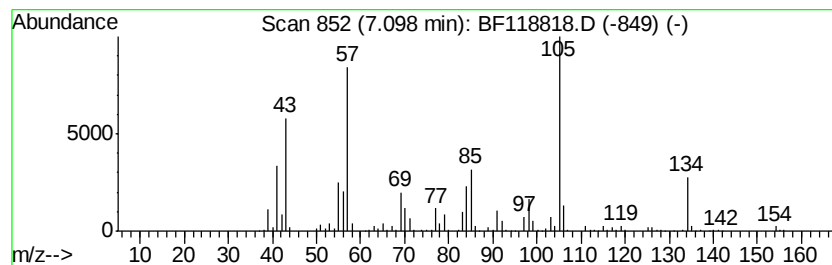
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 Benzene, 1-methyl-3-propyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.10	19.03 ng	1808260	1,4-Dichlorobenzene-d4	6.82

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-methyl-3-propyl-	134	C10H14	001074-43-7	74
2		Benzene, 1-methyl-2-propyl-	134	C10H14	001074-17-5	70
3		Decane, 5-methyl-	156	C11H24	013151-35-4	43
4		Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	38
5		2-Tolyloxirane	134	C9H10O	002783-26-8	38



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Sample : L1363-01 2X
Misc :
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Instrument :
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ClientSampleId :
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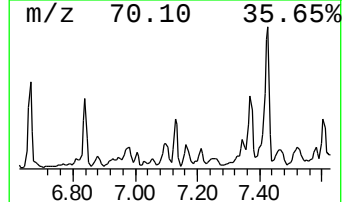
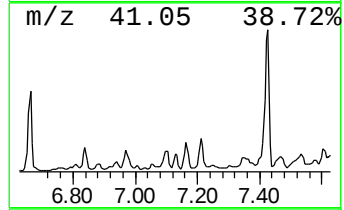
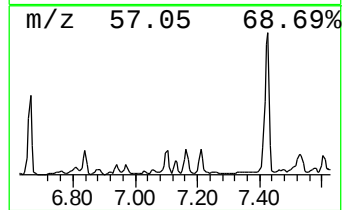
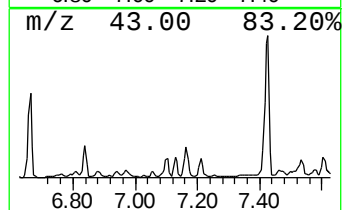
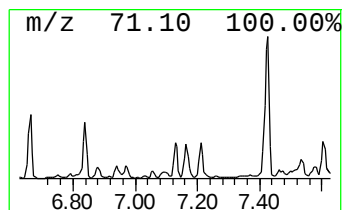
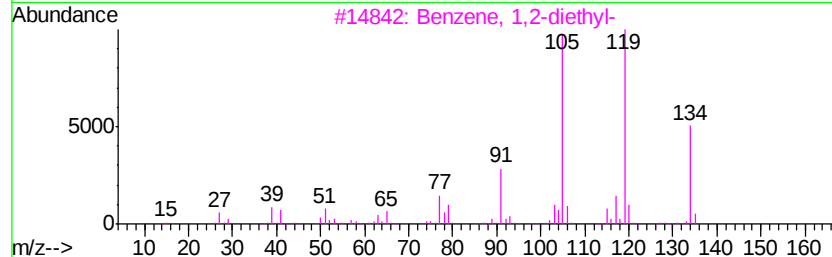
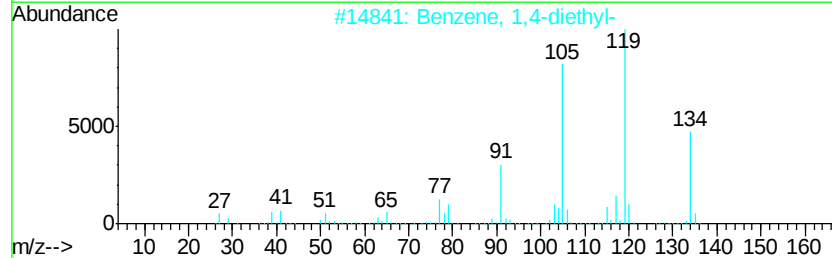
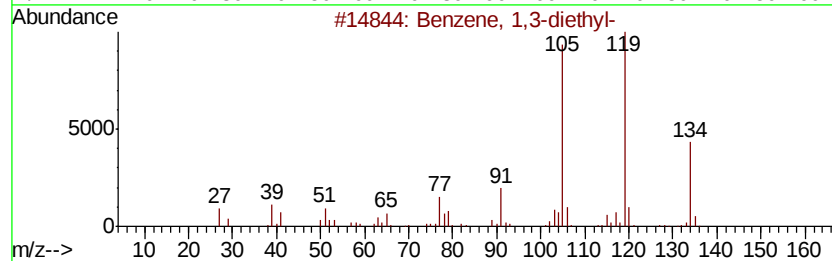
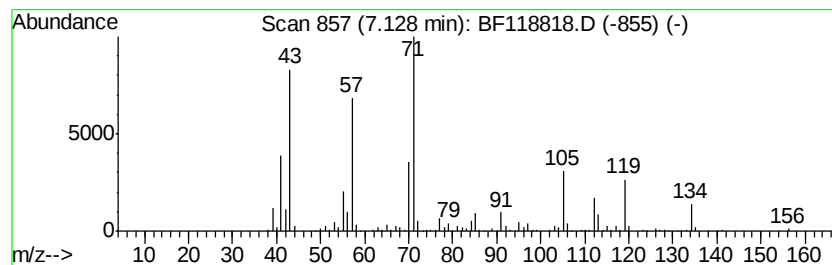
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Benzene, 1,3-diethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.13	19.35 ng	1839200	1,4-Dichlorobenzene-d4	6.82

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	95
2		Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	95
3		Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	92
4		Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	70
5		Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	60



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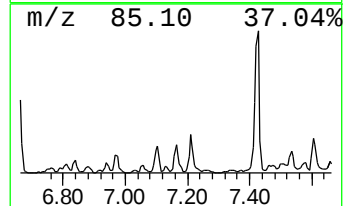
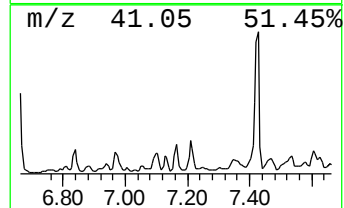
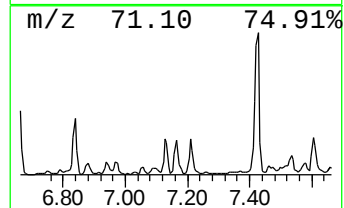
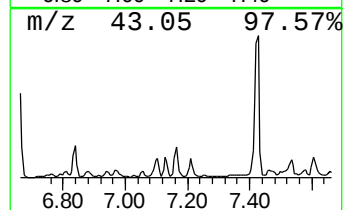
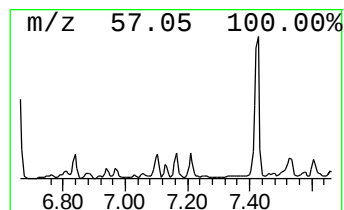
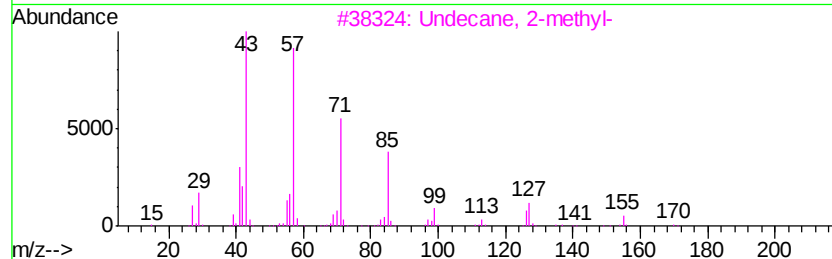
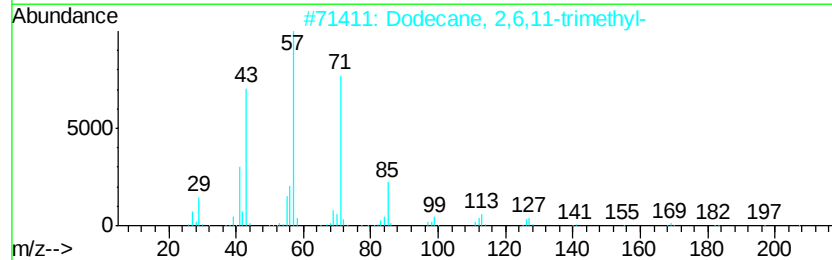
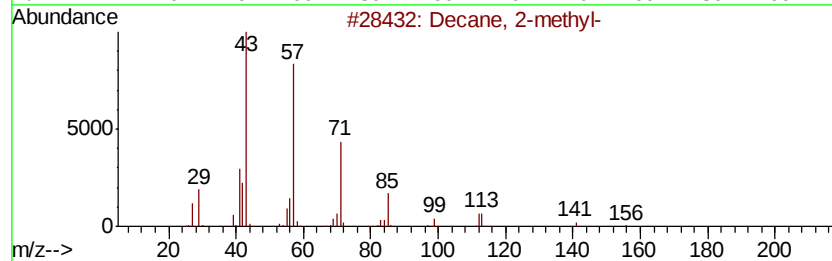
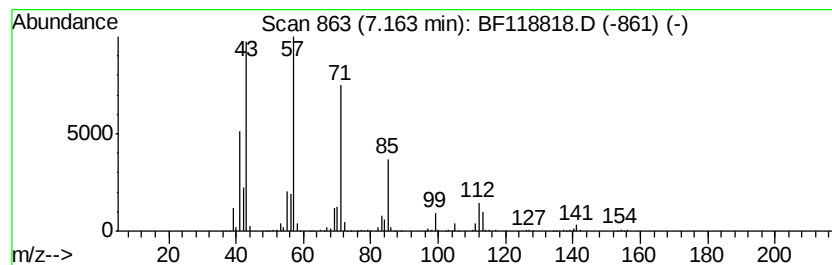
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Decane, 2-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.16	12.81 ng	1217260	1,4-Dichlorobenzene-d4	6.82

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Decane, 2-methyl-	156	C11H24	006975-98-0	83
2		Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	80
3		Undecane, 2-methyl-	170	C12H26	007045-71-8	72
4		Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	72
5		Pentadecane	212	C15H32	000629-62-9	64



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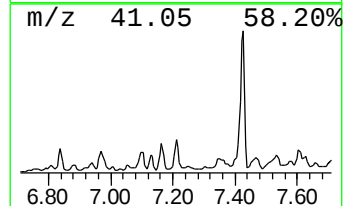
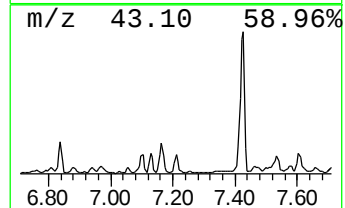
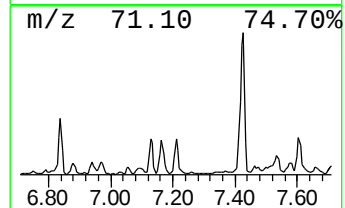
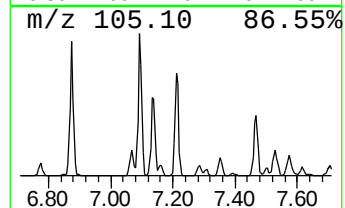
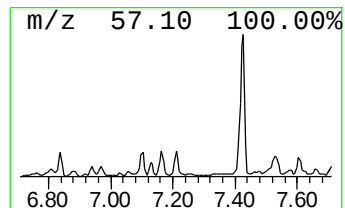
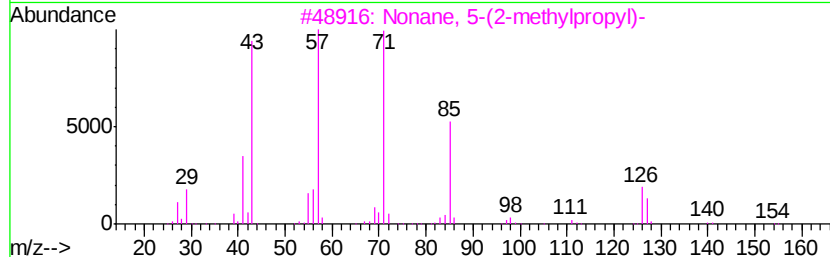
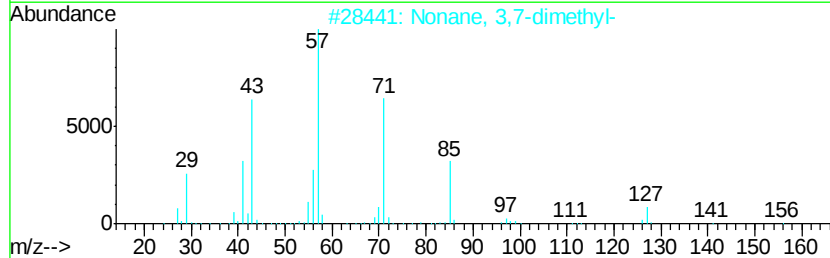
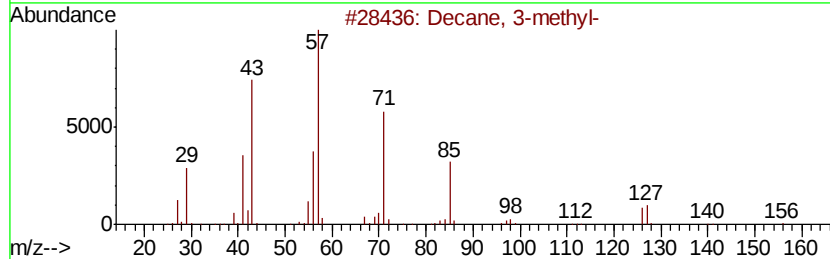
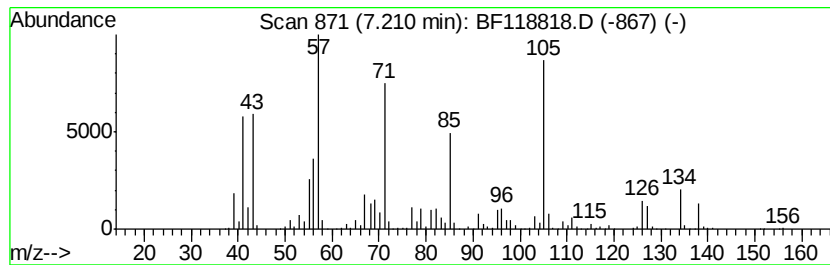
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.21	22.32 ng	2120960	1,4-Dichlorobenzene-d4	6.82
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Decane, 3-methyl-	156 C11H24	013151-34-3	86
2	Nonane, 3,7-dimethyl-	156 C11H24	017302-32-8	53
3	Nonane, 5-(2-methylpropyl)-	184 C13H28	062185-53-9	53
4	Decane, 2,4,6-trimethyl-	184 C13H28	062108-27-4	50
5	Octane, 2,3,3-trimethyl-	156 C11H24	062016-30-2	47



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF020420\
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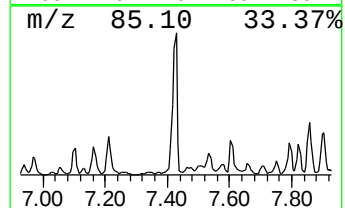
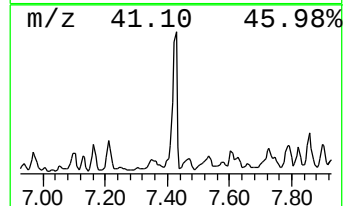
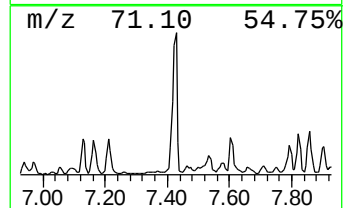
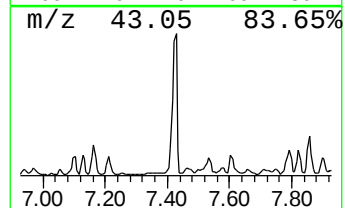
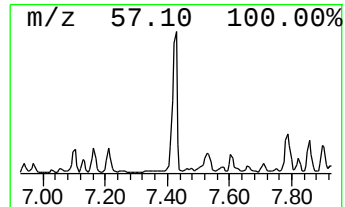
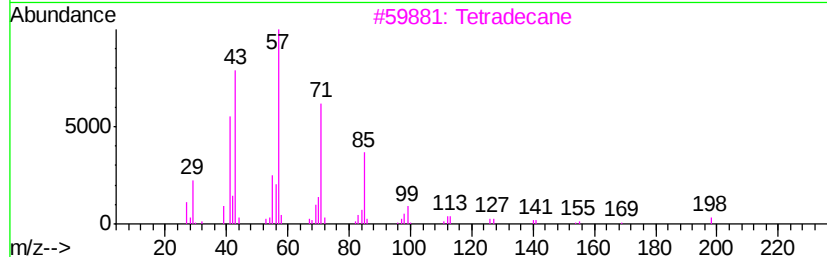
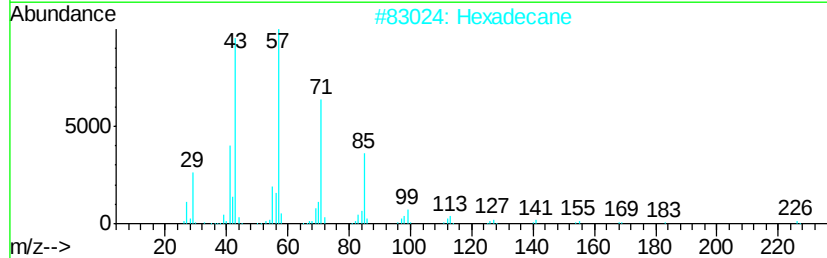
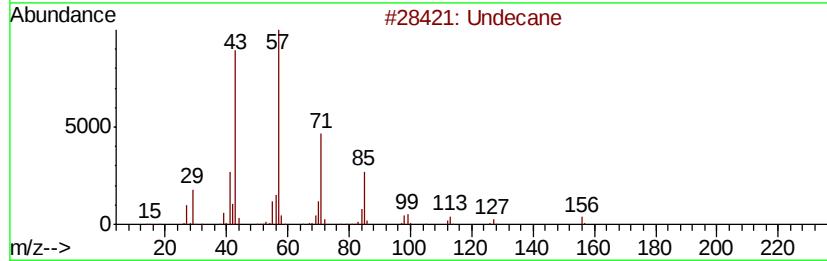
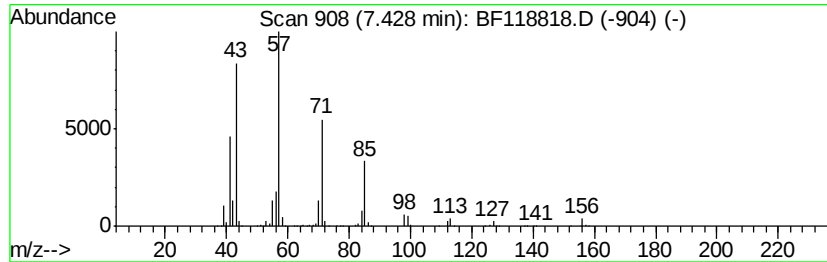
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Undecane Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.43	69.96 ng	6649110	1,4-Dichlorobenzene-d4	6.82

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane		156	C11H24	001120-21-4	97
2	Hexadecane		226	C16H34	000544-76-3	86
3	Tetradecane		198	C14H30	000629-59-4	83
4	Tridecane		184	C13H28	000629-50-5	83
5	Octacosane		394	C28H58	000630-02-4	78



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF020420\
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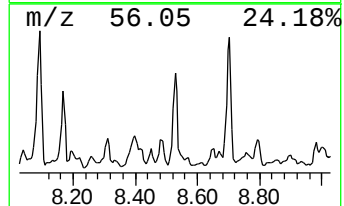
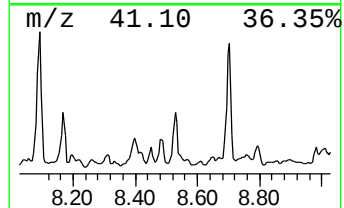
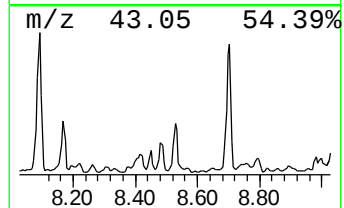
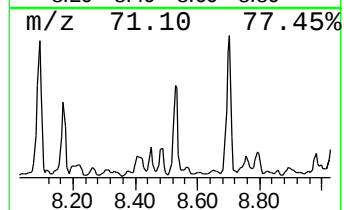
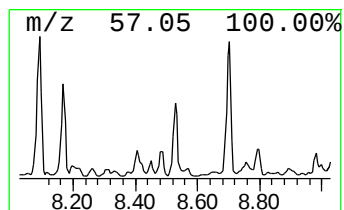
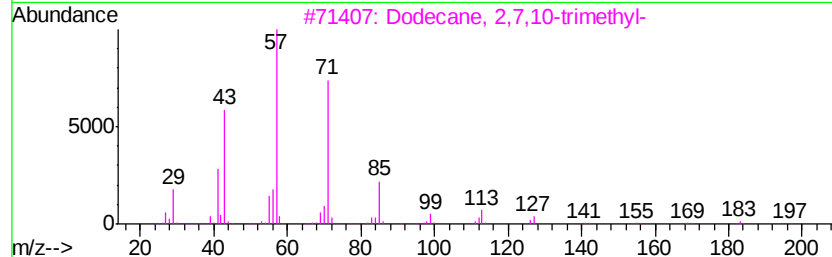
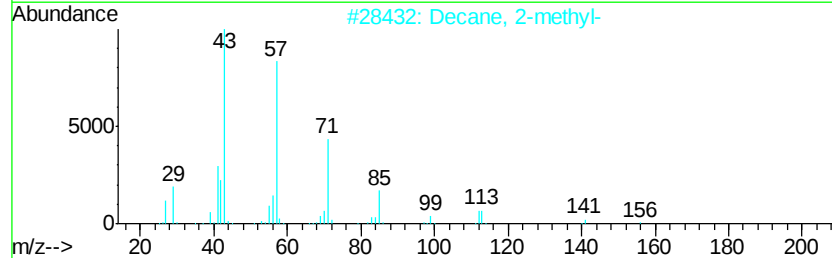
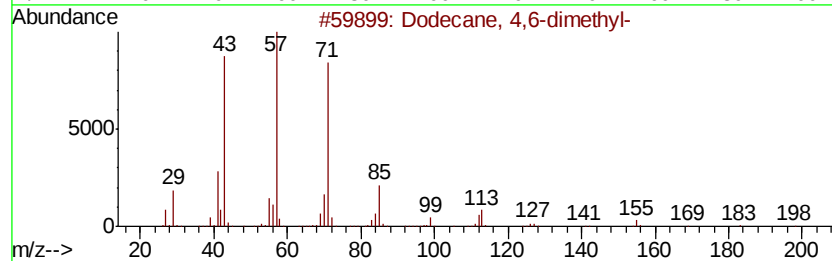
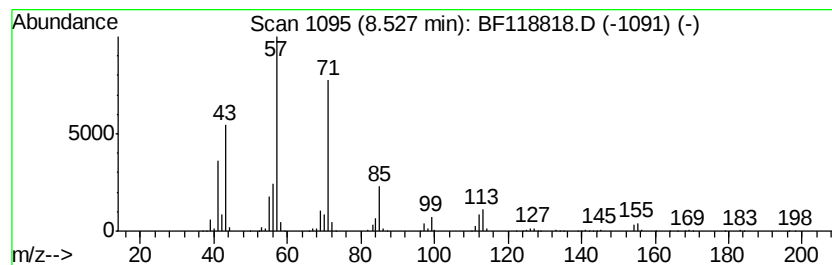
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 9 Dodecane, 4,6-dimethyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.53	8.66 ng	4149810	Napthalene-d8	8.10

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dodecane, 4,6-dimethyl-	198	C14H30	061141-72-8	93
2		Decane, 2-methyl-	156	C11H24	006975-98-0	87
3		Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	86
4		Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	86
5		Tridecane, 5-propyl-	226	C16H34	055045-11-9	80



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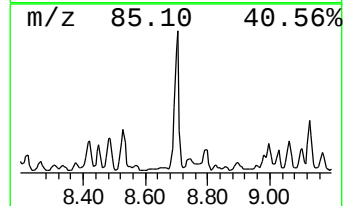
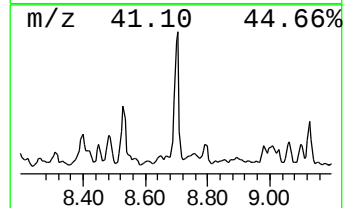
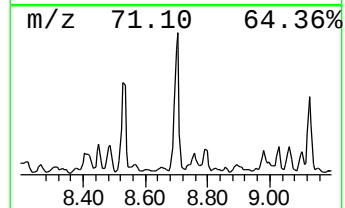
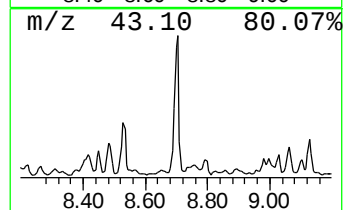
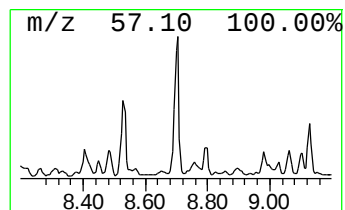
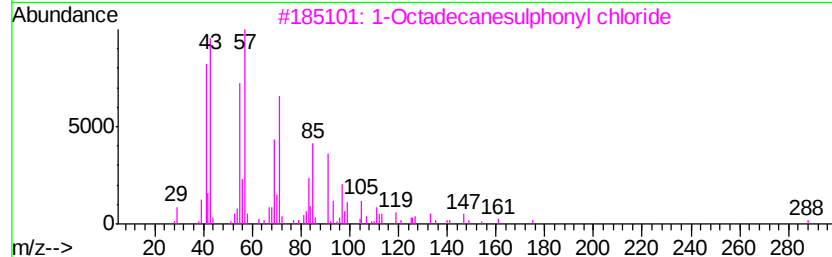
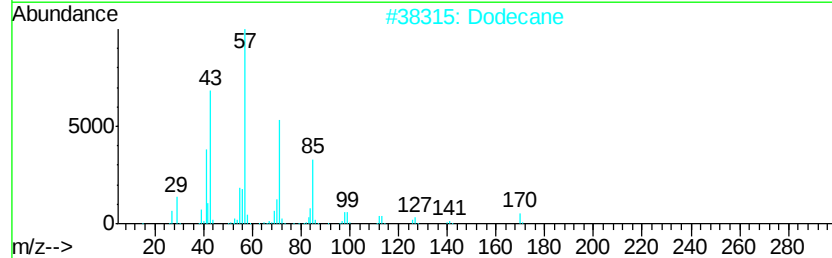
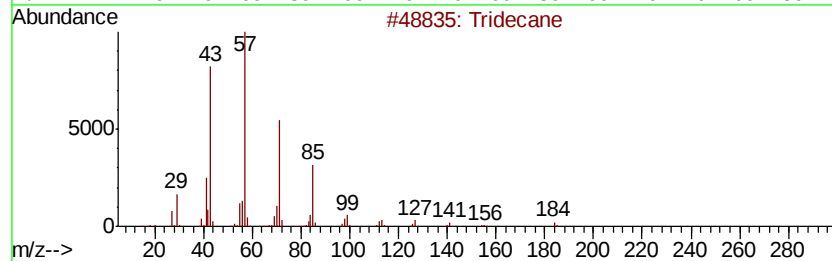
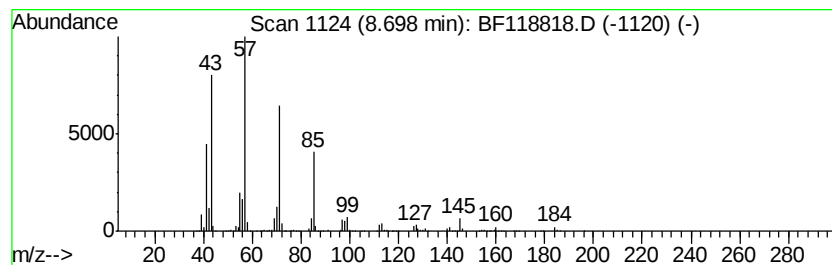
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Tridecane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.70	16.00 ng	7666950	Napthalene-d8	8.10
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Tridecane	184 C13H28	000629-50-5	97
2	Dodecane	170 C12H26	000112-40-3	90
3	1-Octadecanesulphonvl chloride	352 C18H37ClO2S	1000342-70-4	72
4	Hexadecane	226 C16H34	000544-76-3	72
5	Decane, 2,4,6-trimethyl-	184 C13H28	062108-27-4	72



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF020420\
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ALS Vial : 20 Sample Multiplier: 1

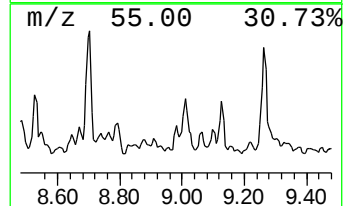
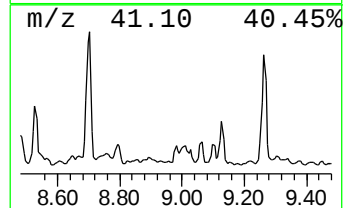
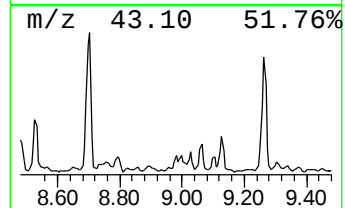
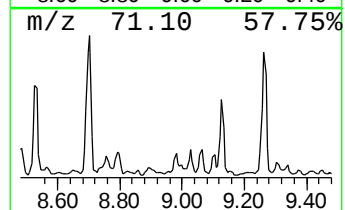
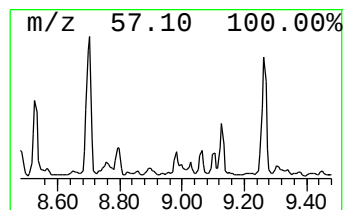
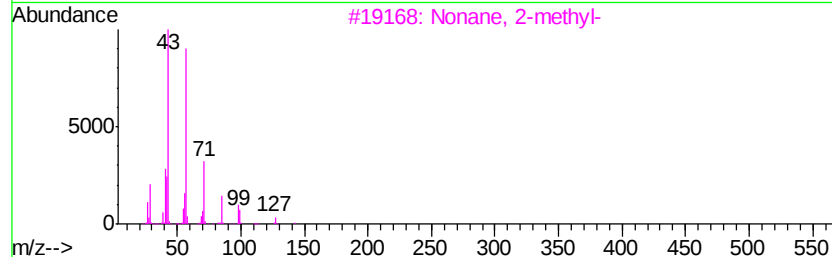
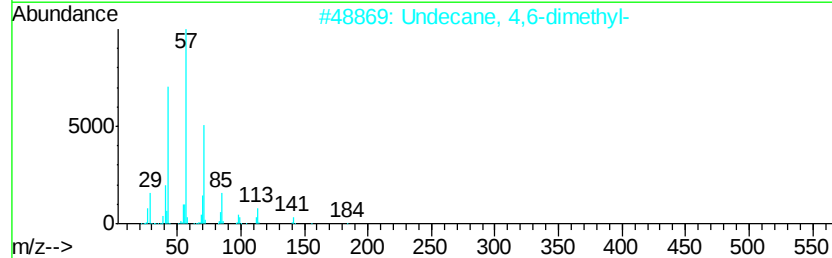
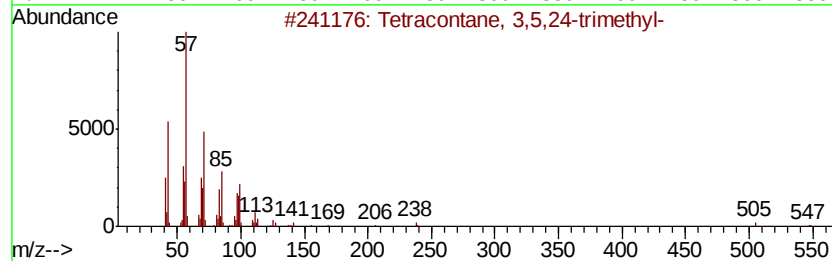
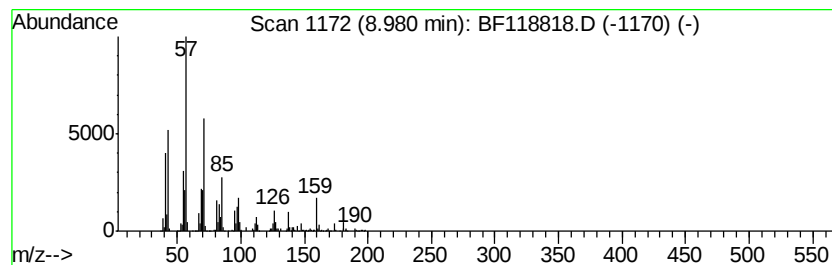
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Tetracontane, 3,5,24-trimet... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD		R.T.	
8.98	8.73 ng	985798	Acenaphthene-d10		9.85	
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Tetracontane, 3,5,24-trimethyl-	605	C43H88	055162-61-3	52
2		Undecane, 4,6-dimethyl-	184	C13H28	017312-82-2	49
3		Nonane, 2-methyl-	142	C10H22	000871-83-0	49
4		Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	47
5		Tetradecane, 1-bromo-	276	C14H29Br	000112-71-0	47



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF020420\
Data File : BF118818.D
Acq On : 4 Feb 2020 23:02
Operator : CG/JU
Sample : L1363-01 2X
Misc :
ALS Vial : 20 Sample Multiplier: 1

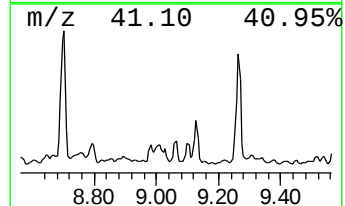
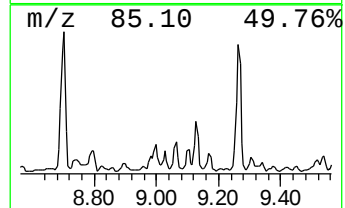
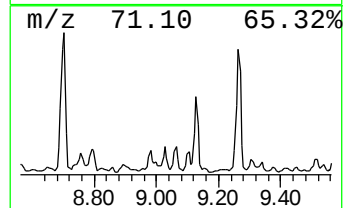
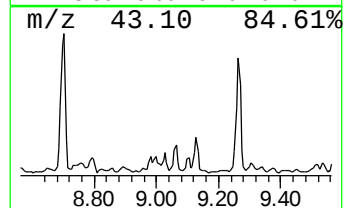
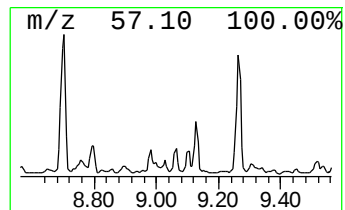
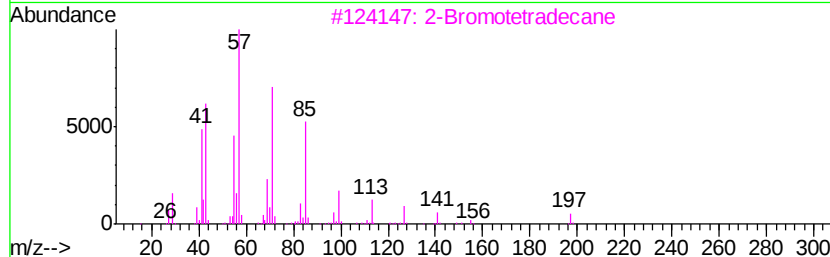
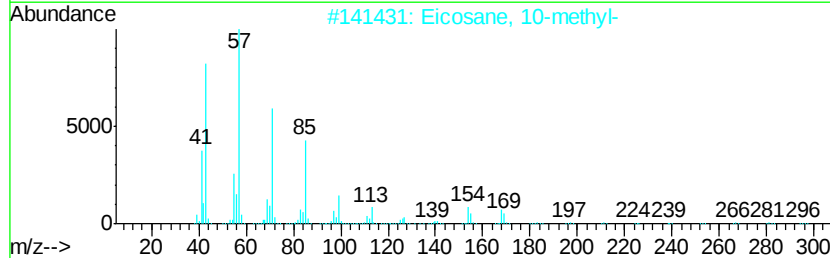
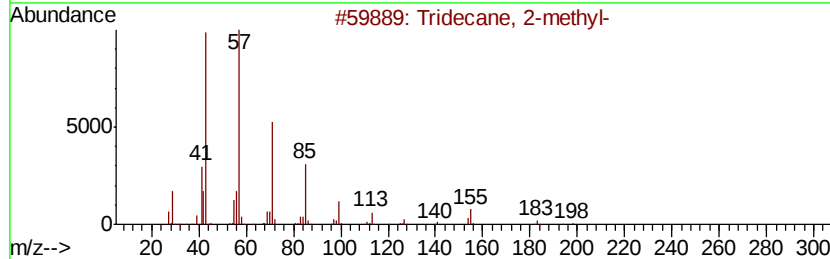
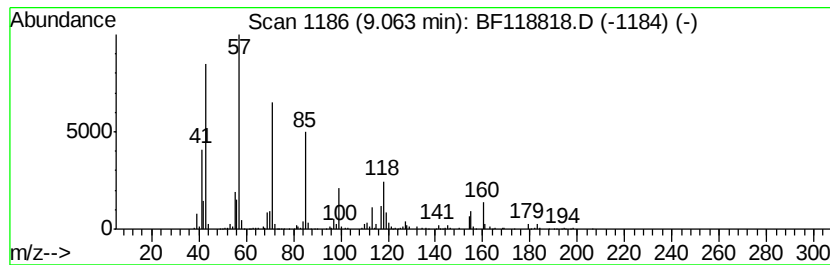
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Tridecane, 2-methyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.06	10.95 ng	1237140	Acenaphthene-d10	9.85
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Tridecane, 2-methyl-	198 C14H30	001560-96-9 90
2		Eicosane, 10-methyl-	296 C21H44	054833-23-7 59
3		2-Bromotetradecane	276 C14H29Br	074036-95-6 50
4		Sulfurous acid, 2-ethylhexyl iso...	278 C14H30O3S	1000309-19-0 49
5		Nonane, 4,5-dimethyl-	156 C11H24	017302-23-7 49



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF020420\
Data File : BF118818.D
Acq On : 4 Feb 2020 23:02
Operator : CG/JU
Sample : L1363-01 2X
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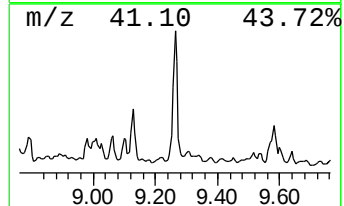
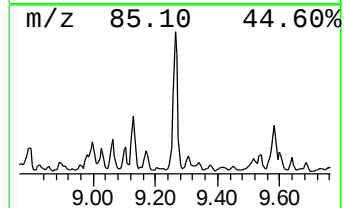
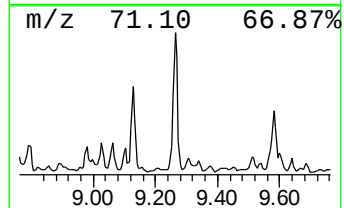
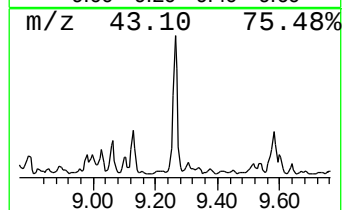
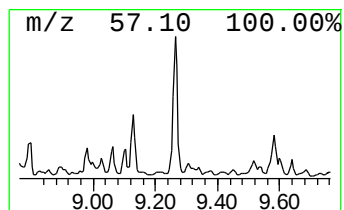
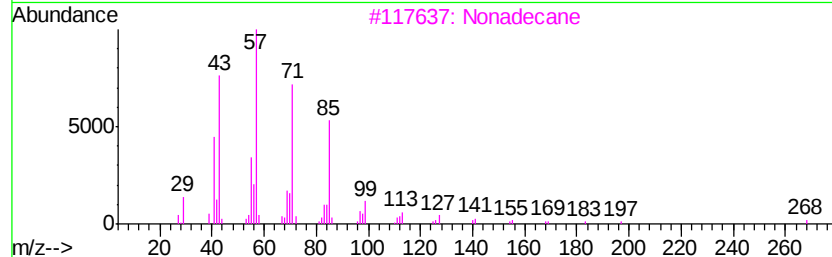
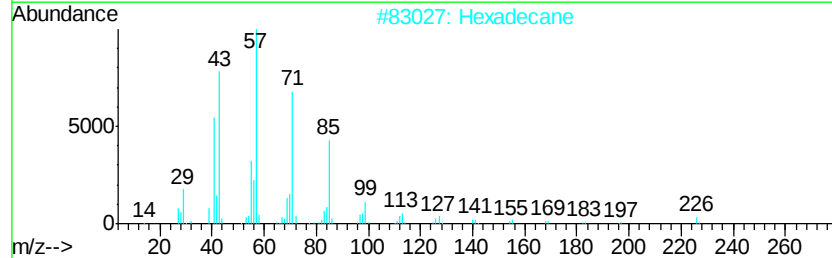
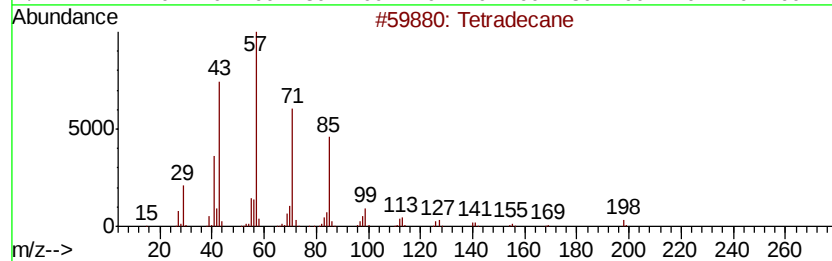
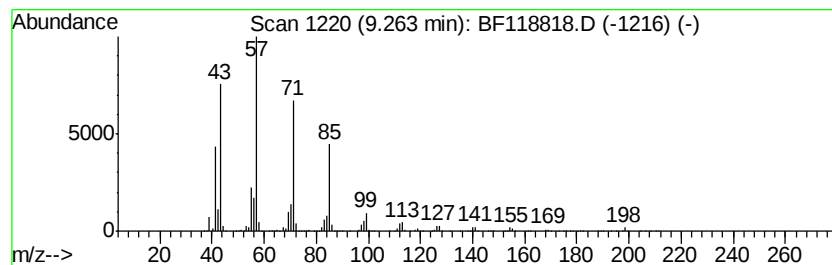
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Tetradecane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.26	54.20 ng	6122310	Acenaphthene-d10	9.85

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tetradecane	198	C14H30	000629-59-4	97
2		Hexadecane	226	C16H34	000544-76-3	91
3		Nonadecane	268	C19H40	000629-92-5	90
4		Octane, 2,4,6-trimethyl-	156	C11H24	062016-37-9	86
5		Tridecane	184	C13H28	000629-50-5	72



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF020420\
Data File : BF118818.D
Acq On : 4 Feb 2020 23:02
Operator : CG/JU
Sample : L1363-01 2X
Misc :
ALS Vial : 20 Sample Multiplier: 1

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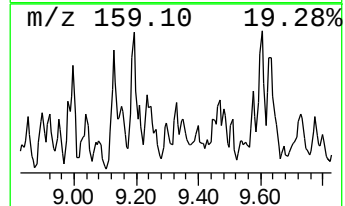
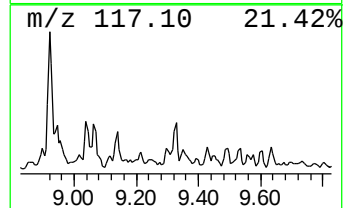
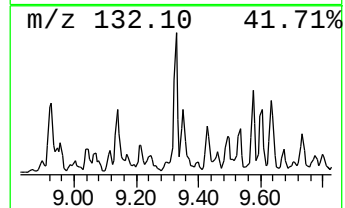
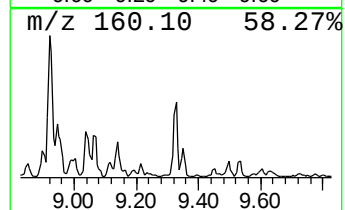
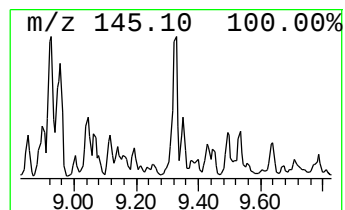
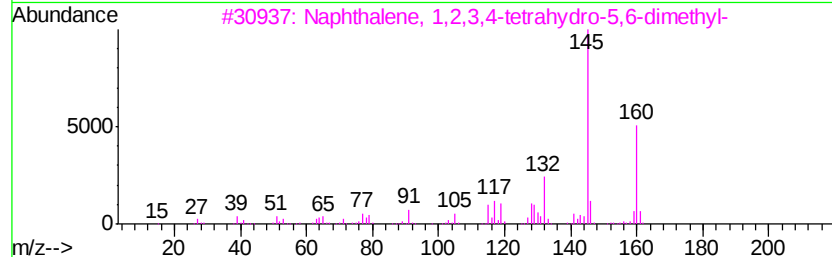
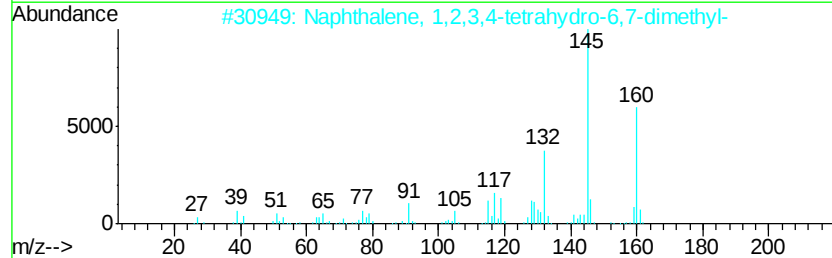
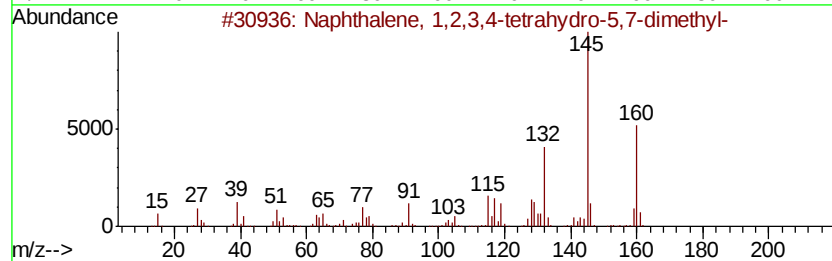
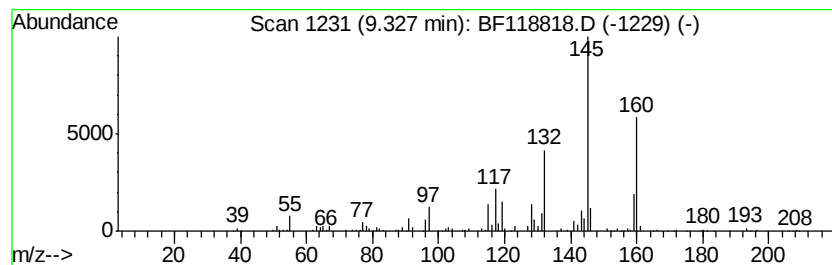
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.33	11.97 ng	1351560	Acenaphthene-d10	9.85

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	021693-54-9	93
2			Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	001076-61-5	90
3			Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	020027-77-4	74
4			Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	021564-91-0	58
5			Benzene, 1-(2-butenyl)-2,3-dimet...	160	C12H16	054340-85-1	53



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF020420\
Data File : BF118818.D
Acq On : 4 Feb 2020 23:02
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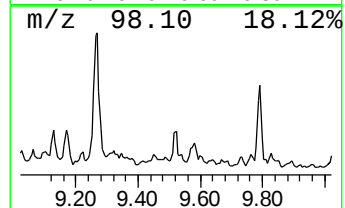
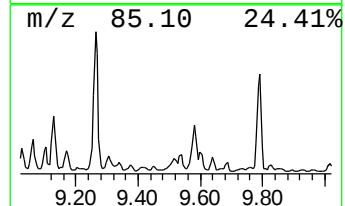
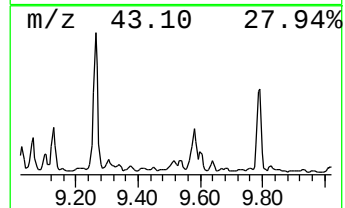
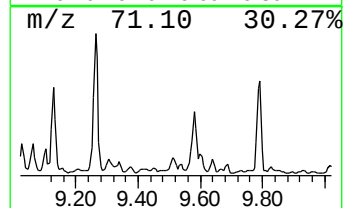
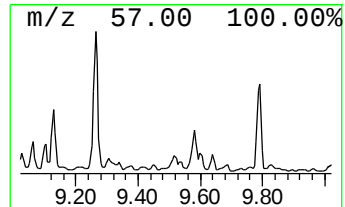
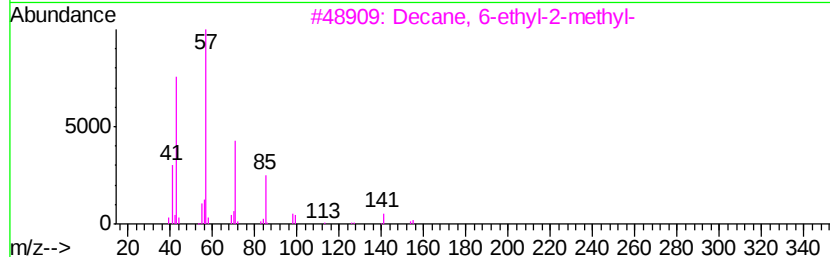
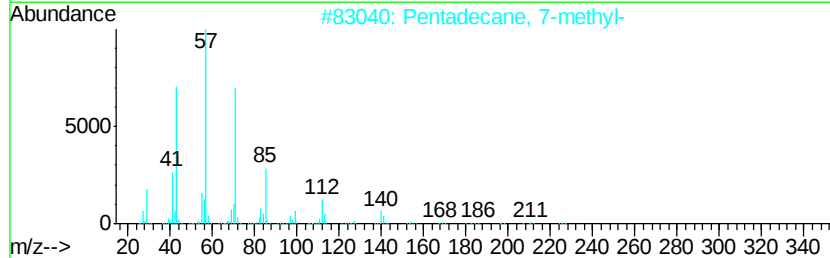
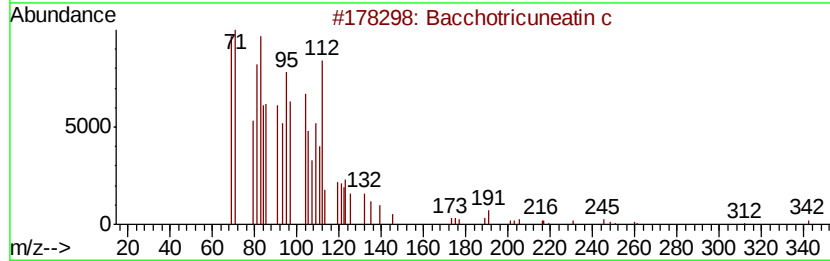
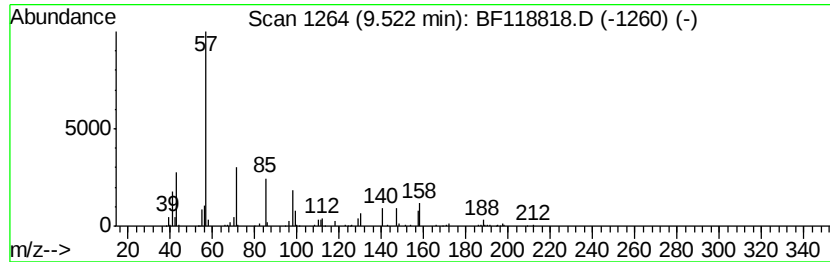
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 15 Bacchotricuneatin c Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.52	8.56 ng	966631	Acenaphthene-d10	9.85

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Bacchotricuneatin c	342	C20H22O5	066563-30-2	97
2			Pentadecane, 7-methyl-	226	C16H34	006165-40-8	43
3			Decane, 6-ethyl-2-methyl-	184	C13H28	062108-21-8	43
4			Hexadecane	226	C16H34	000544-76-3	38
5			3-Ethyl-3-methylheptane	142	C10H22	017302-01-1	27



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF020420\
Data File : BF118818.D
Acq On : 4 Feb 2020 23:02
Operator : CG/JU
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Misc :
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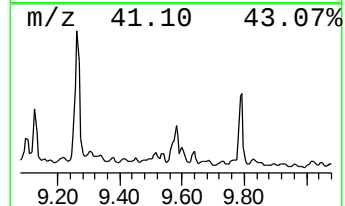
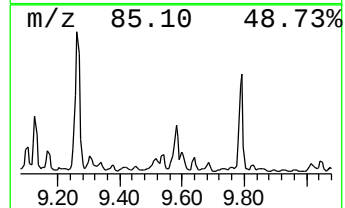
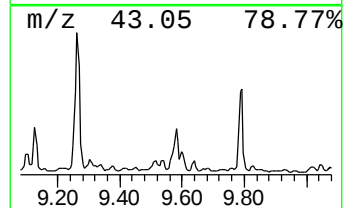
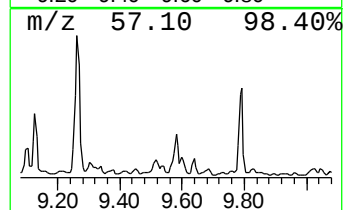
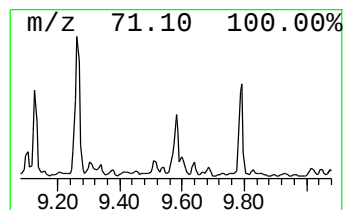
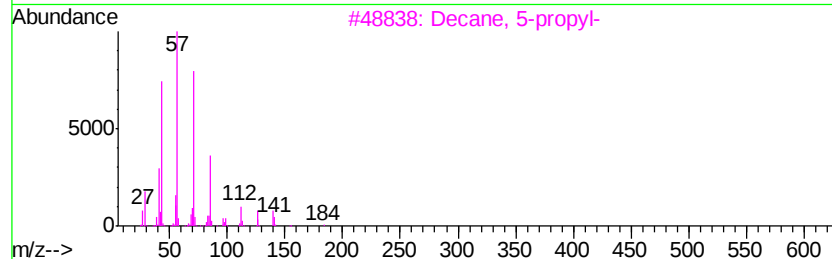
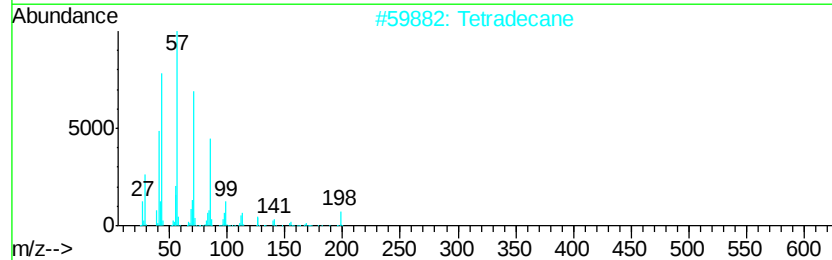
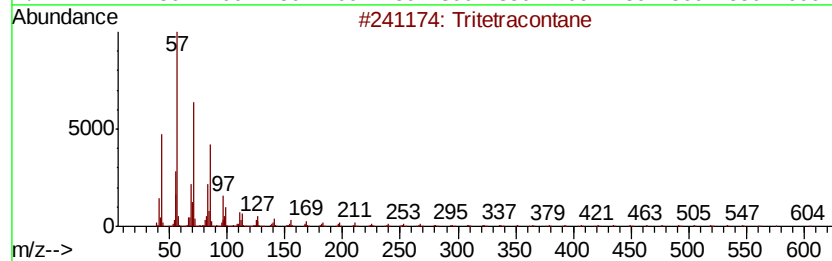
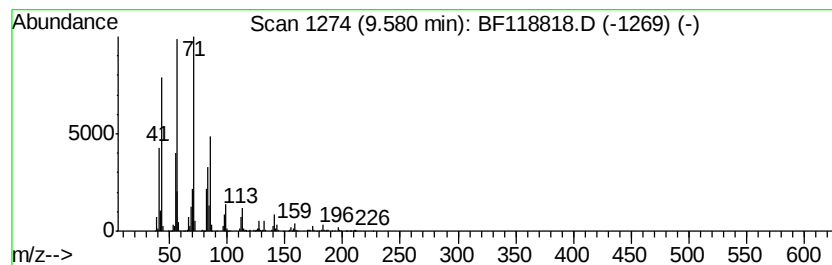
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 Tritetracontane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.58	25.61 ng	2892970	Acenaphthene-d10	9.85

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tritetracontane	605	C43H88	007098-21-7	72
2		Tetradecane	198	C14H30	000629-59-4	72
3		Decane, 5-propyl-	184	C13H28	017312-62-8	58
4		Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	58
5		Undecane, 4,6-dimethyl-	184	C13H28	017312-82-2	58



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF020420\
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Acq On : 4 Feb 2020 23:02
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ClientSampleId :
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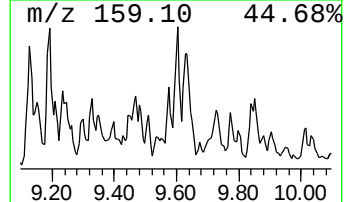
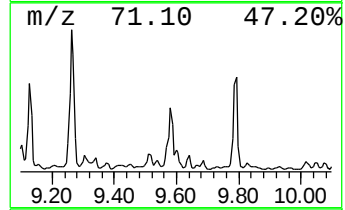
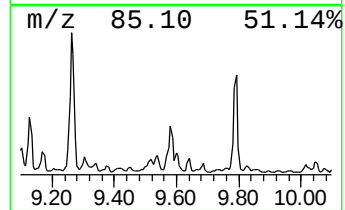
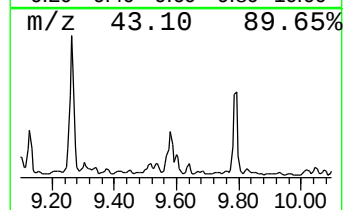
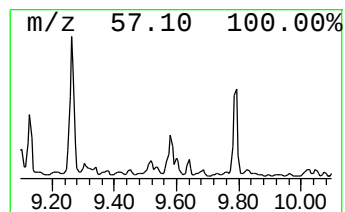
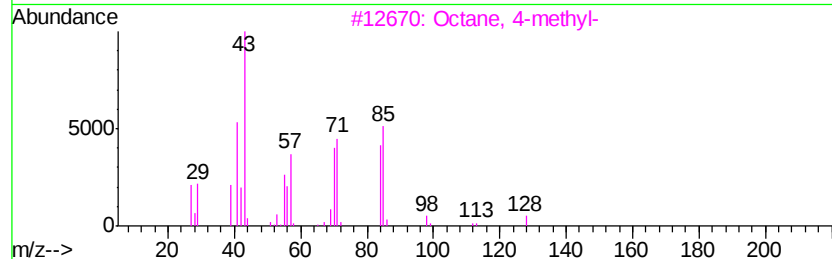
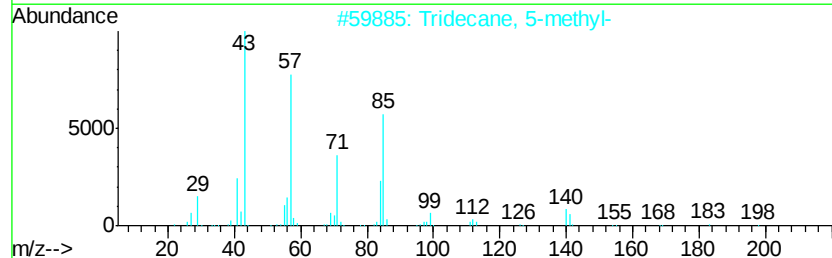
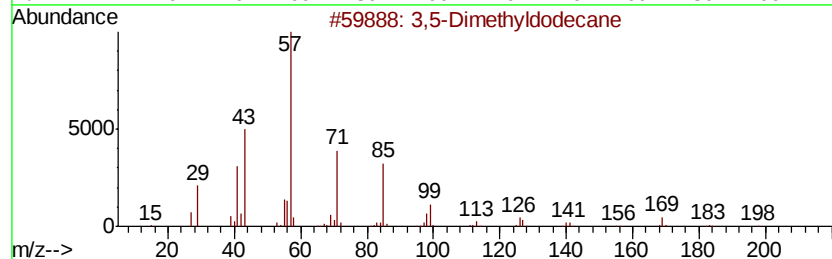
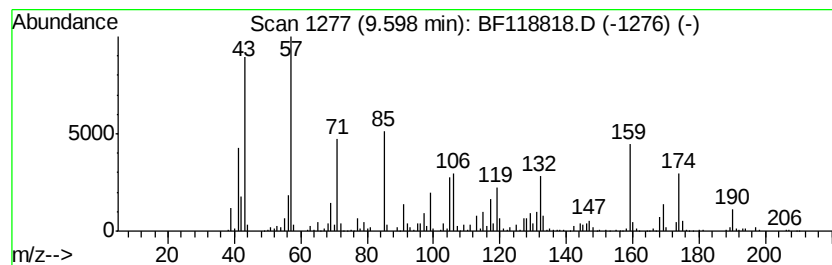
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 unknown9.60 Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.60	8.46 ng	955442	Acenaphthene-d10	9.85

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			3,5-Dimethyldodecane	198	C14H30	107770-99-0	41
2			Tridecane, 5-methyl-	198	C14H30	025117-31-1	30
3			Octane, 4-methyl-	128	C9H20	002216-34-4	25
4			Sulfurous acid, decyl 2-propyl e...	264	C13H28O3S	1000309-12-1	22
5			Tetradecane, 5-methyl-	212	C15H32	025117-32-2	22



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF020420\
Data File : BF118818.D
Acq On : 4 Feb 2020 23:02
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Misc :
ALS Vial : 20 Sample Multiplier: 1

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ClientSampleId :
HR-06-020320

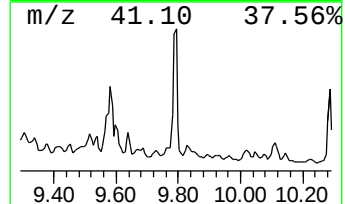
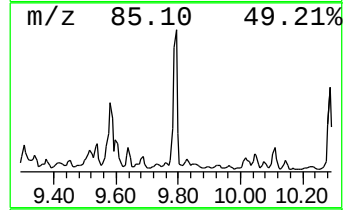
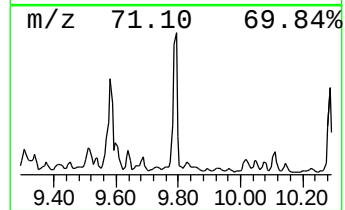
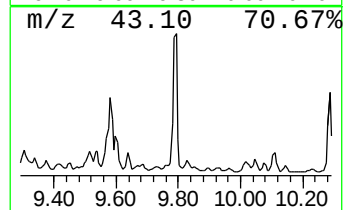
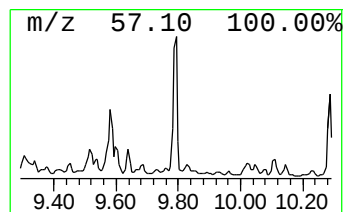
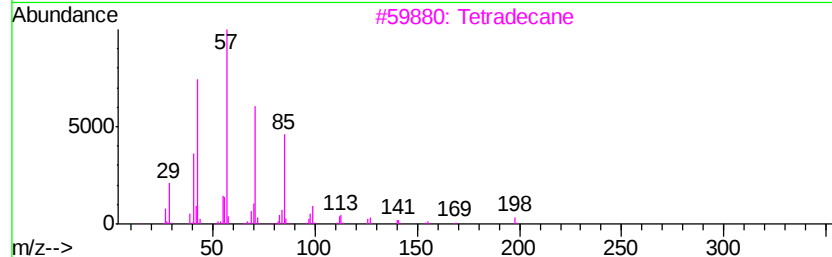
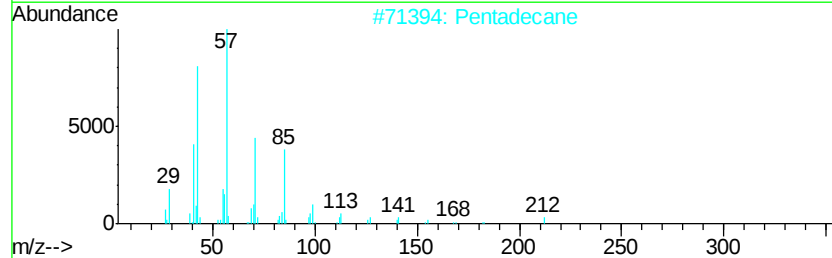
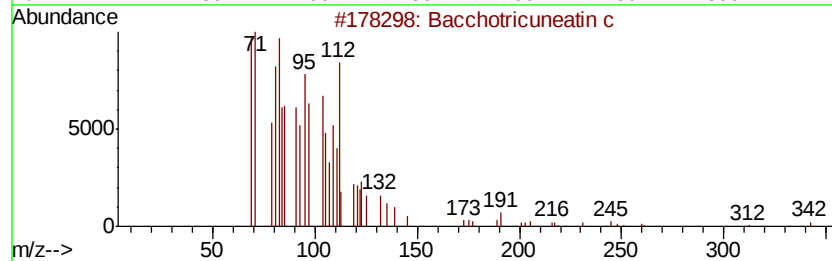
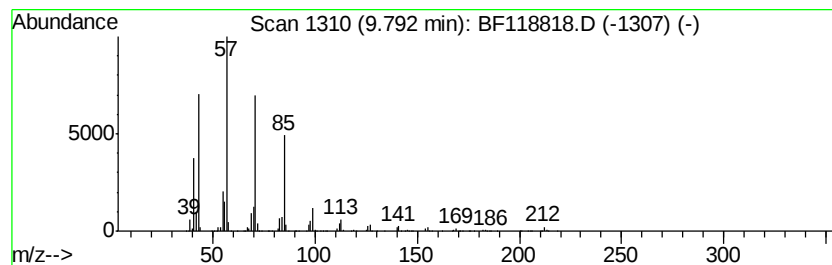
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 Pentadecane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.79	28.57 ng	3227100	Acenaphthene-d10	9.85

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Bacchotricuneatin c	342	C20H22O5	066563-30-2	96
2		Pentadecane	212	C15H32	000629-62-9	92
3		Tetradecane	198	C14H30	000629-59-4	91
4		Nonadecane	268	C19H40	000629-92-5	90
5		Nonadecane, 9-methyl-	282	C20H42	013287-24-6	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF020420\
Data File : BF118818.D
Acq On : 4 Feb 2020 23:02
Operator : CG/JU
Sample : L1363-01 2X
Misc :
ALS Vial : 20 Sample Multiplier: 1

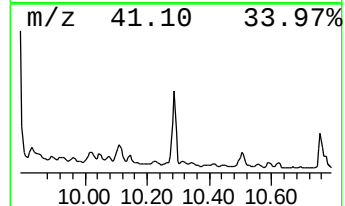
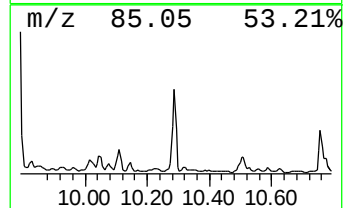
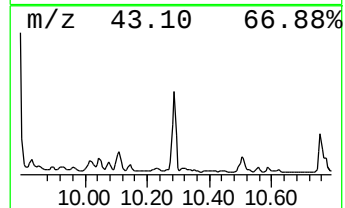
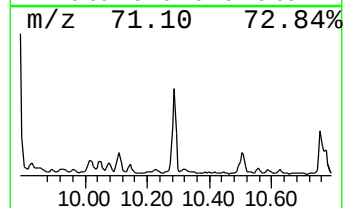
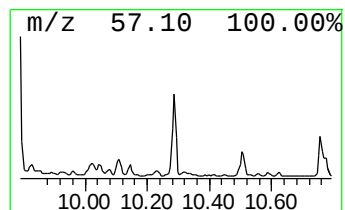
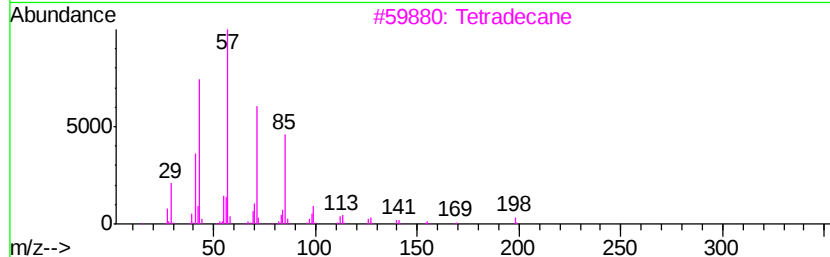
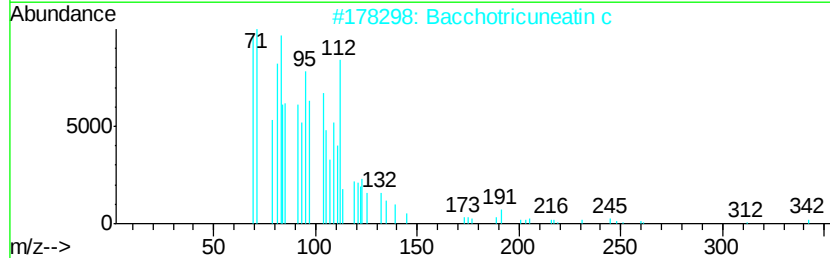
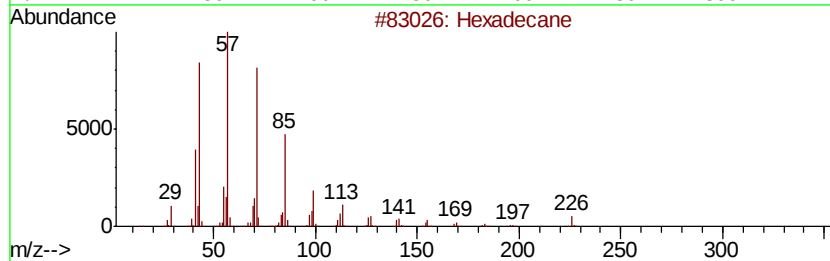
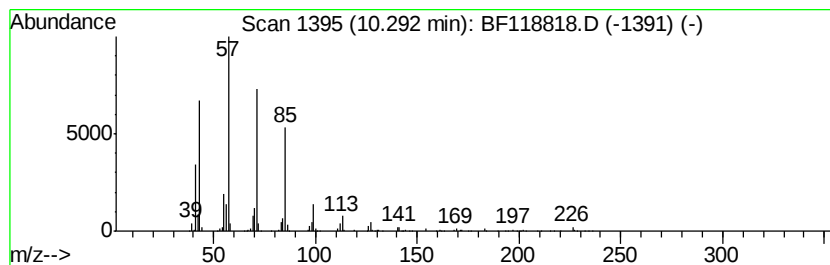
Instrument :
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ClientSampleId :
HR-06-020320

Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF020320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 Hexadecane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.29	14.51 ng	1639170	Acenaphthene-d10	9.85
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Hexadecane	226 C16H34	000544-76-3	96
2	Bacchotricuneatin c	342 C20H22O5	066563-30-2	95
3	Tetradecane	198 C14H30	000629-59-4	91
4	Pentadecane	212 C15H32	000629-62-9	90
5	Nonadecane	268 C19H40	000629-92-5	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF020420\
Data File : BF118818.D
Acq On : 4 Feb 2020 23:02
Operator : CG/JU
Sample : L1363-01 2X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HR-06-020320

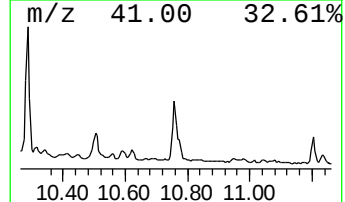
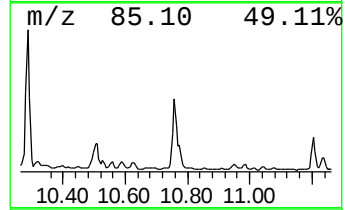
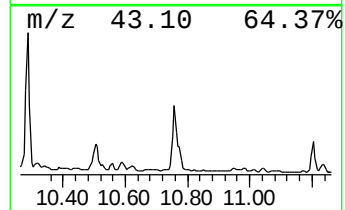
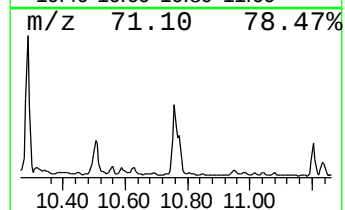
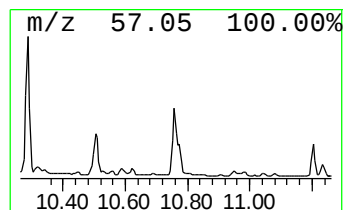
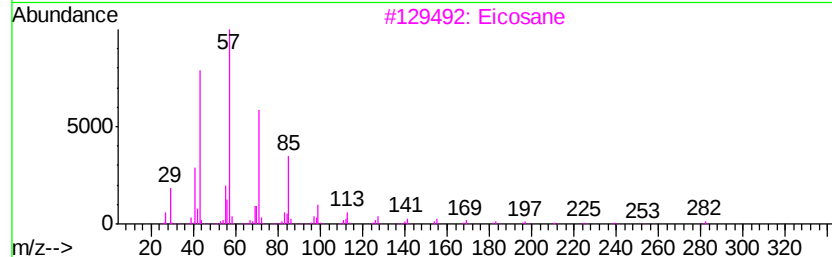
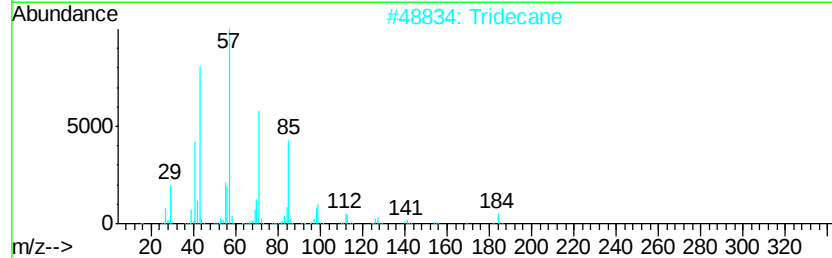
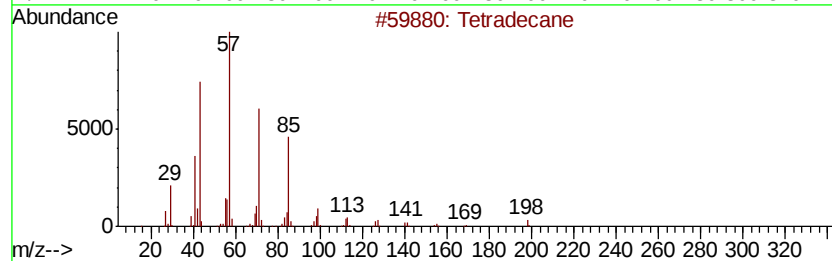
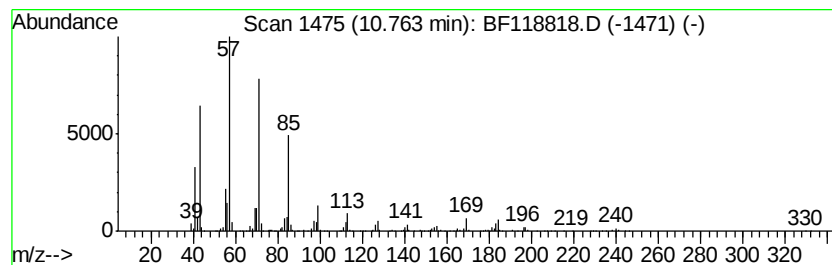
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 Eicosane Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.76	13.87 ng	1350310	Phenanthrene-d10	11.33

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tetradecane	198	C14H30	000629-59-4	93
2		Tridecane	184	C13H28	000629-50-5	91
3		Eicosane	282	C20H42	000112-95-8	91
4		Hexadecane	226	C16H34	000544-76-3	91
5		Dodecane, 1-iodo-	296	C12H25I	004292-19-7	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF020420\
 Data File : BF118818.D
 Acq On : 4 Feb 2020 23:02
 Operator : CG/JU
 Sample : L1363-01 2X
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HR-06-020320

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF020320.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	6.66	38.9	ng	3693510	1	6.82	1900890	20.0
Benzene, 1,2,4-tr...	6.87	10.6	ng	1007770	1	6.82	1900890	20.0
Benzene, 1-methyl...	7.10	19.0	ng	1808260	1	6.82	1900890	20.0
Benzene, 1,3-diet...	7.13	19.4	ng	1839200	1	6.82	1900890	20.0
Decane, 2-methyl-	7.16	12.8	ng	1217260	1	6.82	1900890	20.0
Decane, 3-methyl-	7.21	22.3	ng	2120960	1	6.82	1900890	20.0
Undecane	7.43	70.0	ng	6649110	1	6.82	1900890	20.0
Dodecane, 4,6-dim...	8.53	8.7	ng	4149810	2	8.10	9582100	20.0
Tridecane	8.70	16.0	ng	7666950	2	8.10	9582100	20.0
Tetracontane, 3,5...	8.98	8.7	ng	985798	3	9.85	2259150	20.0
Tridecane, 2-methyl-	9.06	10.9	ng	1237140	3	9.85	2259150	20.0
Tetradecane	9.26	54.2	ng	6122310	3	9.85	2259150	20.0
Naphthalene, 1,2,...	9.33	12.0	ng	1351560	3	9.85	2259150	20.0
Bacchotricuneatin c	9.52	8.6	ng	966631	3	9.85	2259150	20.0
Tritetracontane	9.58	25.6	ng	2892970	3	9.85	2259150	20.0
unknown9.60	9.60	8.5	ng	955442	3	9.85	2259150	20.0
Pentadecane	9.79	28.6	ng	3227100	3	9.85	2259150	20.0
Hexadecane	10.29	14.5	ng	1639170	3	9.85	2259150	20.0
Eicosane	10.76	13.9	ng	1350310	4	11.33	1946890	20.0