

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF091018\
 Data File : BF108890.D
 Acq On : 10 Sep 2018 14:02
 Operator : JU/SJ
 Sample : J4769-05 2X
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HR-05-090718-C

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-BF090518.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	5.337	506	510	514	rBV	1731192	1651967	10.03%	1.842%
2	6.366	678	685	688	rBV	1871236	1789178	10.86%	1.995%
3	6.501	701	708	711	rBV	2175485	1862092	11.30%	2.076%
4	6.736	743	748	751	rBV	1462901	1161940	7.05%	1.295%
5	6.895	771	775	778	rVB	1621474	1463646	8.88%	1.632%
6	7.066	800	804	806	rBV2	215980	186062	1.13%	0.207%
7	7.136	813	816	819	rBV	313042	252894	1.53%	0.282%
8	7.289	835	842	845	rBV2	1363080	1401968	8.51%	1.563%
9	7.348	850	852	855	rVB	315727	261337	1.59%	0.291%
10	7.395	855	860	863	rBV4	243599	331301	2.01%	0.369%
11	7.536	882	884	886	rBV	302246	329556	2.00%	0.367%
12	7.636	895	901	902	rBV3	126094	167521	1.02%	0.187%
13	7.683	907	909	912	rVB3	244922	199917	1.21%	0.223%
14	7.760	917	922	925	rBV3	383043	568885	3.45%	0.634%
15	7.795	925	928	930	rVB3	338451	328101	1.99%	0.366%
16	7.836	930	935	936	rBV3	236847	280822	1.70%	0.313%
17	7.860	938	939	942	rVB	365332	232627	1.41%	0.259%
18	7.895	942	945	947	rBV	233493	198243	1.20%	0.221%
19	7.972	955	958	959	rBV2	188970	177931	1.08%	0.198%
20	8.019	962	966	969	rVV	2593860	2302622	13.97%	2.567%
21	8.042	969	970	974	rVV4	219910	352998	2.14%	0.394%
22	8.078	974	976	978	rVV2	249810	253157	1.54%	0.282%
23	8.095	978	979	981	rVV	380362	290048	1.76%	0.323%
24	8.119	981	983	987	rVV3	197739	194926	1.18%	0.217%
25	8.201	991	997	998	rBV4	276350	364086	2.21%	0.406%
26	8.236	1002	1003	1006	rVV2	267108	171869	1.04%	0.192%
27	8.266	1006	1008	1010	rVV2	225811	197873	1.20%	0.221%
28	8.319	1013	1017	1020	rVV5	448633	599929	3.64%	0.669%
29	8.348	1020	1022	1025	rVB2	212682	175440	1.06%	0.196%
30	8.378	1025	1027	1030	rBV2	348960	302385	1.84%	0.337%
31	8.413	1030	1033	1037	rVB6	386994	430725	2.61%	0.480%
32	8.460	1037	1041	1045	rBV3	833703	1040778	6.32%	1.160%
33	8.525	1049	1052	1056	rBV3	565550	538902	3.27%	0.601%
34	8.572	1058	1060	1065	rVV4	203146	233763	1.42%	0.261%

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35	8.625	1066	1069	1074	rVV3	1013361	996151	6.05%	1.111%
36	8.683	1075	1079	1081	rVV3	416130	499488	3.03%	0.557%
37	8.719	1082	1085	1089	rVB3	372717	461074	2.80%	0.514%
38	8.783	1092	1096	1097	rBV3	120425	172755	1.05%	0.193%
39	8.842	1104	1106	1109	rBV	471132	349791	2.12%	0.390%
40	8.960	1124	1126	1129	rVV3	157326	178498	1.08%	0.199%
41	8.989	1129	1131	1134	rVB2	334352	273210	1.66%	0.305%
42	9.054	1140	1142	1145	rVB2	975486	801407	4.86%	0.893%
43	9.095	1145	1149	1152	rBV	2218537	1958205	11.88%	2.183%
44	9.189	1161	1165	1168	rBV	1040754	973524	5.91%	1.085%
45	9.248	1171	1175	1177	rVV3	322712	401888	2.44%	0.448%
46	9.348	1188	1192	1195	rBV5	188333	269929	1.64%	0.301%
47	9.413	1200	1203	1205	rBV4	178640	229309	1.39%	0.256%
48	9.483	1213	1215	1217	rBV	594720	527583	3.20%	0.588%
49	9.507	1217	1219	1221	rVV	644422	589377	3.58%	0.657%
50	9.525	1221	1222	1226	rVV2	264587	267753	1.63%	0.299%
51	9.560	1226	1228	1231	rVB2	177133	178934	1.09%	0.199%
52	9.719	1252	1255	1258	rVV	708351	618752	3.76%	0.690%
53	9.766	1258	1263	1267	rVV2	1749270	1652668	10.03%	1.843%
54	9.954	1290	1295	1297	rBV4	148901	266702	1.62%	0.297%
55	9.977	1297	1299	1302	rVV3	194322	187409	1.14%	0.209%
56	10.036	1306	1309	1313	rVB3	241142	257225	1.56%	0.287%
57	10.213	1336	1339	1342	rVV	689838	538568	3.27%	0.600%
58	10.436	1373	1377	1379	rVB	266035	282530	1.71%	0.315%
59	10.548	1393	1396	1401	rVB	1155512	984227	5.97%	1.097%
60	10.683	1416	1419	1421	rBV	672655	621875	3.77%	0.693%
61	11.130	1492	1495	1498	rBV	589140	461238	2.80%	0.514%
62	11.160	1498	1500	1506	rVB	280819	286755	1.74%	0.320%
63	11.242	1511	1514	1517	rVV	1464099	1205221	7.31%	1.344%
64	11.554	1564	1567	1570	rBV	495429	450811	2.74%	0.503%
65	11.654	1580	1584	1588	rVB	6167261	5630831	34.17%	6.278%
66	11.789	1602	1607	1610	rBV2	522980	515970	3.13%	0.575%
67	11.960	1634	1636	1643	rVB	442359	418367	2.54%	0.466%
68	12.348	1696	1702	1704	rBV	10565576	16476906	100.00%	18.370%
69	12.371	1704	1706	1711	rVV2	10448473	10078695	61.17%	11.236%
70	12.448	1715	1719	1722	rVV2	3175431	3237330	19.65%	3.609%
71	12.477	1722	1724	1725	rVV	557184	474305	2.88%	0.529%

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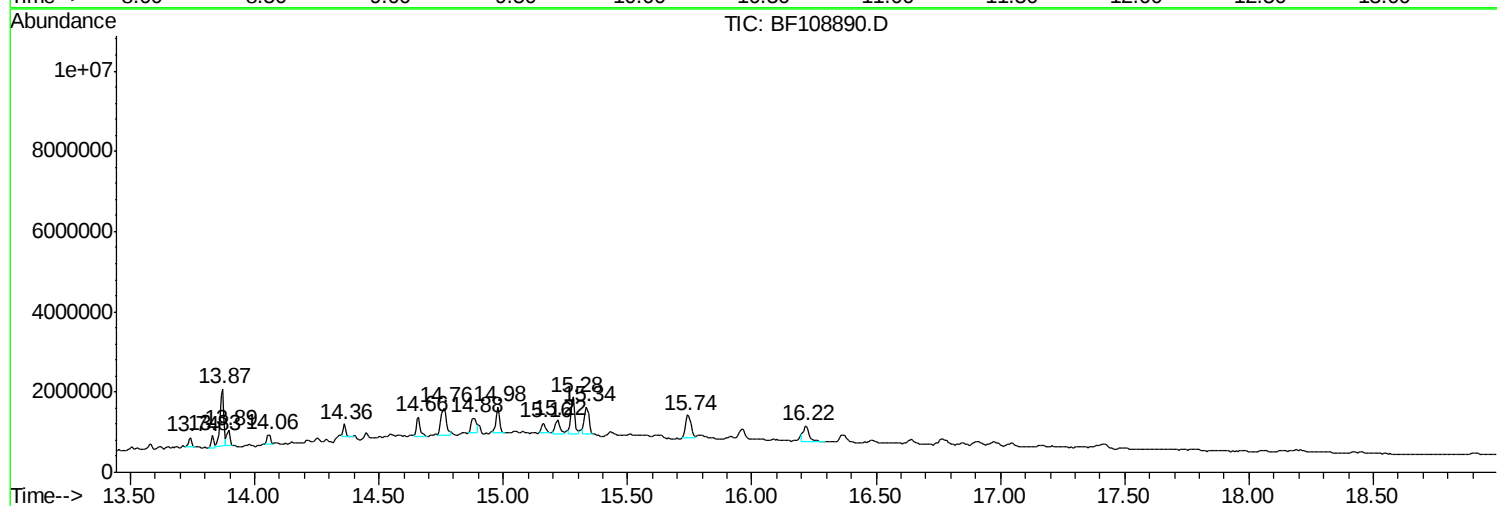
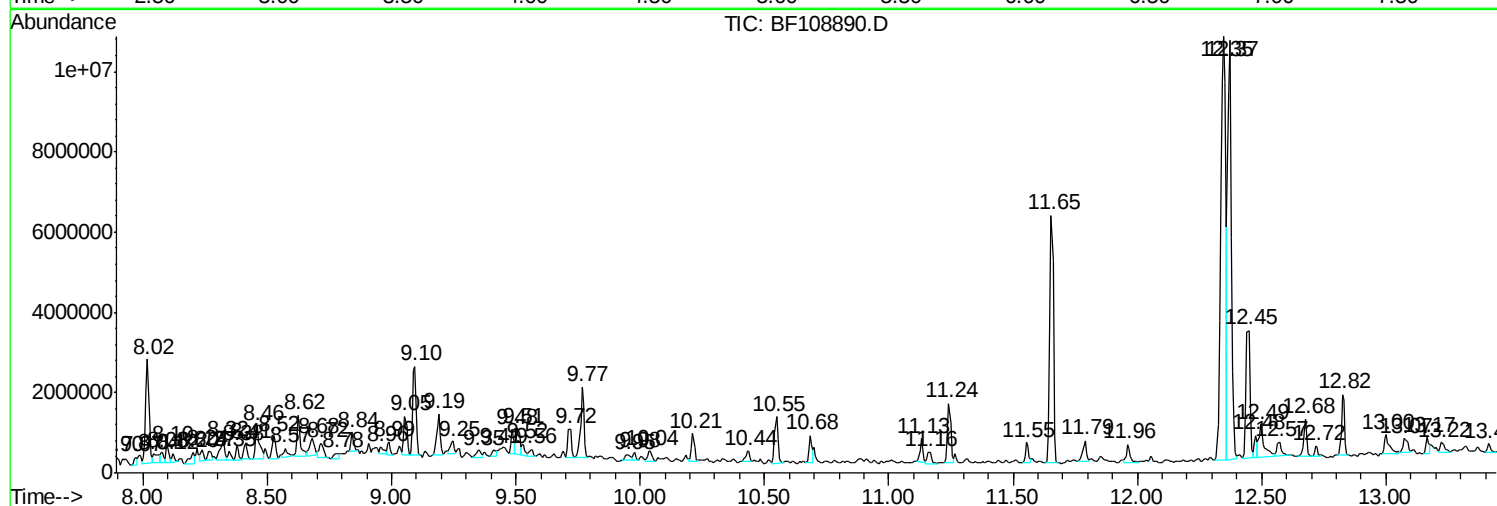
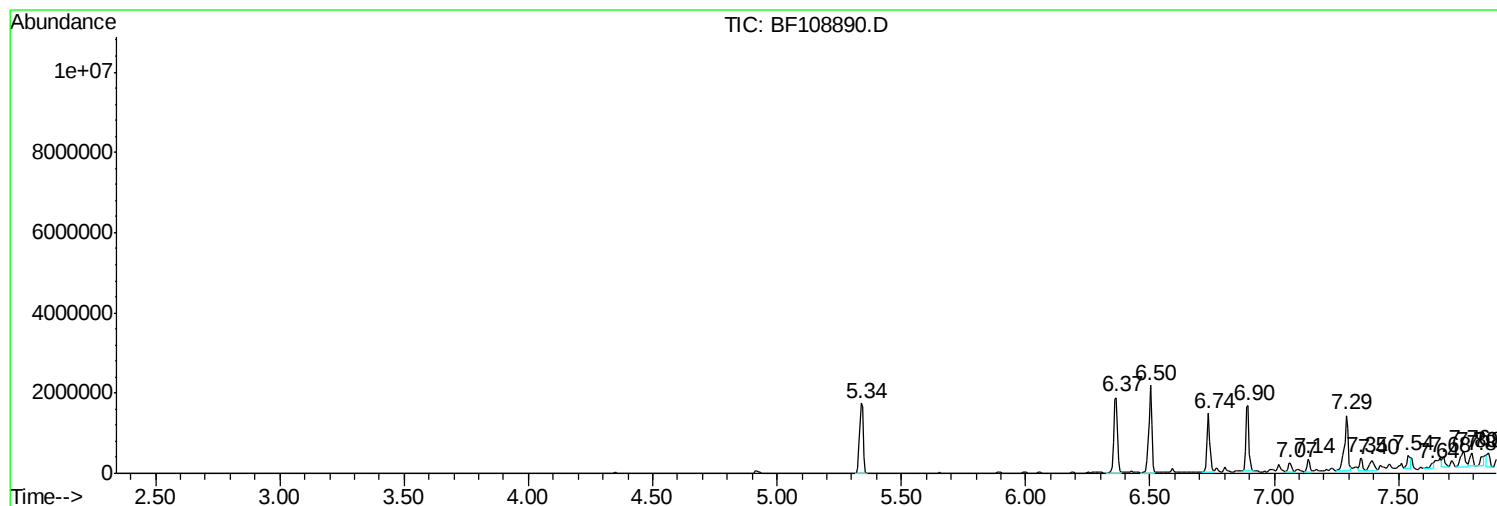
72	12.495	1725	1727	1737	rVV	801007	1134458	6.89%	1.265%
73	12.571	1737	1740	1747	rVB2	331015	397115	2.41%	0.443%
74	12.677	1753	1758	1762	rBV	952529	910442	5.53%	1.015%
75	12.718	1762	1765	1768	rBV2	269746	241713	1.47%	0.269%
76	12.824	1780	1783	1787	rBV	1518048	1344355	8.16%	1.499%
77	13.001	1810	1813	1822	rBV2	460136	657577	3.99%	0.733%
78	13.071	1822	1825	1830	rBV3	344533	507348	3.08%	0.566%
79	13.165	1838	1841	1843	rBV	401553	400843	2.43%	0.447%
80	13.224	1849	1851	1857	rVB4	232967	260360	1.58%	0.290%
81	13.413	1881	1883	1888	rVB	206263	187836	1.14%	0.209%
82	13.742	1936	1939	1942	rVB	239805	220641	1.34%	0.246%
83	13.830	1951	1954	1956	rBV	316470	265139	1.61%	0.296%
84	13.871	1956	1961	1963	rVV2	1435644	1613316	9.79%	1.799%
85	13.895	1963	1965	1967	rVB	368983	279852	1.70%	0.312%
86	14.060	1990	1993	1995	rBV	230413	212149	1.29%	0.237%
87	14.360	2042	2044	2050	rVB	325790	282313	1.71%	0.315%
88	14.659	2092	2095	2100	rVB	490527	521297	3.16%	0.581%
89	14.759	2108	2112	2117	rBV	670067	941529	5.71%	1.050%
90	14.883	2129	2133	2135	rBV	363260	517172	3.14%	0.577%
91	14.977	2146	2149	2154	rVB2	655696	670559	4.07%	0.748%
92	15.159	2178	2180	2184	rVB	240744	281053	1.71%	0.313%
93	15.218	2187	2190	2195	rVV	331641	401657	2.44%	0.448%
94	15.283	2197	2201	2204	rVV	912680	1099215	6.67%	1.225%
95	15.336	2207	2210	2214	rVB	675612	785667	4.77%	0.876%
96	15.742	2275	2279	2284	rBV	571857	854126	5.18%	0.952%
97	16.218	2357	2360	2372	rVB	384849	638237	3.87%	0.712%

Sum of corrected areas: 89696719

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Quant Method : Z:\SV0ASRV\HPCHEM1\BNA_F\METHODS\8270-BF090518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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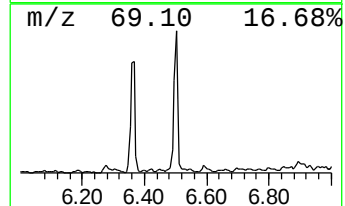
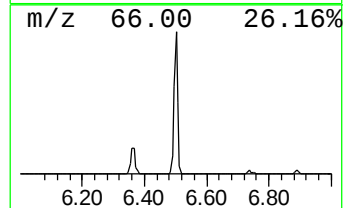
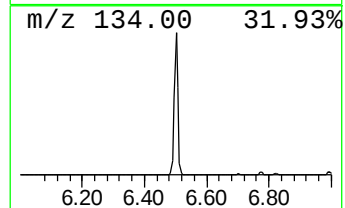
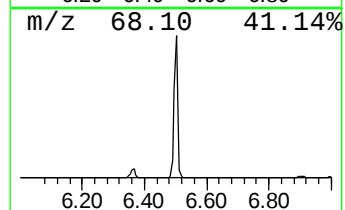
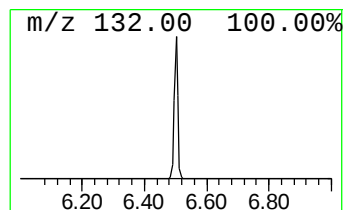
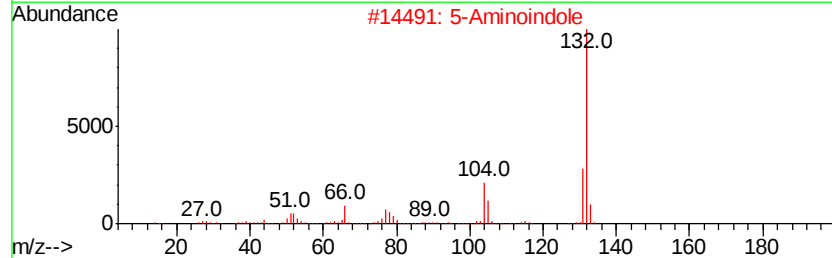
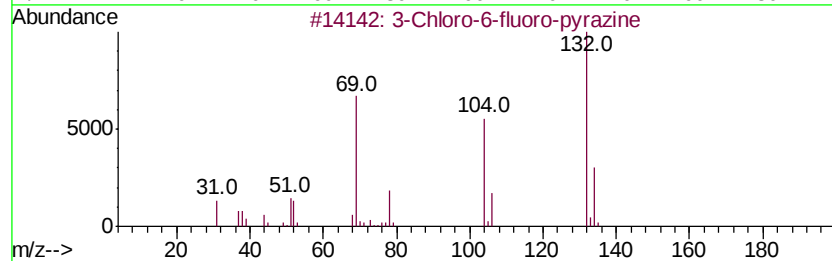
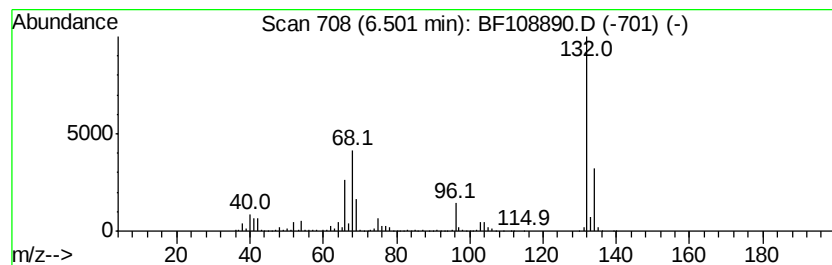
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 1 unknown6.50 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.50	32.05 ng	1862090	1,4-Dichlorobenzene-d4	6.74

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27	
2	5-Aminoindole	132	C8H8N2	005192-03-0	12	
3	Tranvlcyproline-propionyl	189	C12H15NO	1000123-86-3	10	
4	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	9	
5	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	9	



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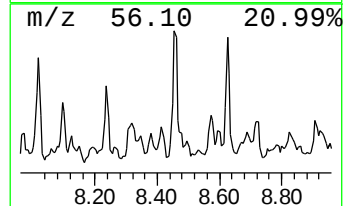
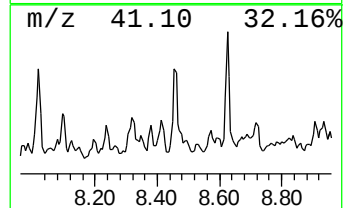
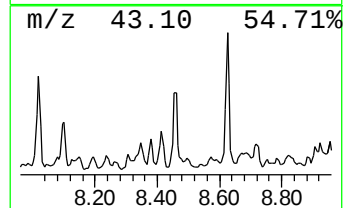
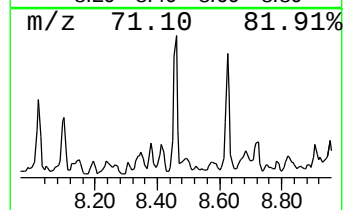
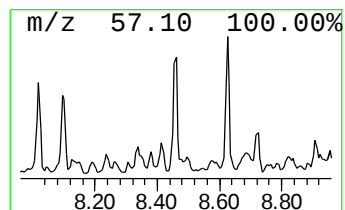
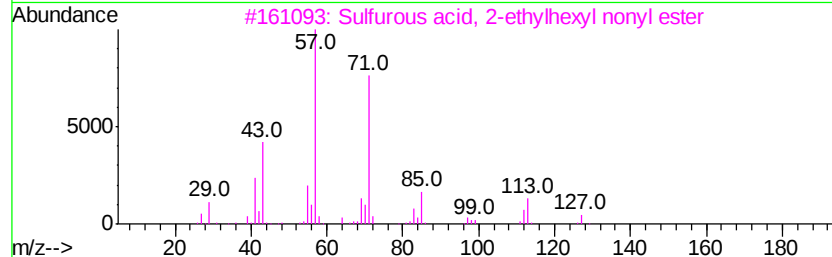
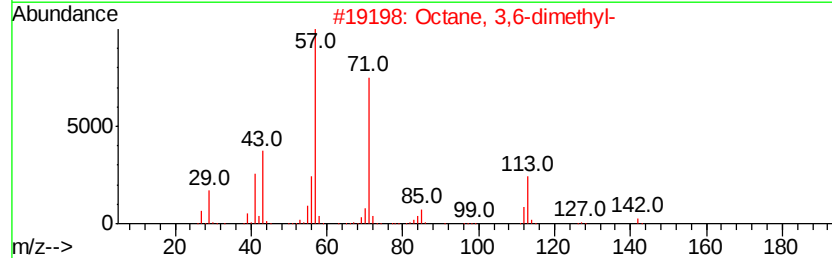
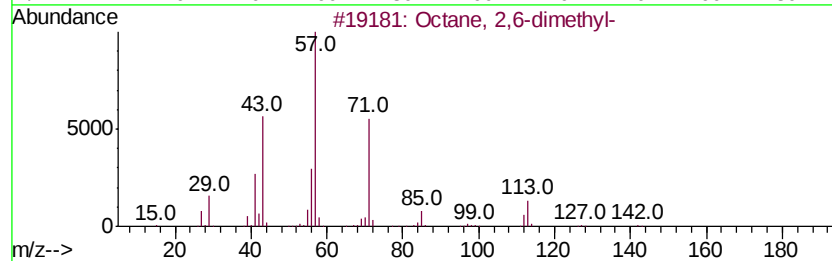
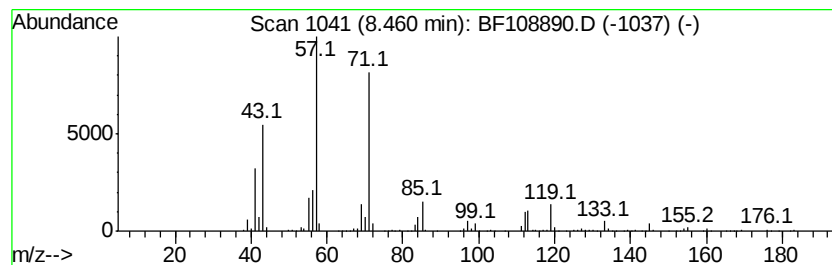
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Octane, 2,6-dimethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.46	9.04 ng	1040780	Naphthalene-d8	8.02
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Octane, 2,6-dimethyl-	142 C10H22	002051-30-1 64
2		Octane, 3,6-dimethyl-	142 C10H22	015869-94-0 64
3		Sulfurous acid, 2-ethylhexyl nonyl...	320 C17H36O3S	1000309-19-2 59
4		Heptane, 5-ethyl-2-methyl-	142 C10H22	013475-78-0 59
5		Undecane, 6,6-dimethyl-	184 C13H28	017312-76-4 59



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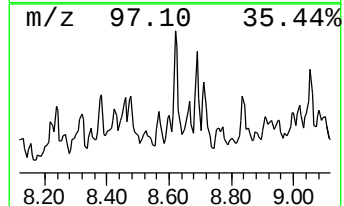
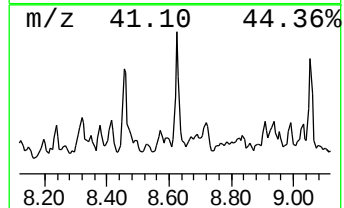
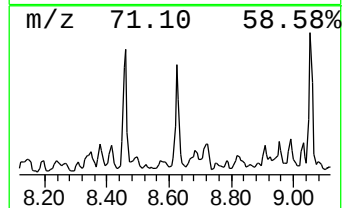
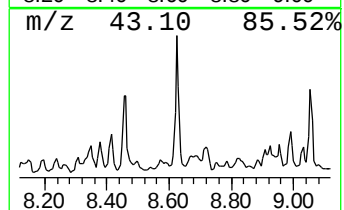
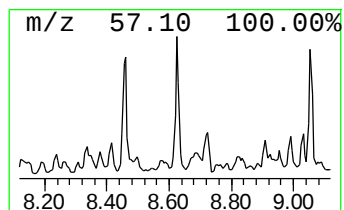
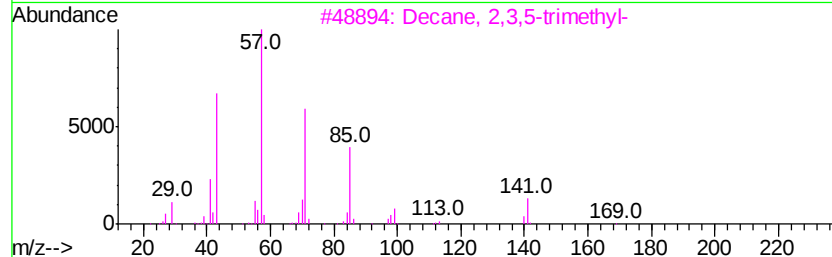
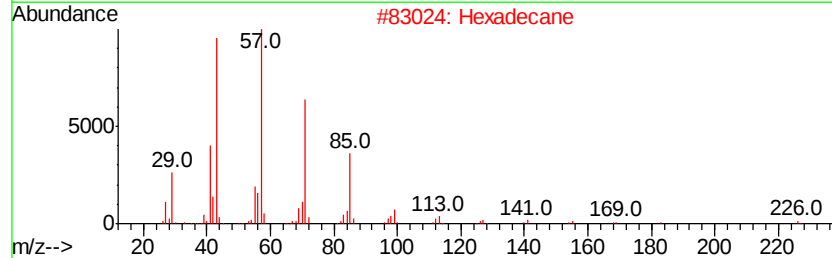
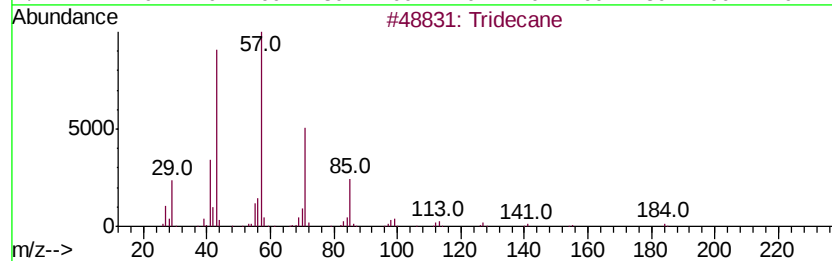
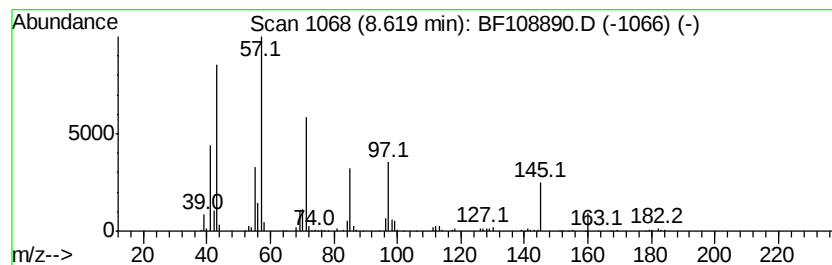
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 Tridecane Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.62	8.65 ng	996151	Naphthalene-d8	8.02

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tridecane	184	C13H28	000629-50-5	81
2		Hexadecane	226	C16H34	000544-76-3	68
3		Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	64
4		Tetradecane	198	C14H30	000629-59-4	64
5		Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	64



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091018\
Data File : BF108890.D
Acq On : 10 Sep 2018 14:02
Operator : JU/SJ
Sample : J4769-05 2X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
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ClientSampleId :
HR-05-090718-C

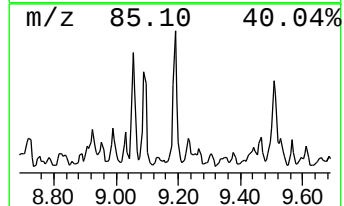
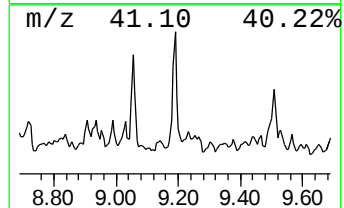
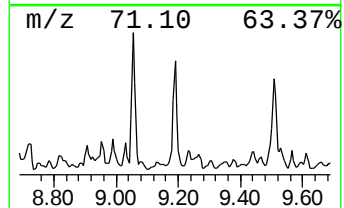
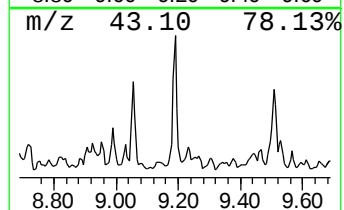
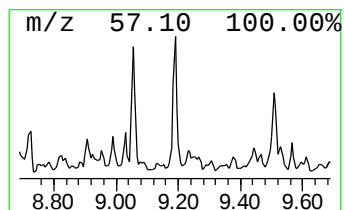
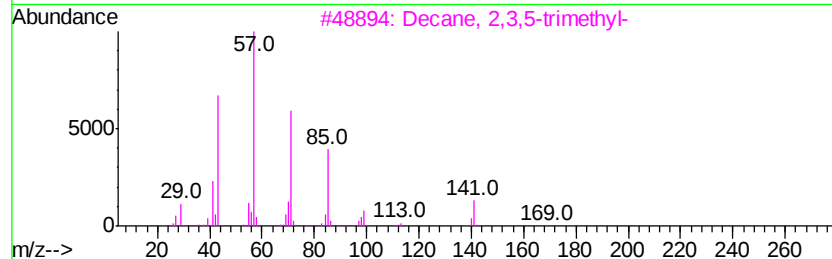
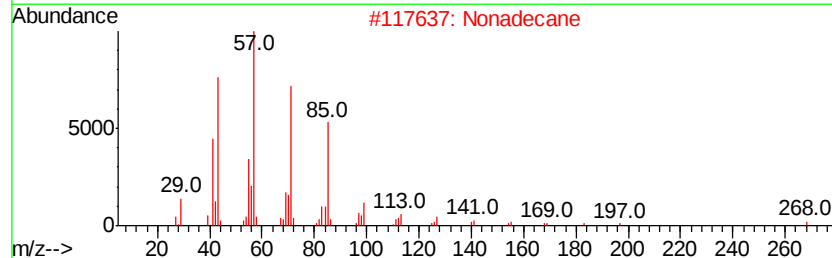
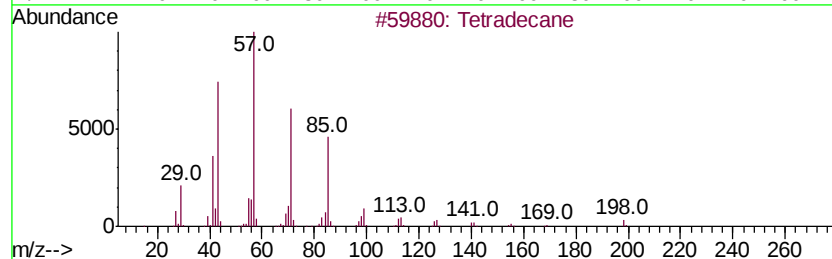
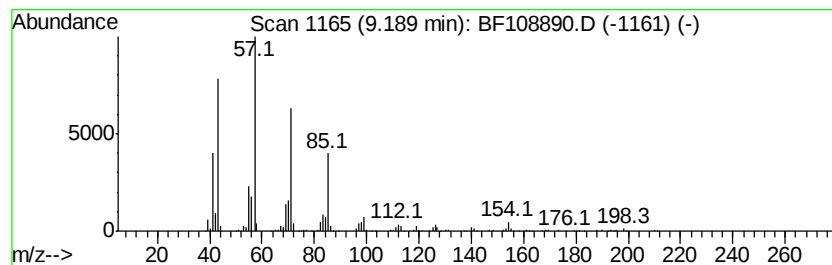
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Nonadecane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.19	11.78 ng	973524	Acenaphthene-d10	9.77

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Tetradecane	198	C14H30	000629-59-4	95
2		Nonadecane	268	C19H40	000629-92-5	91
3		Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	83
4		Octadecane	254	C18H38	000593-45-3	78
5		9-methylheptadecane	254	C18H38	026741-18-4	78



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091018\
Data File : BF108890.D
Acq On : 10 Sep 2018 14:02
Operator : JU/SJ
Sample : J4769-05 2X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
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ClientSampleId :
HR-05-090718-C

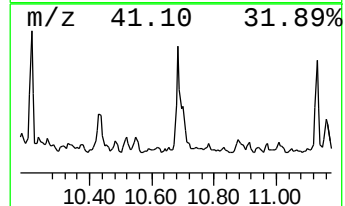
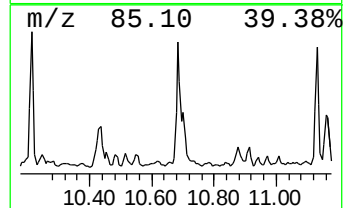
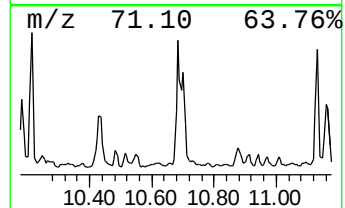
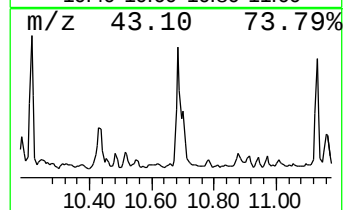
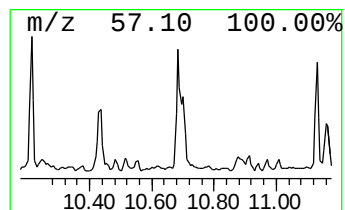
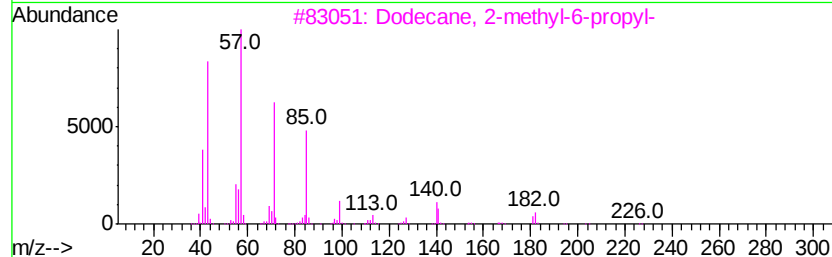
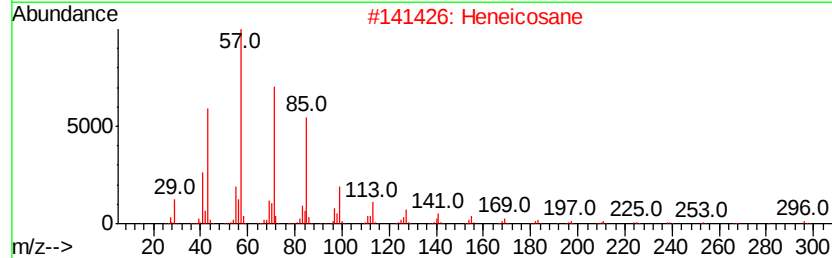
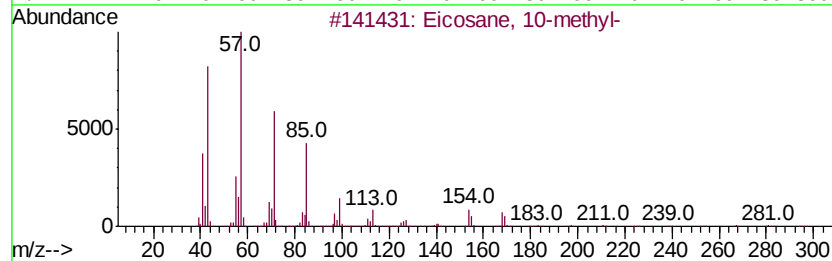
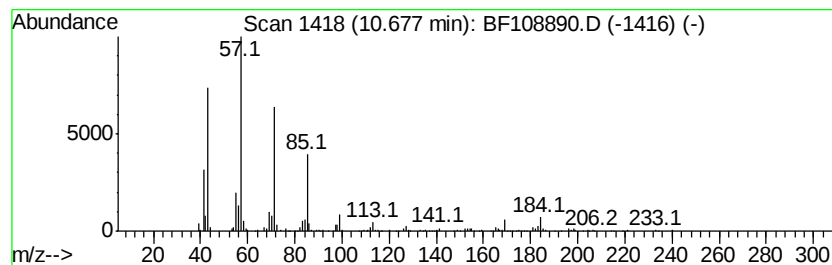
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Eicosane, 10-methyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD		R.T.
10.68	10.32 ng	621875	Phenanthrene-d10		11.24

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane, 10-methyl-			296	C21H44	054833-23-7	90
2	Heneicosane			296	C21H44	000629-94-7	90
3	Dodecane, 2-methyl-6-propyl-			226	C16H34	055045-08-4	86
4	Decane, 2,3,5-trimethyl-			184	C13H28	062238-11-3	86
5	Nonadecane			268	C19H40	000629-92-5	83



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091018\
Data File : BF108890.D
Acq On : 10 Sep 2018 14:02
Operator : JU/SJ
Sample : J4769-05 2X
Misc :
ALS Vial : 5 Sample Multiplier: 1

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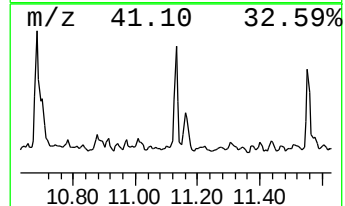
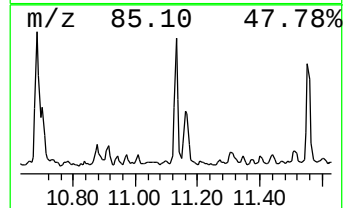
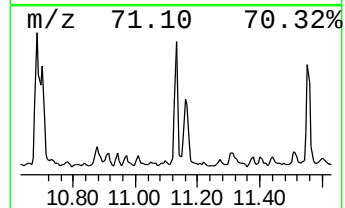
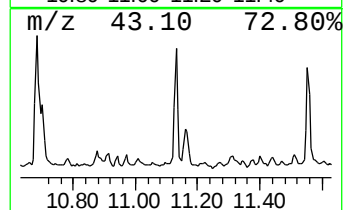
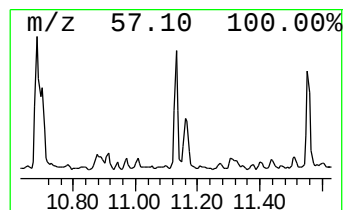
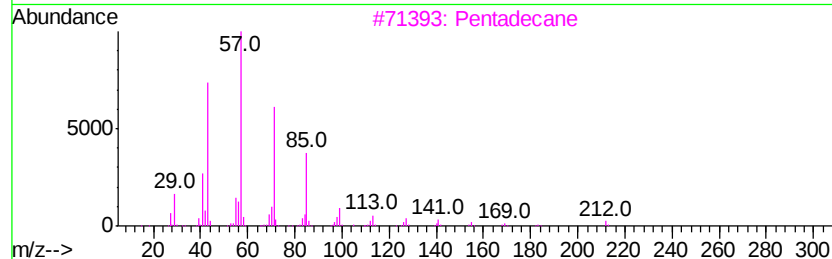
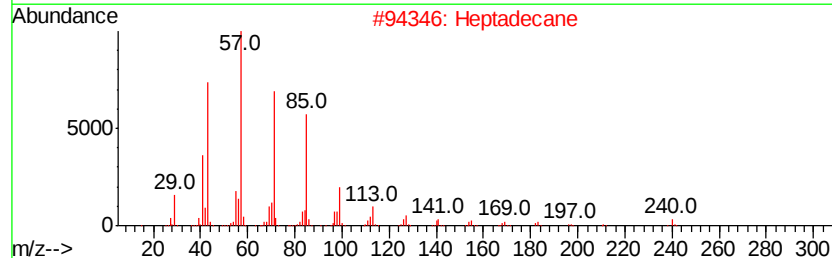
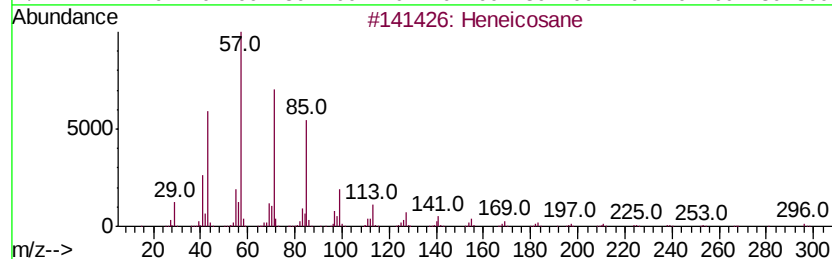
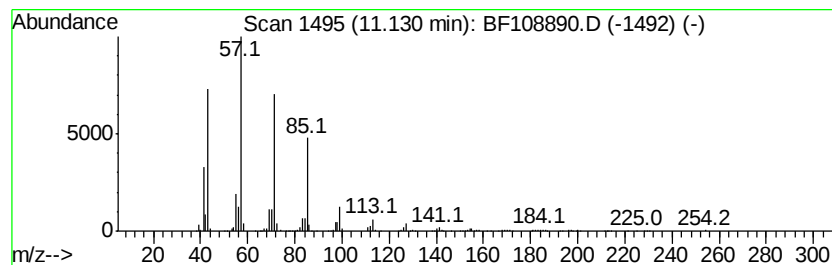
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Pentadecane Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.13	7.65 ng	461238	Phenanthrene-d10	11.24

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heneicosane	296	C21H44	000629-94-7	91
2		Heptadecane	240	C17H36	000629-78-7	91
3		Pentadecane	212	C15H32	000629-62-9	90
4		Tetradecane	198	C14H30	000629-59-4	87
5		Dodecane, 2-methyl-	184	C13H28	001560-97-0	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091018\
Data File : BF108890.D
Acq On : 10 Sep 2018 14:02
Operator : JU/SJ
Sample : J4769-05 2X
Misc :
ALS Vial : 5 Sample Multiplier: 1

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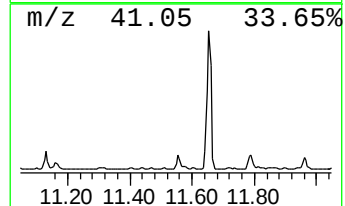
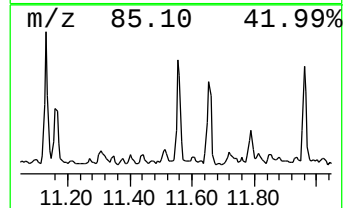
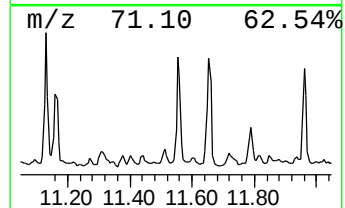
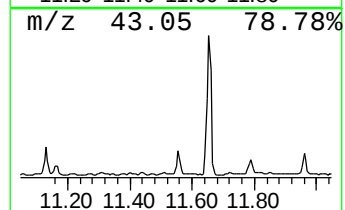
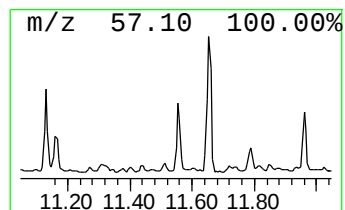
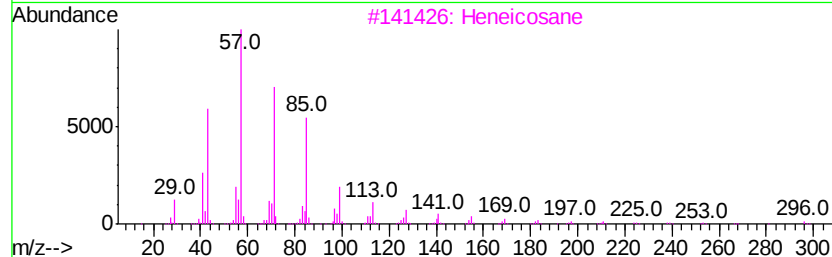
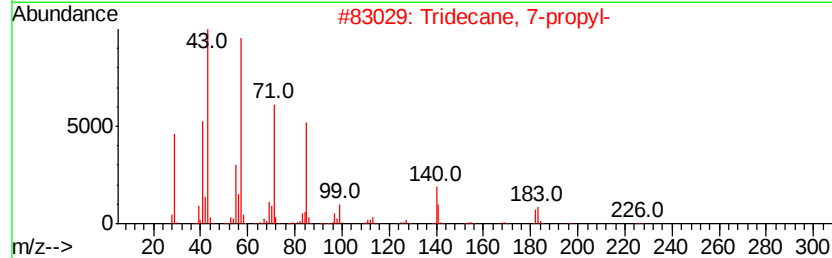
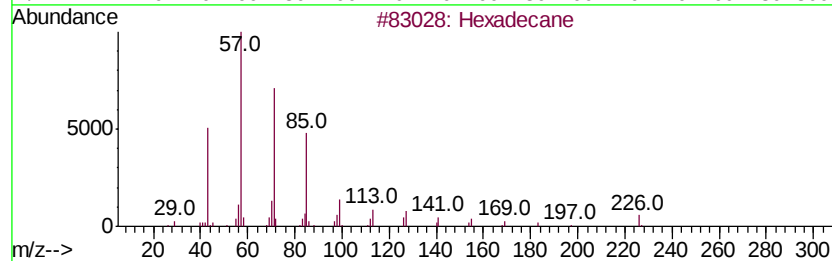
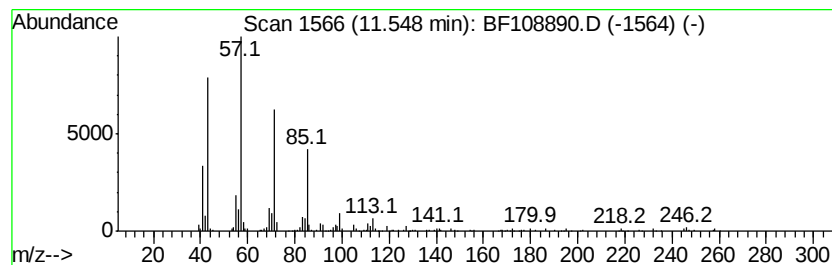
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Hexadecane Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.55	7.48 ng	450811	Phenanthrene-d10	11.24

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexadecane	226	C16H34	000544-76-3	94
2		Tridecane, 7-propyl-	226	C16H34	055045-09-5	93
3		Heneicosane	296	C21H44	000629-94-7	91
4		Heptacosane	380	C27H56	000593-49-7	91
5		Tridecane, 6-propyl-	226	C16H34	055045-10-8	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091018\
Data File : BF108890.D
Acq On : 10 Sep 2018 14:02
Operator : JU/SJ
Sample : J4769-05 2X
Misc :
ALS Vial : 5 Sample Multiplier: 1

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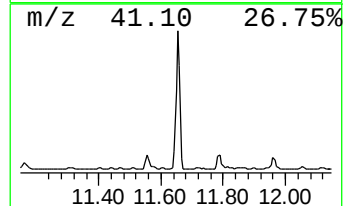
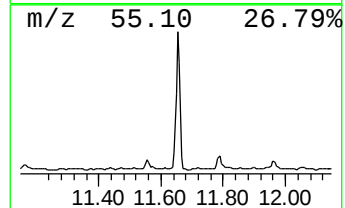
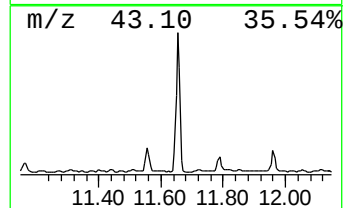
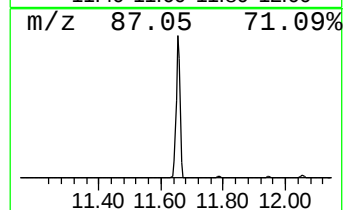
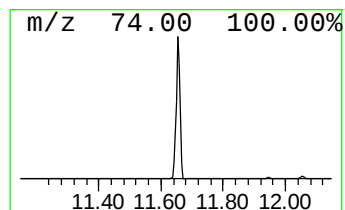
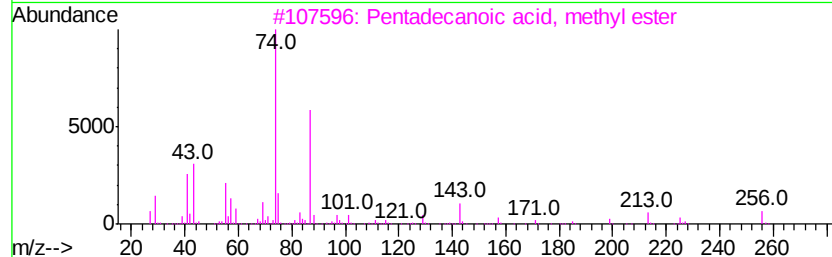
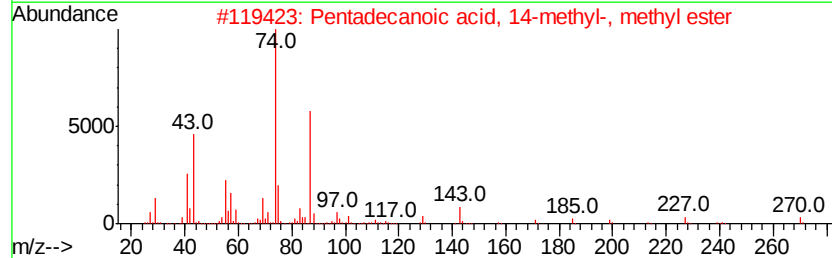
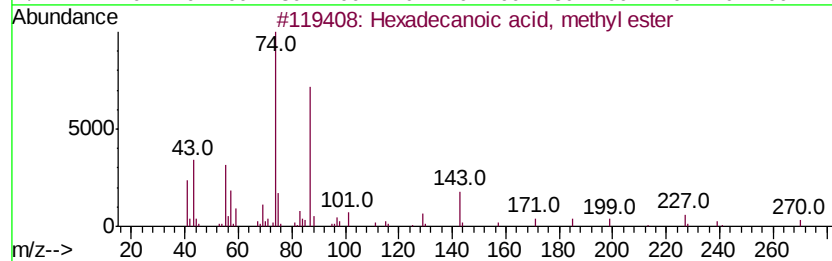
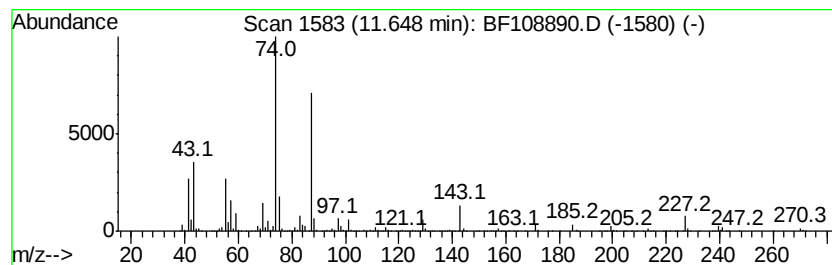
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Hexadecanoic acid, methyl e... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.65	93.44 ng	5630830	Phenanthrene-d10	11.24

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexadecanoic acid, methyl ester	270	C17H34O2	000112-39-0	98
2		Pentadecanoic acid, 14-methyl-, ...	270	C17H34O2	005129-60-2	93
3		Pentadecanoic acid, methyl ester	256	C16H32O2	007132-64-1	86
4		Hexadecanoic acid, 15-methyl-, m...	284	C18H36O2	006929-04-0	83
5		Methyl tetradecanoate	242	C15H30O2	000124-10-7	80



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091018\
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Sample : J4769-05 2X
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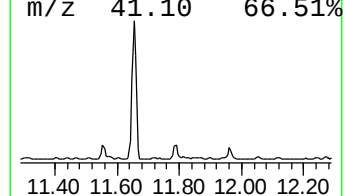
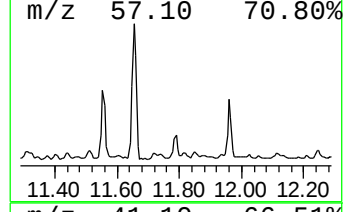
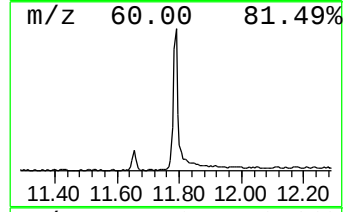
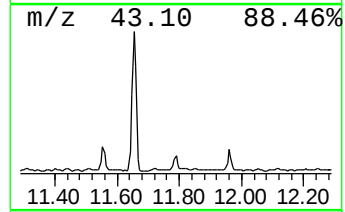
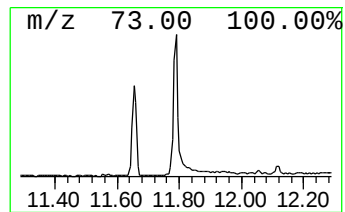
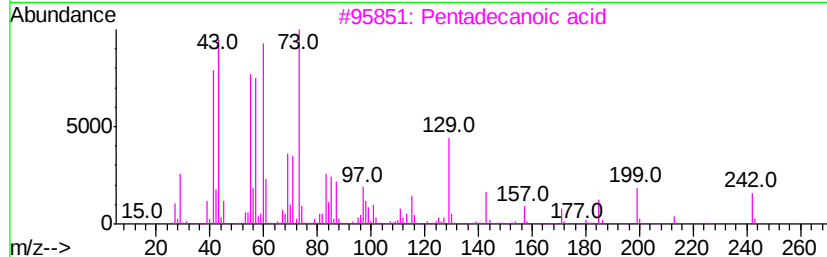
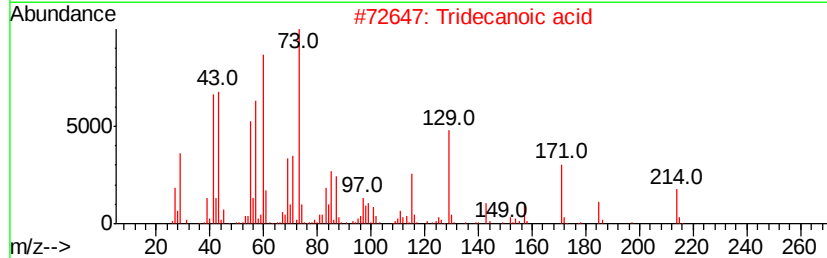
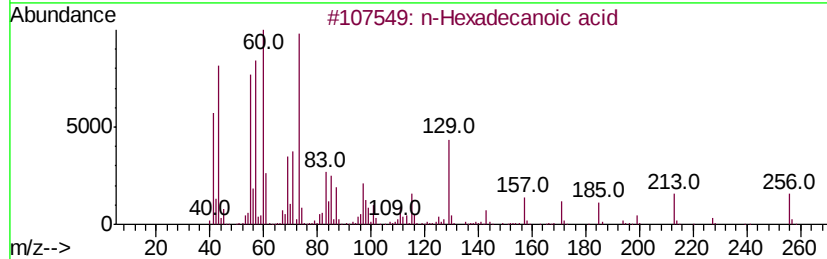
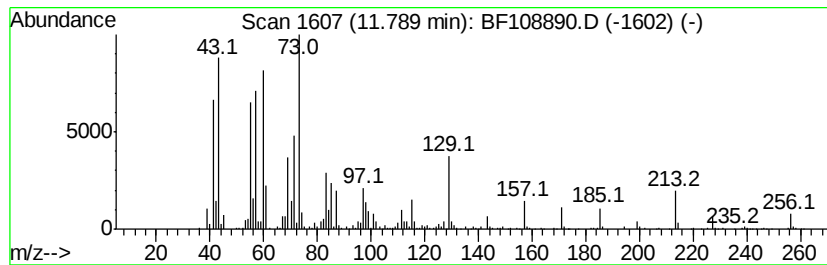
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 n-Hexadecanoic acid Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD		R.T.
11.79	8.56 ng	515970	Phenanthrene-d10		11.24
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	Tridecanoic acid	214	C13H26O2	000638-53-9	93
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	87
4	Oxalic acid, dodecyl propyl ester	300	C17H32O4	1000309-26-5	25
5	Dodecanoic acid	200	C12H24O2	000143-07-7	25



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091018\
Data File : BF108890.D
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ClientSampleId :
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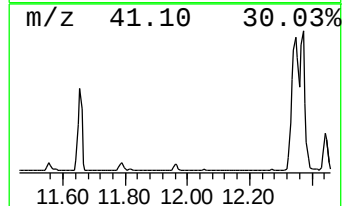
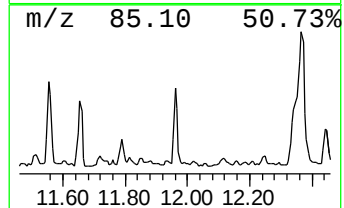
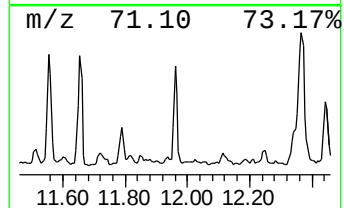
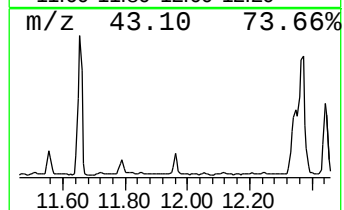
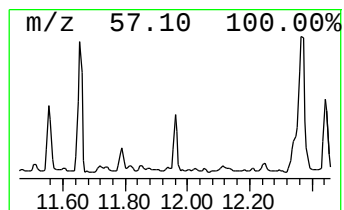
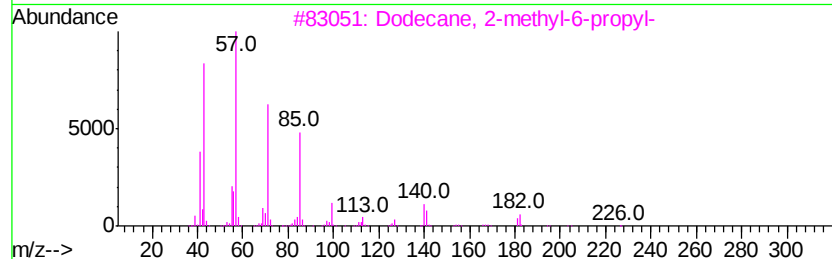
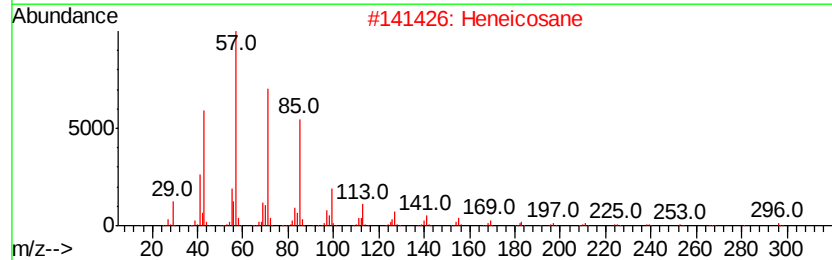
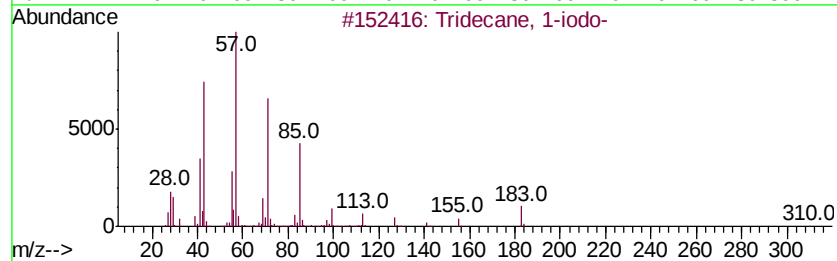
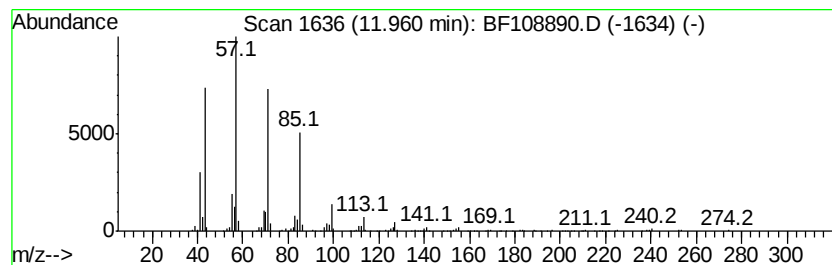
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Dodecane, 2-methyl-6-propyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.96	6.94 ng	418367	Phenanthrene-d10	11.24

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	90
2		Heneicosane	296	C21H44	000629-94-7	90
3		Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	90
4		Dodecane, 1-iodo-	296	C12H25I	004292-19-7	86
5		Tetracosane	338	C24H50	000646-31-1	86



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091018\
Data File : BF108890.D
Acq On : 10 Sep 2018 14:02
Operator : JU/SJ
Sample : J4769-05 2X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HR-05-090718-C

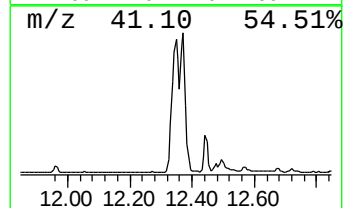
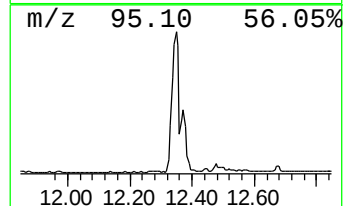
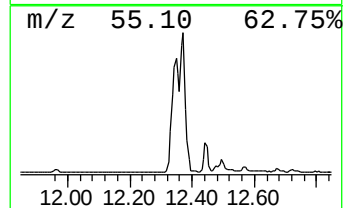
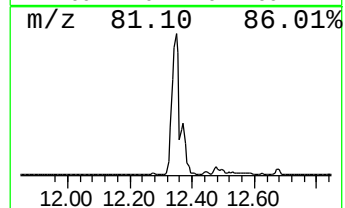
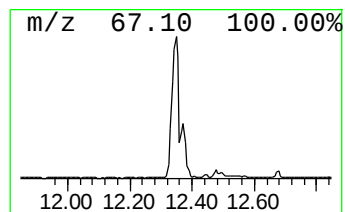
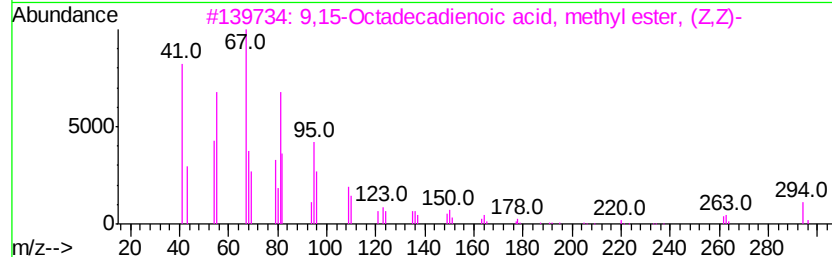
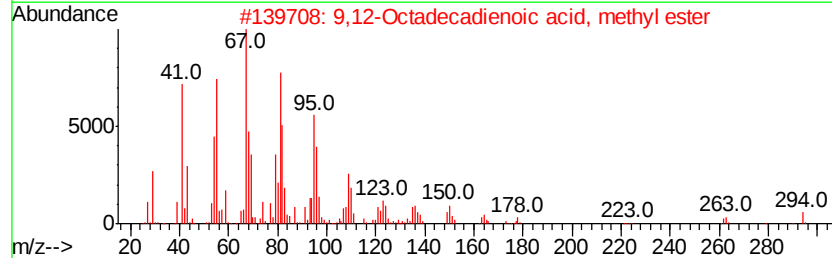
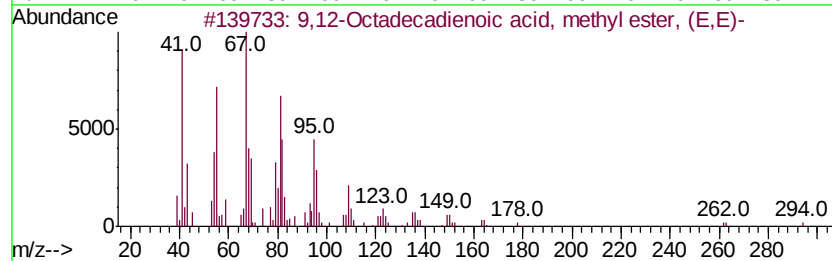
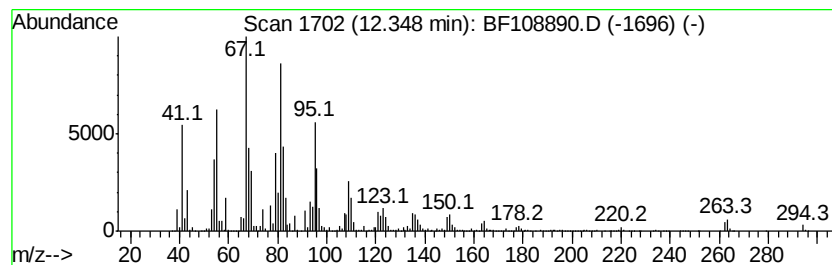
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 9,12-Octadecadienoic acid, ... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.35	273.43 ng	16476900	Phenanthrene-d10	11.24

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	9,12-Octadecadienoic acid, methy...	294	C19H34O2	002566-97-4	99
2		9,12-Octadecadienoic acid, methy...	294	C19H34O2	002462-85-3	99
3		9,15-Octadecadienoic acid, methy...	294	C19H34O2	017309-05-6	99
4		Methyl 10-trans,12-cis-octadecad...	294	C19H34O2	1000336-44-2	98
5		10,13-Octadecadienoic acid, meth...	294	C19H34O2	056554-62-2	98



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091018\
Data File : BF108890.D
Acq On : 10 Sep 2018 14:02
Operator : JU/SJ
Sample : J4769-05 2X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HR-05-090718-C

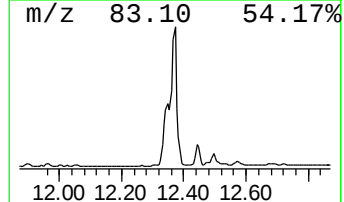
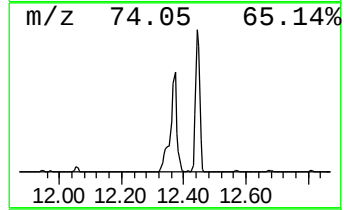
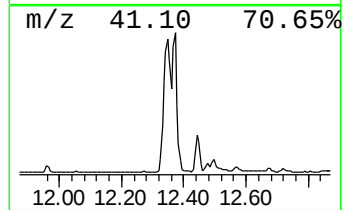
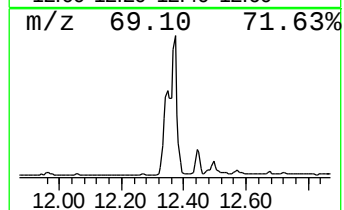
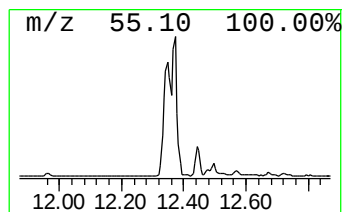
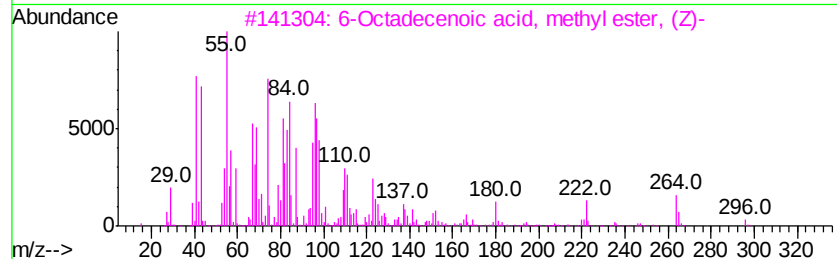
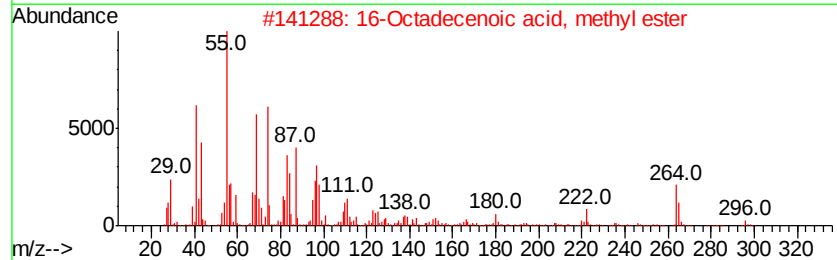
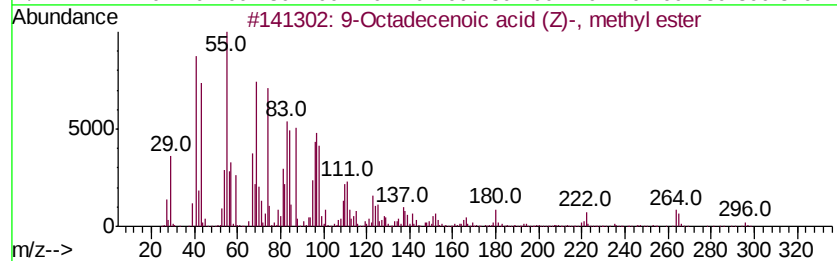
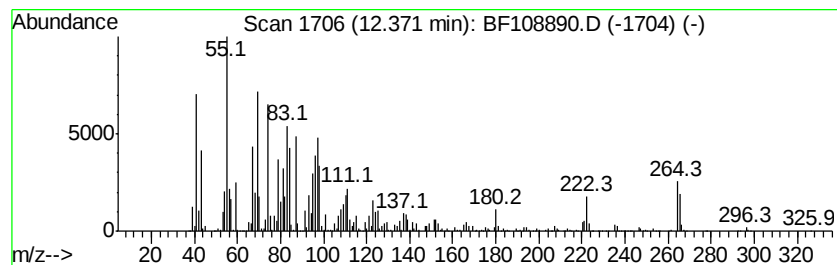
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 9-Octadecenoic acid (Z)-, m... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.37	167.25 ng	10078700	Phenanthrene-d10	11.24

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	9-Octadecenoic acid (Z)-, methyl...	296	C19H36O2	000112-62-9	99
2		16-Octadecenoic acid, methyl ester	296	C19H36O2	056554-49-5	99
3		6-Octadecenoic acid, methyl ester...	296	C19H36O2	002777-58-4	99
4		13-Octadecenoic acid, methyl ester	296	C19H36O2	056554-47-3	98
5		11-Octadecenoic acid, methyl ester	296	C19H36O2	052380-33-3	97



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091018\
Data File : BF108890.D
Acq On : 10 Sep 2018 14:02
Operator : JU/SJ
Sample : J4769-05 2X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
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ClientSampleId :
HR-05-090718-C

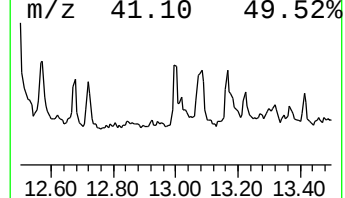
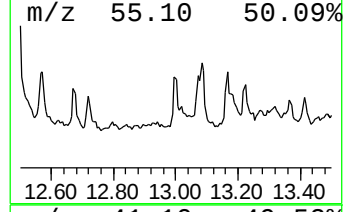
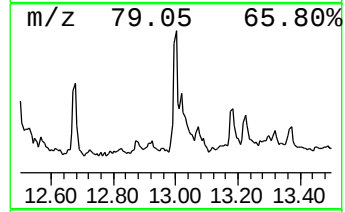
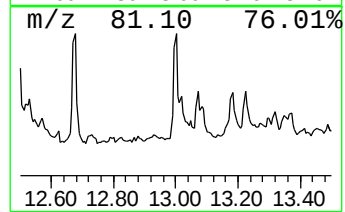
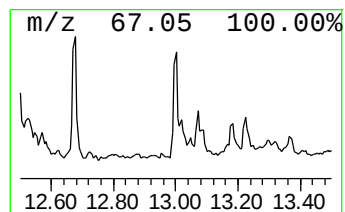
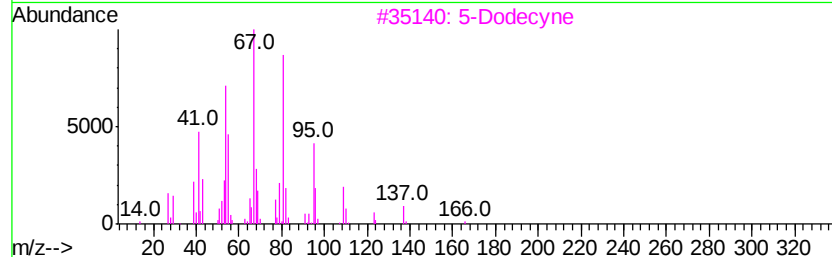
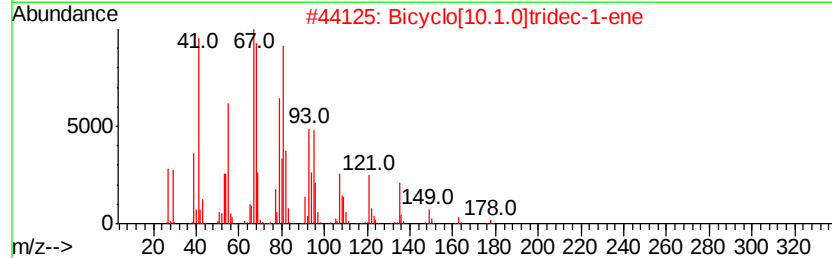
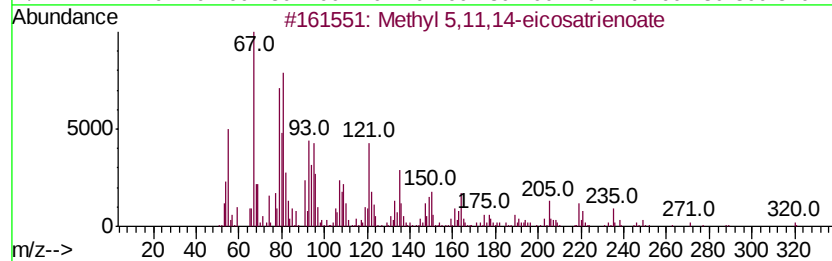
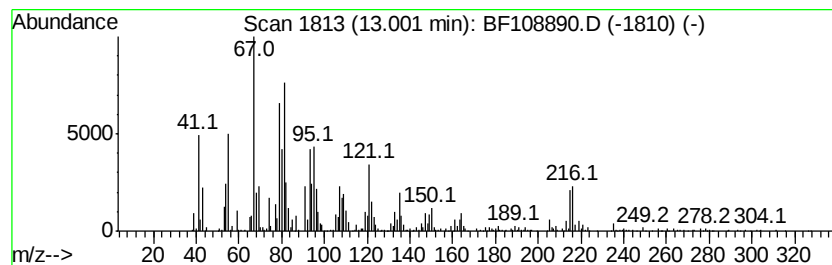
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Methyl 5,11,14-eicosatrienoate Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.00	8.15 ng	657577	Chrysene-d12	13.87

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Methyl 5,11,14-eicosatrienoate	320	C21H36O2	1000336-40-2	91
2		Bicyclo[10.1.0]tridec-1-ene	178	C13H22	054766-91-5	76
3		5-Dodecyne	166	C12H22	019780-12-2	64
4		5-Octadecyne	250	C18H34	071899-42-8	46
5		7-Hexadecyne	222	C16H30	074685-28-2	46



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091018\
Data File : BF108890.D
Acq On : 10 Sep 2018 14:02
Operator : JU/SJ
Sample : J4769-05 2X
Misc :
ALS Vial : 5 Sample Multiplier: 1

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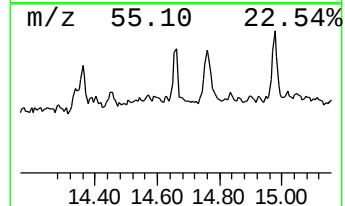
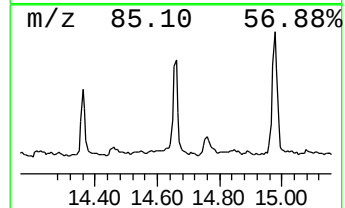
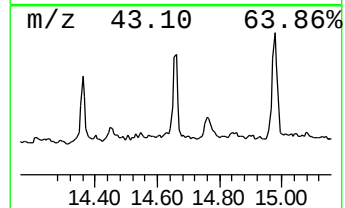
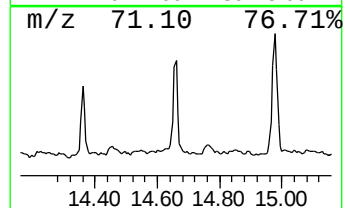
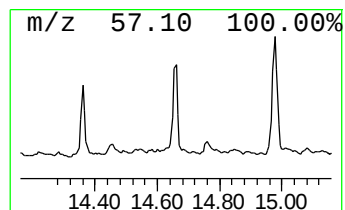
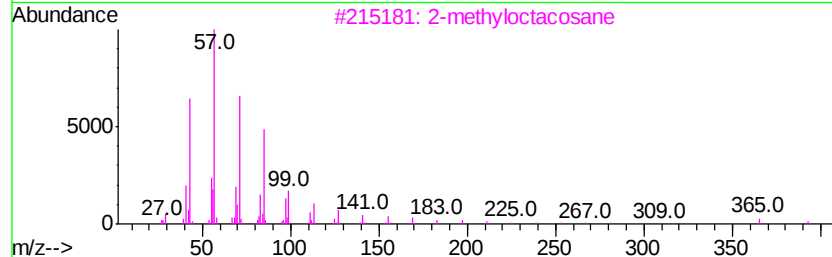
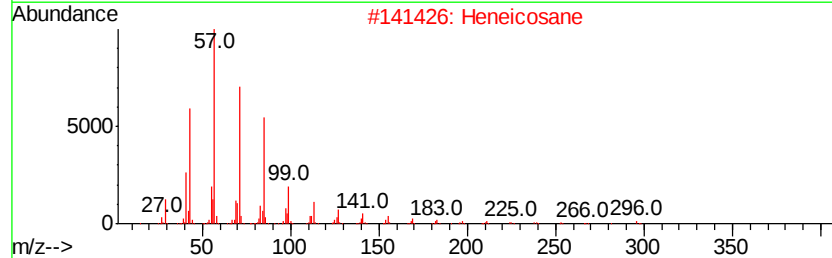
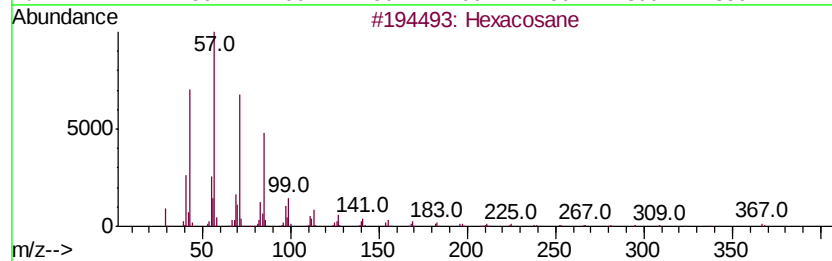
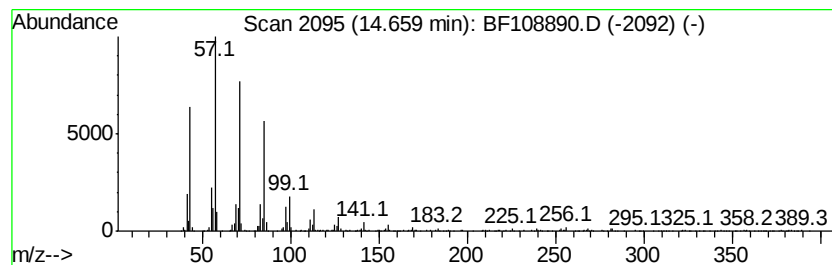
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 Hexacosane Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.66	9.48 ng	521297	Perylene-d12	15.28

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexacosane	366	C26H54	000630-01-3	91
2		Heneicosane	296	C21H44	000629-94-7	91
3		2-methyloctacosane	408	C29H60	1000376-72-8	91
4		Tridecane, 6-propyl-	226	C16H34	055045-10-8	87
5		Octadecane	254	C18H38	000593-45-3	83



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091018\
Data File : BF108890.D
Acq On : 10 Sep 2018 14:02
Operator : JU/SJ
Sample : J4769-05 2X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HR-05-090718-C

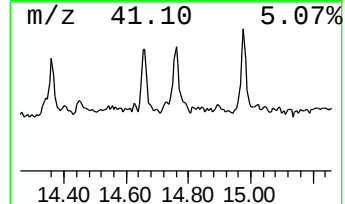
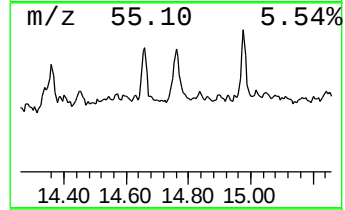
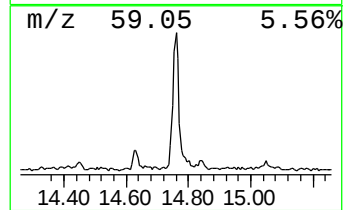
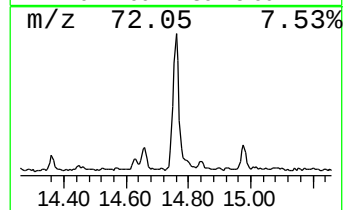
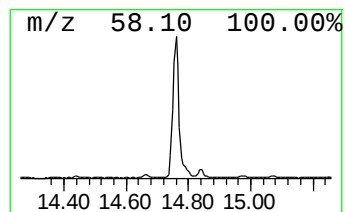
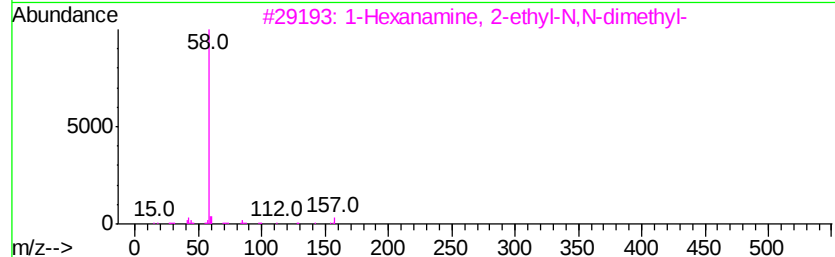
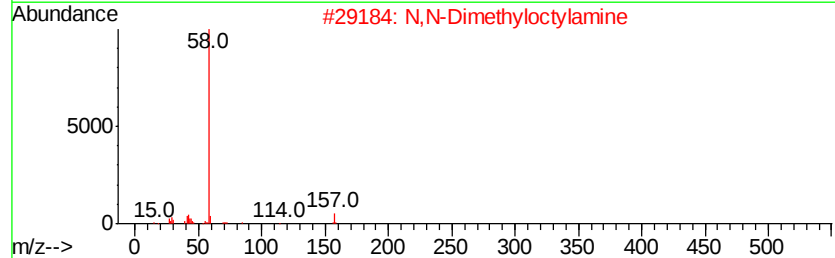
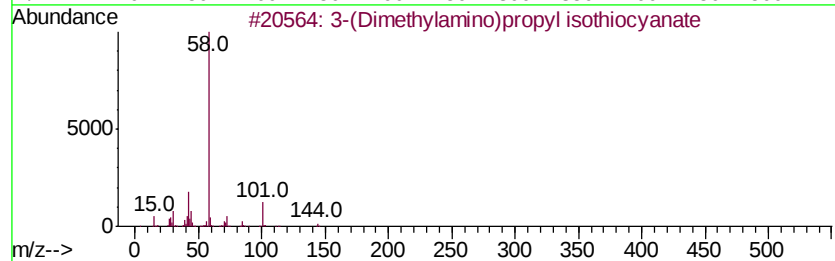
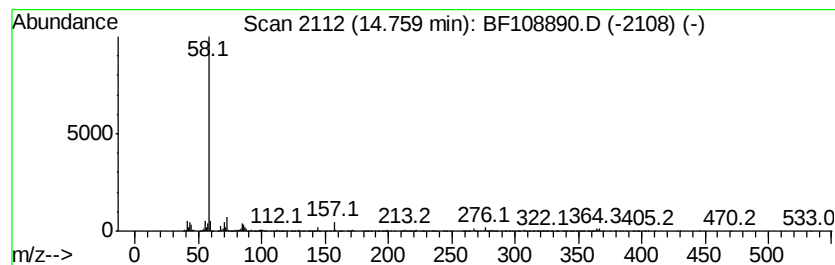
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 3-(Dimethylamino)propyl iso... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.76	17.13 ng	941529	Perylene-d12	15.28

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-(Dimethylamino)propyl isothioc...	144	C6H12N2S	027421-70-1	72
2		N,N-Dimethyloctylamine	157	C10H23N	007378-99-6	72
3		1-Hexanamine, 2-ethyl-N,N-dimethyl-	157	C10H23N	028056-87-3	72
4		Trifluomeprazine	366	C19H21F3N2S	002622-37-9	64
5		Iron, bis(chloro)-bis(tetramethy...	358	C12H32Cl2FeN4	1000163-25-7	64



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091018\
Data File : BF108890.D
Acq On : 10 Sep 2018 14:02
Operator : JU/SJ
Sample : J4769-05 2X
Misc :
ALS Vial : 5 Sample Multiplier: 1

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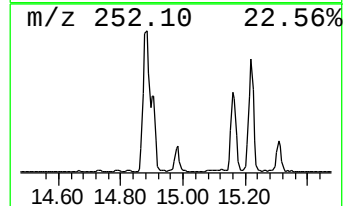
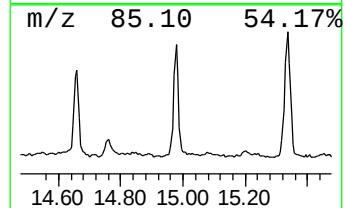
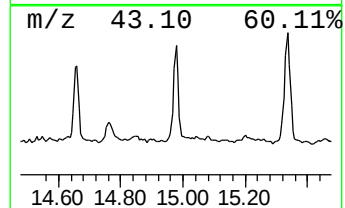
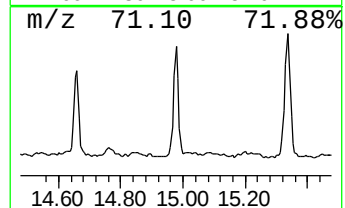
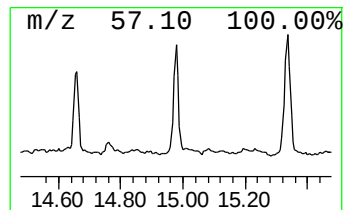
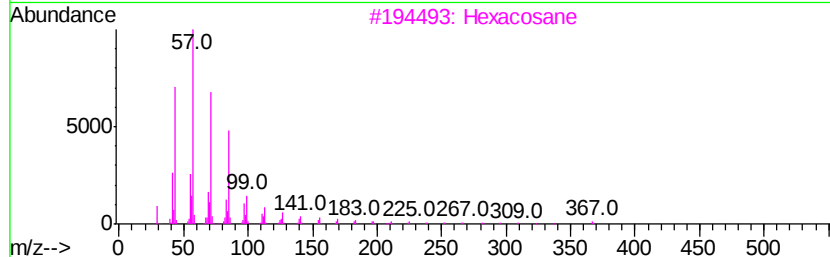
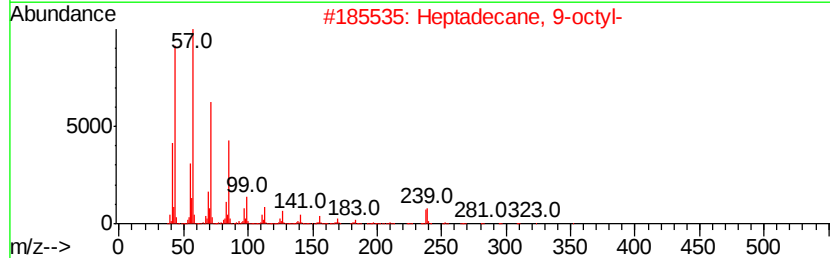
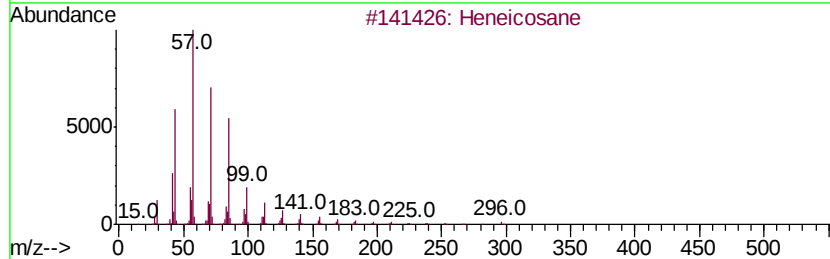
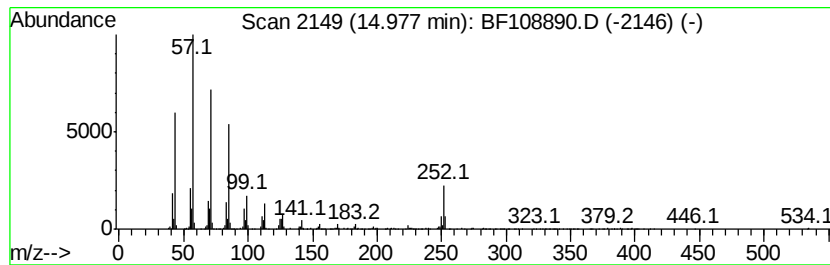
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 Heneicosane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.98	12.20 ng	670559	Perylene-d12	15.28

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heneicosane	296	C21H44	000629-94-7	95
2		Heptadecane, 9-octyl-	352	C25H52	007225-64-1	90
3		Hexacosane	366	C26H54	000630-01-3	81
4		Eicosane, 7-hexyl-	366	C26H54	055333-99-8	72
5		Octadecane	254	C18H38	000593-45-3	68



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091018\
Data File : BF108890.D
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Misc :
ALS Vial : 5 Sample Multiplier: 1

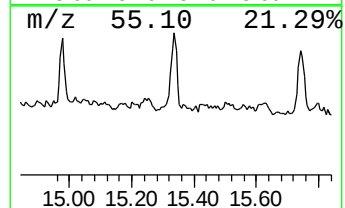
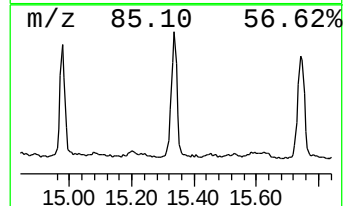
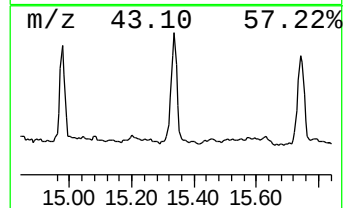
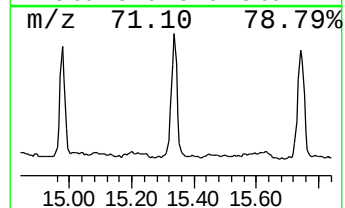
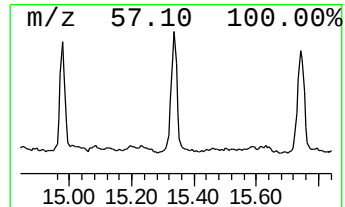
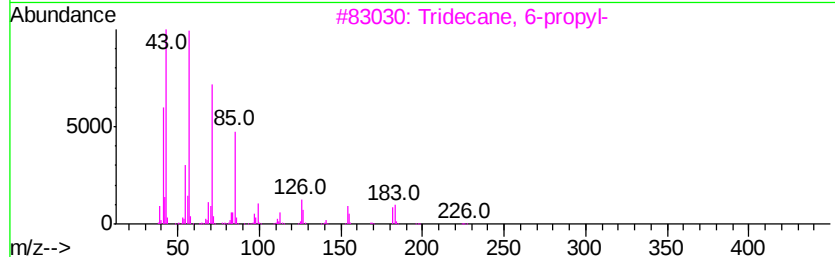
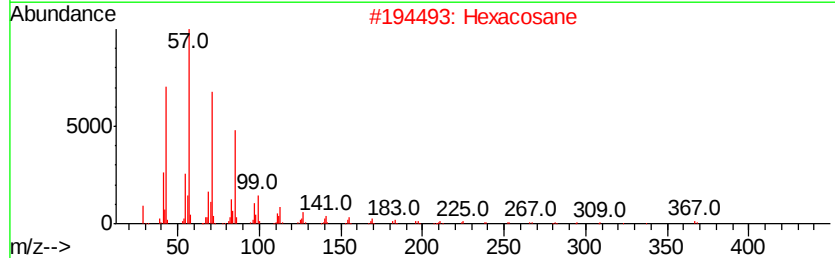
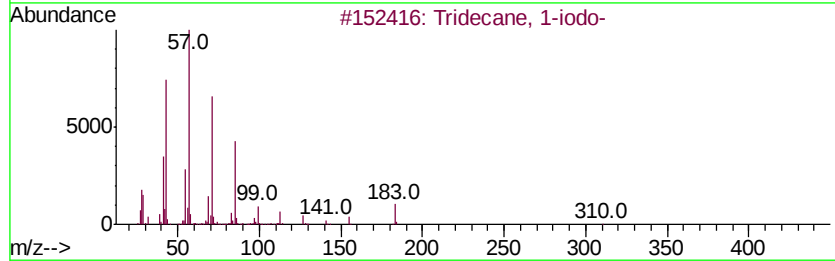
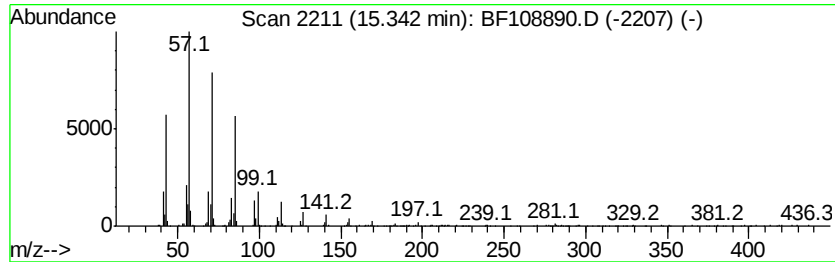
Instrument :
BNA_F
ClientSampleId :
HR-05-090718-C

Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF090518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 Tridecane, 1-iodo- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.34	14.30 ng	785667	Perylene-d12	15.28
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Tridecane, 1-iodo-	310 C13H27I	035599-77-0 93
2		Hexacosane	366 C26H54	000630-01-3 90
3		Tridecane, 6-propyl-	226 C16H34	055045-10-8 87
4		Nonadecane	268 C19H40	000629-92-5 86
5		Octadecane, 2-methyl-	268 C19H40	001560-88-9 81



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091018\
Data File : BF108890.D
Acq On : 10 Sep 2018 14:02
Operator : JU/SJ
Sample : J4769-05 2X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HR-05-090718-C

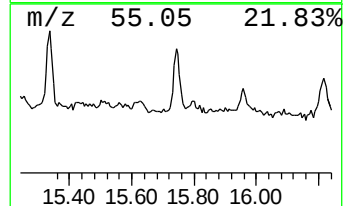
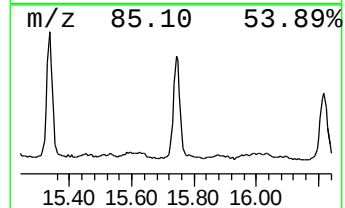
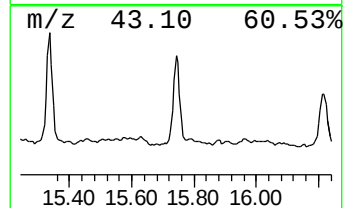
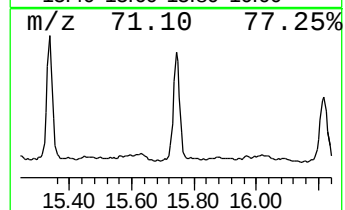
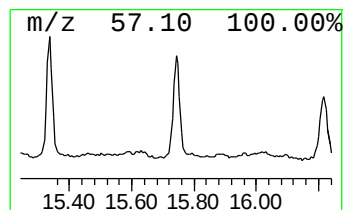
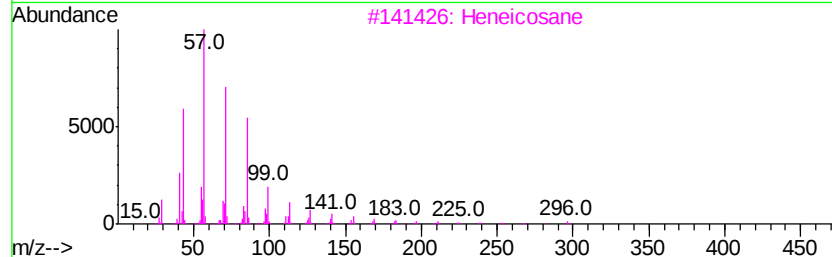
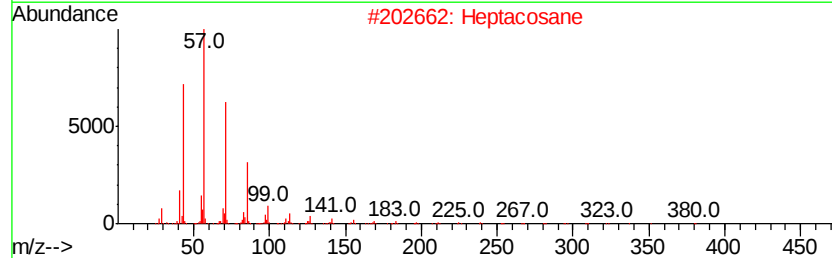
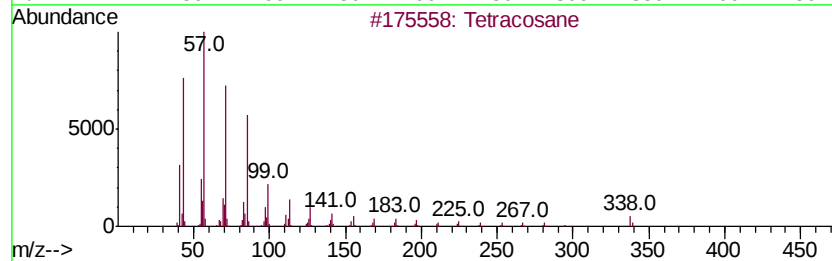
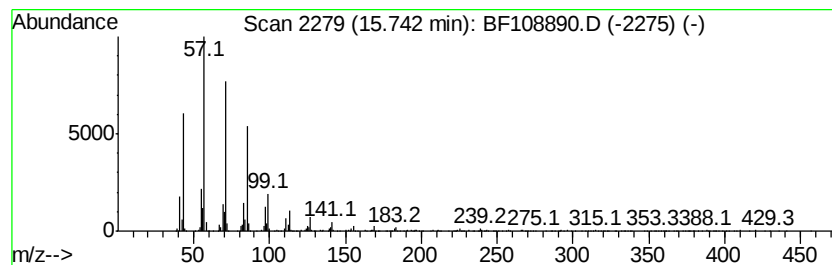
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 Tetracosane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.74	15.54 ng	854126	Perylene-d12	15.28

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tetracosane	338	C24H50	000646-31-1	97
2			Heptacosane	380	C27H56	000593-49-7	91
3			Heneicosane	296	C21H44	000629-94-7	91
4			Eicosane	282	C20H42	000112-95-8	90
5			Hexacosane	366	C26H54	000630-01-3	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091018\
Data File : BF108890.D
Acq On : 10 Sep 2018 14:02
Operator : JU/SJ
Sample : J4769-05 2X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HR-05-090718-C

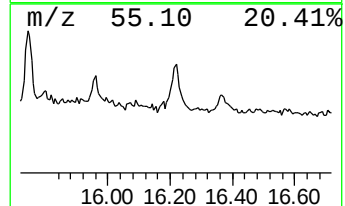
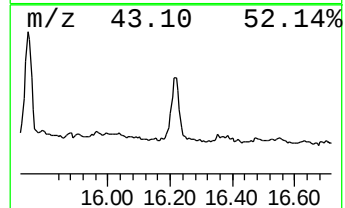
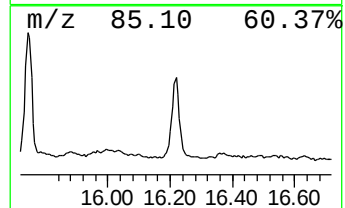
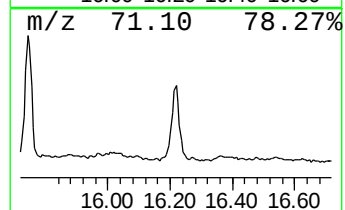
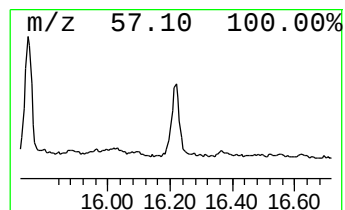
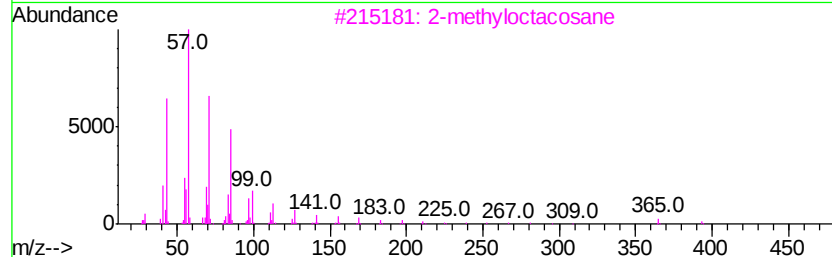
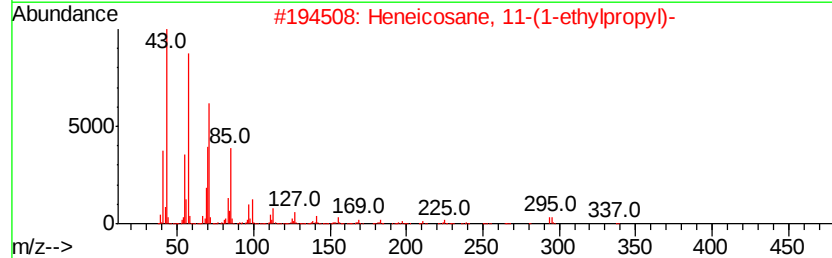
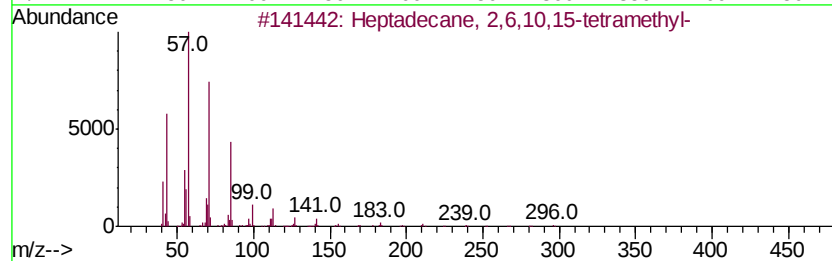
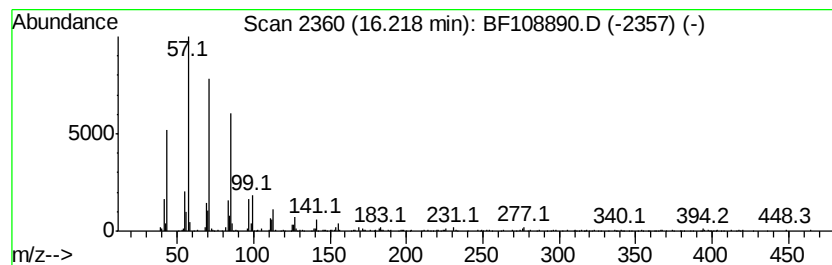
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 Heptadecane, 2,6,10,15-tetr... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.22	11.61 ng	638237	Perylene-d12	15.28

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	93
2		Heneicosane, 11-(1-ethylpropyl)-	366	C26H54	055282-11-6	90
3		2-methyloctacosane	408	C29H60	1000376-72-8	90
4		Heptadecane	240	C17H36	000629-78-7	86
5		6,6-Diethylhoctadecane	310	C22H46	1000360-41-8	83



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF091018\
 Data File : BF108890.D
 Acq On : 10 Sep 2018 14:02
 Operator : JU/SJ
 Sample : J4769-05 2X
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HR-05-090718-C

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF090518.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
unknown6.50	6.50	32.0	ng	1862090	1	6.74	1161940	20.0
Octane, 2,6-dimet...	8.46	9.0	ng	1040780	2	8.02	2302620	20.0
Tridecane	8.62	8.7	ng	996151	2	8.02	2302620	20.0
Nonadecane	9.19	11.8	ng	973524	3	9.77	1652670	20.0
Eicosane, 10-methyl-	10.68	10.3	ng	621875	4	11.24	1205220	20.0
Pentadecane	11.13	7.7	ng	461238	4	11.24	1205220	20.0
Hexadecane	11.55	7.5	ng	450811	4	11.24	1205220	20.0
Hexadecanoic acid...	11.65	93.4	ng	5630830	4	11.24	1205220	20.0
n-Hexadecanoic acid	11.79	8.6	ng	515970	4	11.24	1205220	20.0
Dodecane, 2-methy...	11.96	6.9	ng	418367	4	11.24	1205220	20.0
9,12-Octadecadien...	12.35	273.4	ng	16476900	4	11.24	1205220	20.0
9-Octadecenoic ac...	12.37	167.3	ng	10078700	4	11.24	1205220	20.0
Methyl 5,11,14-ei...	13.00	8.2	ng	657577	5	13.87	1613320	20.0
Hexacosane	14.66	9.5	ng	521297	6	15.28	1099220	20.0
3-(Dimethylamino)...	14.76	17.1	ng	941529	6	15.28	1099220	20.0
Heneicosane	14.98	12.2	ng	670559	6	15.28	1099220	20.0
Tridecane, 1-iodo-	15.34	14.3	ng	785667	6	15.28	1099220	20.0
Tetracosane	15.74	15.5	ng	854126	6	15.28	1099220	20.0
Heptadecane, 2,6,...	16.22	11.6	ng	638237	6	15.28	1099220	20.0