

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF010820\
 Data File : BF118505.D
 Acq On : 8 Jan 2020 18:25
 Operator : JU
 Sample : L1016-01
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SU-02-010720

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-BF010820.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	5.022	495	499	507	rBV	115498	132015	2.08%	0.263%
2	5.439	567	570	589	rVB	625604	726110	11.44%	1.449%
3	6.463	741	744	757	rBV	884220	830700	13.09%	1.658%
4	6.598	763	767	773	rVB	1098497	897667	14.14%	1.791%
5	6.828	802	806	813	rBV	1051967	907980	14.30%	1.812%
6	6.981	827	832	839	rBV	912325	774651	12.20%	1.546%
7	7.392	899	902	905	rBV	579732	481262	7.58%	0.960%
8	7.422	905	907	910	rVB	95827	73963	1.17%	0.148%
9	8.092	1018	1021	1022	rBV	174851	146735	2.31%	0.293%
10	8.116	1022	1025	1027	rVV	1364091	1102942	17.37%	2.201%
11	8.133	1027	1028	1031	rVV	151887	123767	1.95%	0.247%
12	8.169	1031	1034	1037	rVB3	66545	78986	1.24%	0.158%
13	8.404	1069	1074	1078	rBV5	72111	102352	1.61%	0.204%
14	8.616	1107	1110	1113	rBV2	125984	109740	1.73%	0.219%
15	8.704	1122	1125	1129	rBV2	219716	195278	3.08%	0.390%
16	8.827	1144	1146	1149	rVB	107267	92710	1.46%	0.185%
17	8.933	1159	1164	1167	rBV2	156987	182269	2.87%	0.364%
18	9.063	1183	1186	1192	rBV5	58513	94086	1.48%	0.188%
19	9.133	1195	1198	1200	rVV2	90566	74750	1.18%	0.149%
20	9.192	1204	1208	1212	rVB	1442915	1127686	17.76%	2.250%
21	9.269	1217	1221	1224	rBV	311865	269654	4.25%	0.538%
22	9.345	1231	1234	1236	rVB	78261	70279	1.11%	0.140%
23	9.463	1249	1254	1258	rVB3	69635	100672	1.59%	0.201%
24	9.533	1263	1266	1269	rVV3	81150	104441	1.65%	0.208%
25	9.592	1272	1276	1278	rVV3	115661	121856	1.92%	0.243%
26	9.651	1283	1286	1288	rBV2	96597	74150	1.17%	0.148%
27	9.798	1308	1311	1316	rBV	264293	215750	3.40%	0.431%
28	9.874	1319	1324	1327	rVV	1232886	1116416	17.59%	2.228%
29	9.922	1327	1332	1334	rBV	2838807	2593309	40.85%	5.175%
30	10.080	1357	1359	1363	rVB2	167264	167694	2.64%	0.335%
31	10.122	1363	1366	1370	rBV3	95385	105735	1.67%	0.211%
32	10.192	1375	1378	1381	rBV4	62533	91248	1.44%	0.182%
33	10.304	1390	1397	1400	rBV	264678	293051	4.62%	0.585%
34	10.427	1415	1418	1425	rVB	187033	178266	2.81%	0.356%

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35	10.521	1430	1434	1439	rVB2	93830	142373	2.24%	0.284%
36	10.669	1456	1459	1464	rBV	642746	553964	8.73%	1.105%
37	10.774	1474	1477	1482	rBV	280758	317394	5.00%	0.633%
38	10.886	1492	1496	1499	rVB	1279381	1075488	16.94%	2.146%
39	10.980	1507	1512	1514	rBV3	56419	91304	1.44%	0.182%
40	11.104	1528	1533	1535	rBV5	45527	73700	1.16%	0.147%
41	11.227	1550	1554	1556	rBV2	240583	207889	3.27%	0.415%
42	11.257	1556	1559	1565	rVB2	109311	182293	2.87%	0.364%
43	11.374	1575	1579	1581	rBV	1116484	1083217	17.06%	2.161%
44	11.398	1581	1583	1586	rVV	1082016	837013	13.19%	1.670%
45	11.451	1588	1592	1595	rVV	268805	281507	4.43%	0.562%
46	11.486	1595	1598	1603	rVB4	38297	71754	1.13%	0.143%
47	11.610	1615	1619	1624	rBV2	85956	124079	1.95%	0.248%
48	11.657	1624	1627	1629	rBV2	177180	162460	2.56%	0.324%
49	11.757	1640	1644	1647	rBV	2241860	1766255	27.82%	3.524%
50	11.874	1661	1664	1666	rBV	178896	190366	3.00%	0.380%
51	11.898	1666	1668	1675	rVV2	521172	582565	9.18%	1.162%
52	11.951	1675	1677	1680	rVV	126904	114863	1.81%	0.229%
53	11.986	1680	1683	1686	rVV	276488	310934	4.90%	0.620%
54	12.010	1686	1687	1692	rVB	122380	78587	1.24%	0.157%
55	12.063	1692	1696	1702	rVB	190608	190372	3.00%	0.380%
56	12.168	1711	1714	1718	rVB2	108024	97040	1.53%	0.194%
57	12.451	1755	1762	1764	rBV	4457357	4954983	78.06%	9.887%
58	12.474	1764	1766	1772	rVV	6248211	6348002	100.00%	12.667%
59	12.521	1772	1774	1776	rVB2	88289	70793	1.12%	0.141%
60	12.551	1776	1779	1782	rVB	848409	671236	10.57%	1.339%
61	12.592	1782	1786	1791	rBV	1583569	1692635	26.66%	3.377%
62	12.692	1796	1803	1809	rBV	755959	938734	14.79%	1.873%
63	12.792	1817	1820	1821	rBV	109454	120352	1.90%	0.240%
64	12.827	1821	1826	1829	rVV	1497830	1437738	22.65%	2.869%
65	12.874	1832	1834	1838	rVB2	71273	83070	1.31%	0.166%
66	12.963	1844	1849	1852	rVB	1073100	933085	14.70%	1.862%
67	12.992	1852	1854	1859	rVB	69031	70836	1.12%	0.141%
68	13.051	1859	1864	1866	rBV2	91715	170726	2.69%	0.341%
69	13.115	1872	1875	1876	rBV	128763	107985	1.70%	0.215%
70	13.157	1879	1882	1884	rVV	197975	213310	3.36%	0.426%
71	13.186	1884	1887	1888	rVV	109916	109596	1.73%	0.219%

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72	13.221	1891	1893	1895	rVV	186191	141929	2.24%	0.283%
73	13.257	1895	1899	1901	rVV2	122835	141461	2.23%	0.282%
74	13.280	1901	1903	1906	rVB	135338	114291	1.80%	0.228%
75	13.351	1912	1915	1918	rBV	87078	71365	1.12%	0.142%
76	13.380	1918	1920	1926	rBV2	82282	105870	1.67%	0.211%
77	13.668	1967	1969	1972	rBV	84522	74155	1.17%	0.148%
78	13.780	1985	1988	1989	rBV	104625	92350	1.45%	0.184%
79	13.798	1989	1991	1994	rVB	118175	107901	1.70%	0.215%
80	13.827	1994	1996	1998	rBV	98013	92761	1.46%	0.185%
81	13.857	1998	2001	2003	rVV2	147500	153153	2.41%	0.306%
82	13.951	2014	2017	2022	rVB	106813	128082	2.02%	0.256%
83	14.027	2022	2030	2033	rBV2	1453184	2093043	32.97%	4.176%
84	14.057	2033	2035	2038	rVB	626568	517825	8.16%	1.033%
85	14.133	2045	2048	2051	rVB	182277	170076	2.68%	0.339%
86	14.174	2052	2055	2062	rBV5	84316	157166	2.48%	0.314%
87	14.415	2094	2096	2099	rVB	167773	134311	2.12%	0.268%
88	14.480	2103	2107	2111	rVV4	136181	188510	2.97%	0.376%
89	14.562	2119	2121	2125	rVB2	92149	95819	1.51%	0.191%
90	14.786	2156	2159	2162	rVB	108041	94155	1.48%	0.188%
91	14.915	2177	2181	2188	rVB2	179280	317631	5.00%	0.634%
92	15.080	2205	2209	2212	rBV	670662	979856	15.44%	1.955%
93	15.192	2225	2228	2233	rBV	135812	154049	2.43%	0.307%
94	15.386	2257	2261	2268	rVB	368325	498848	7.86%	0.995%
95	15.451	2268	2272	2277	rVV	606065	774307	12.20%	1.545%
96	15.515	2278	2283	2287	rVV	933482	1319508	20.79%	2.633%
97	15.551	2287	2289	2295	rVB2	147653	187840	2.96%	0.375%
98	15.945	2353	2356	2361	rVB2	134198	212983	3.36%	0.425%
99	17.015	2533	2538	2548	rBV	211834	453368	7.14%	0.905%
100	17.474	2611	2616	2625	rVB2	162229	326837	5.15%	0.652%

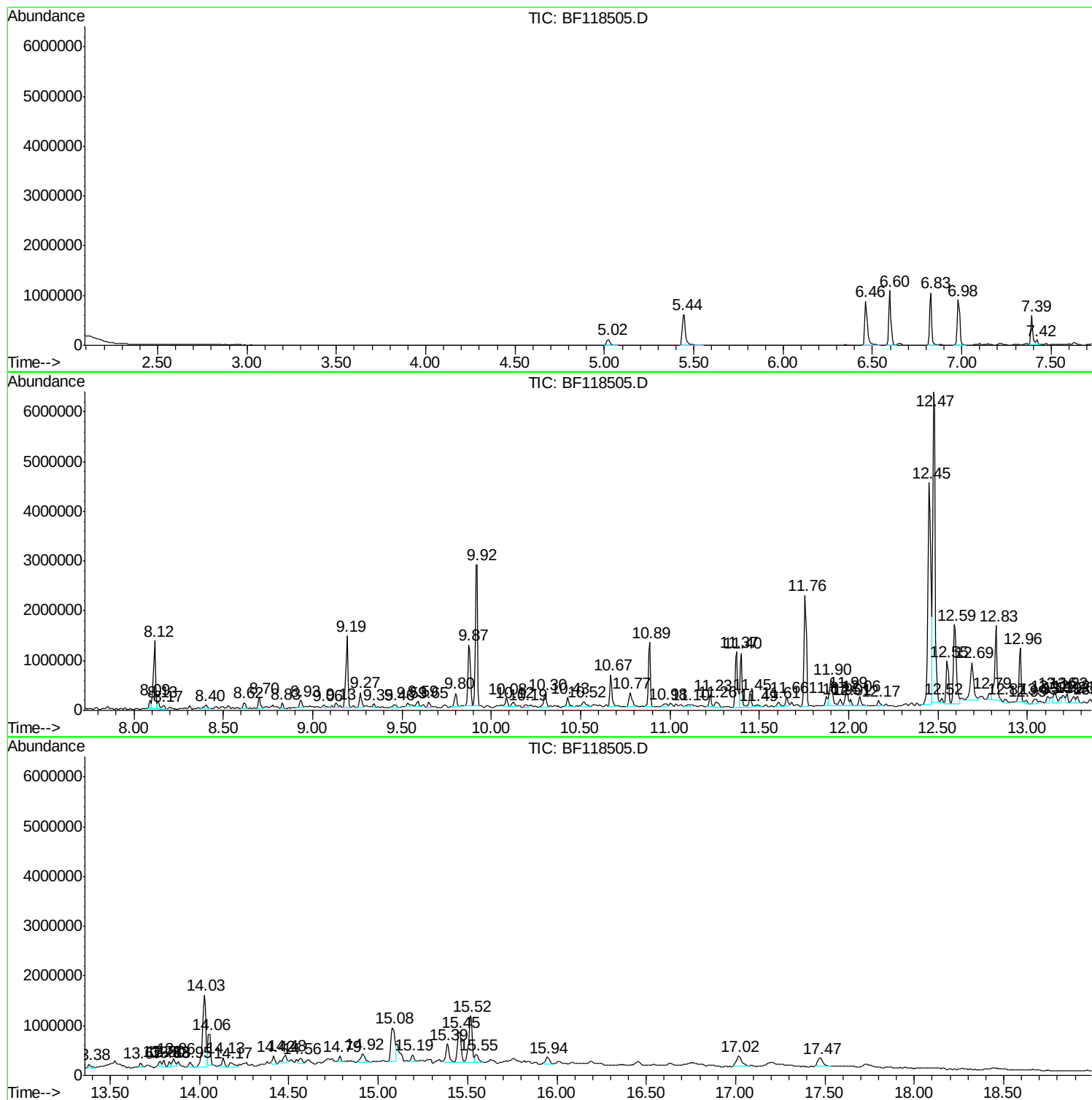
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Instrument :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF010820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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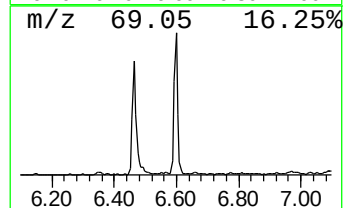
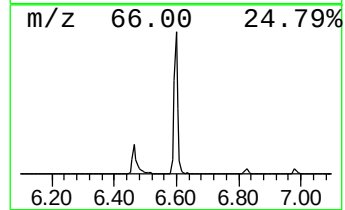
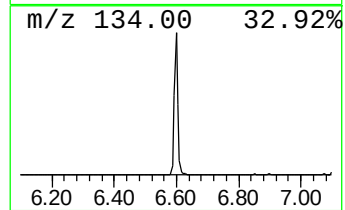
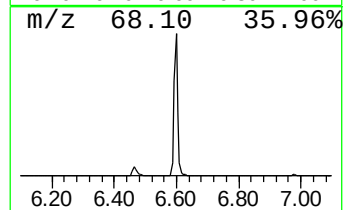
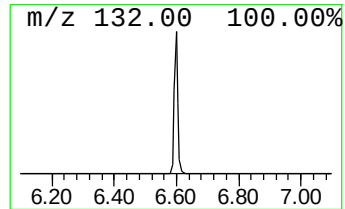
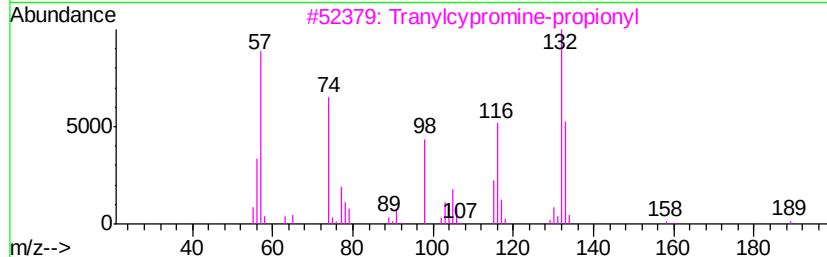
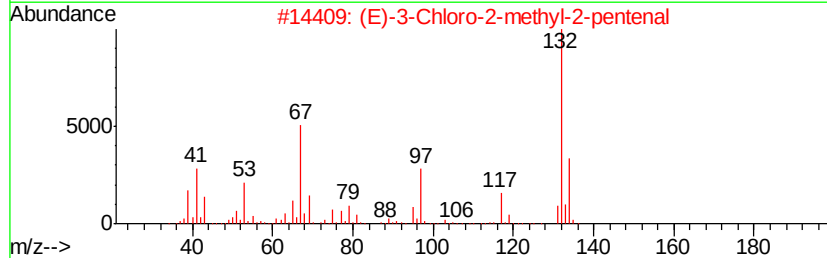
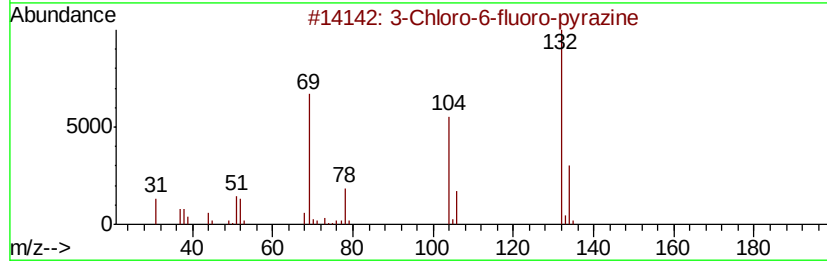
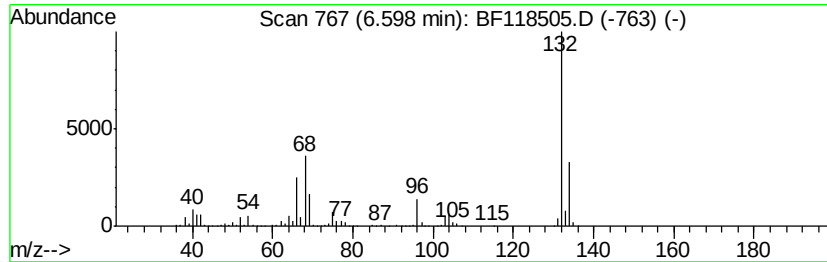
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF010820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 unknown6.60 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.60	19.77 ng	897667	1,4-Dichlorobenzene-d4	6.83

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	35
2		(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	17
3		Tranvlcypropine-propionyl	189	C12H15NO	1000123-86-3	16
4		Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
5		1-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-59-9	9



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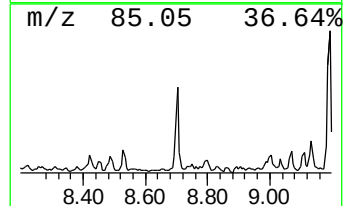
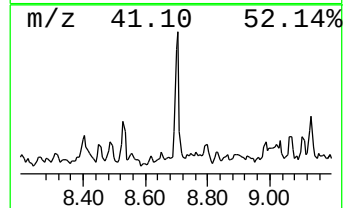
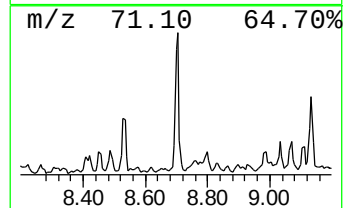
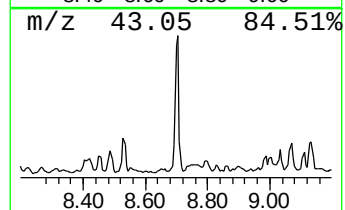
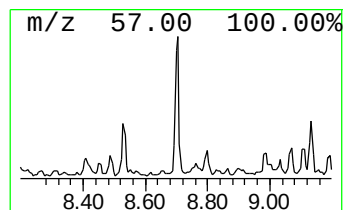
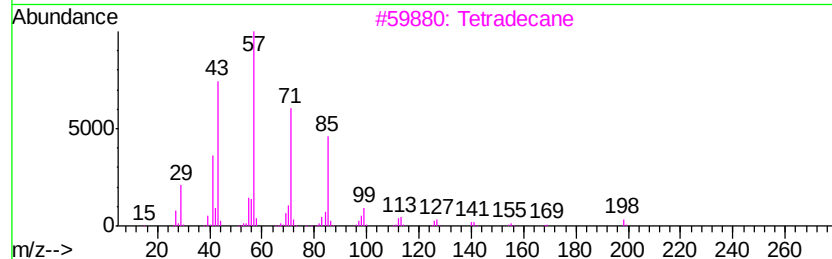
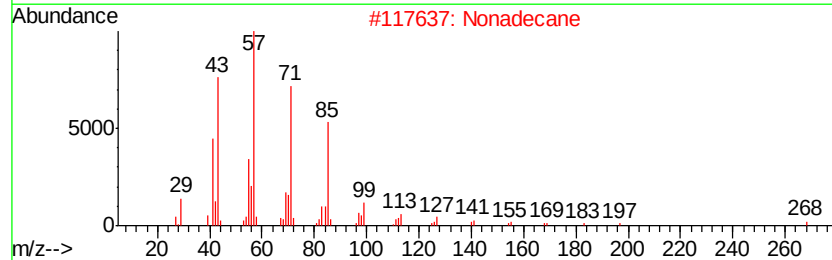
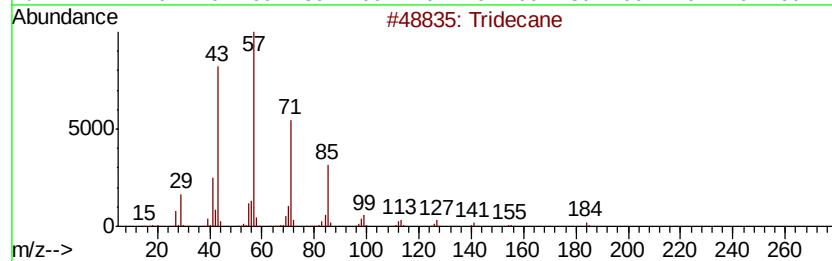
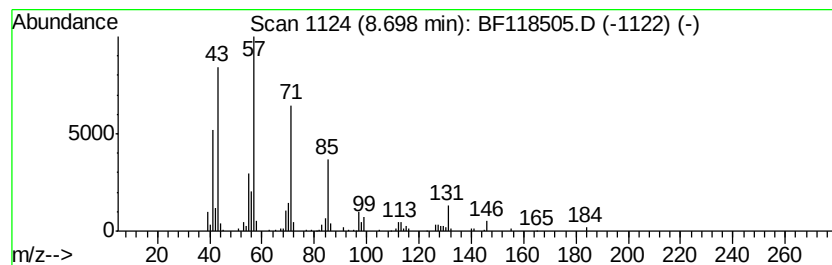
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Tridecane Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.70	3.54 ng	195278	Naphthalene-d8	8.12

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tridecane	184	C13H28	000629-50-5	95
2		Nonadecane	268	C19H40	000629-92-5	64
3		Tetradecane	198	C14H30	000629-59-4	62
4		Decane, 2,3,6-trimethyl-	184	C13H28	062238-12-4	58
5		1-Octadecanesulphonyl chloride	352	C18H37ClO2S	1000342-70-4	58



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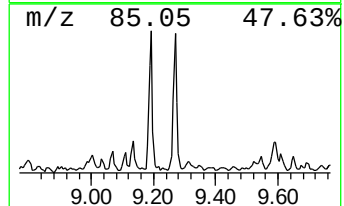
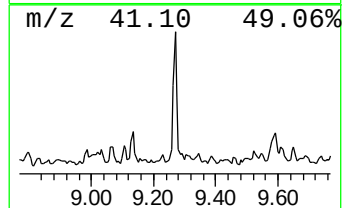
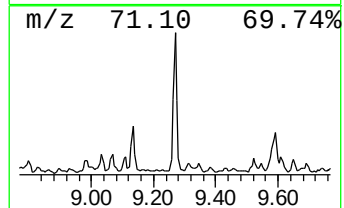
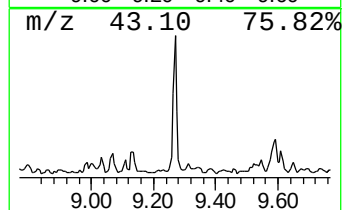
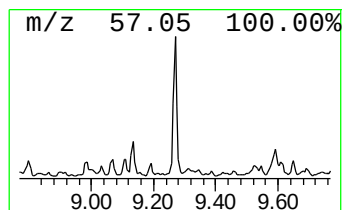
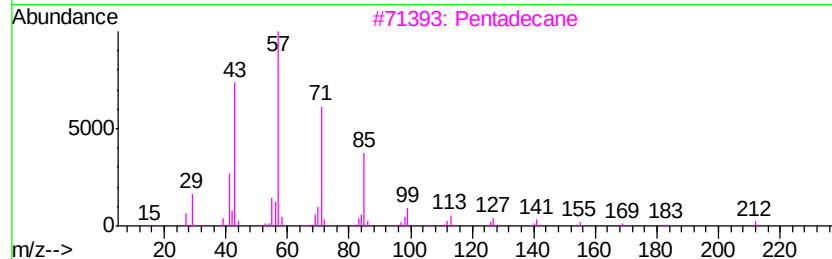
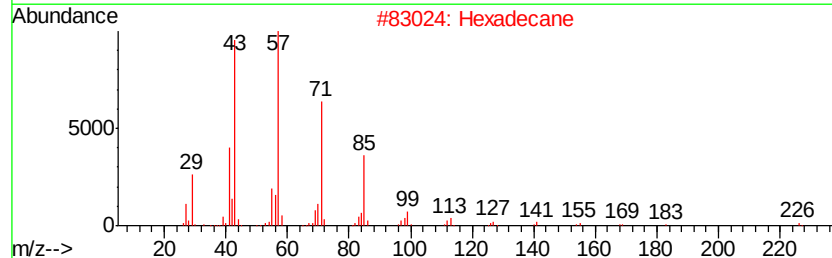
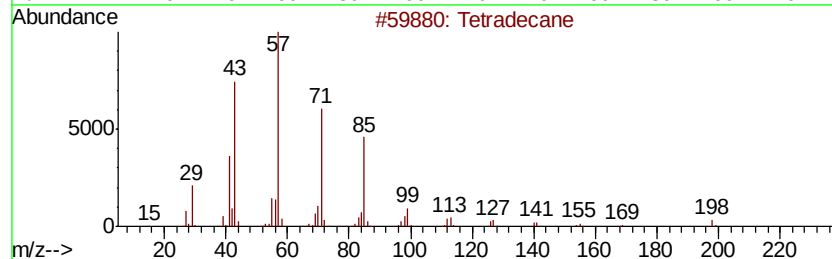
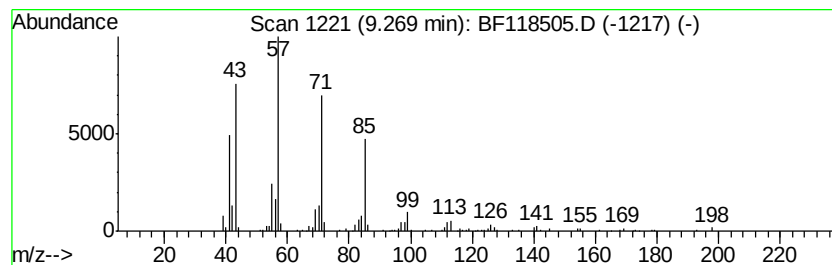
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 4 Tetradecane Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.27	4.83 ng	269654	Acenaphthene-d10	9.87

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tetradecane	198	C14H30	000629-59-4	94
2			Hexadecane	226	C16H34	000544-76-3	86
3			Pentadecane	212	C15H32	000629-62-9	80
4			Octane, 2,4,6-trimethyl-	156	C11H24	062016-37-9	72
5			Tridecane, 7-propyl-	226	C16H34	055045-09-5	72



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF010820\
Data File : BF118505.D
Acq On : 8 Jan 2020 18:25
Operator : JU
Sample : L1016-01
Misc :
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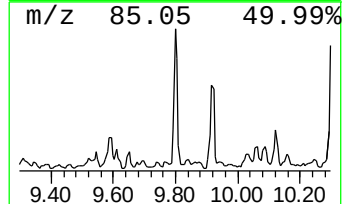
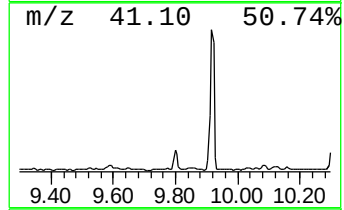
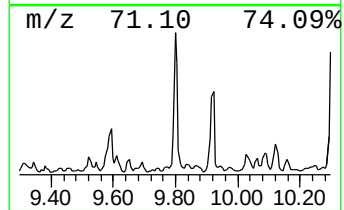
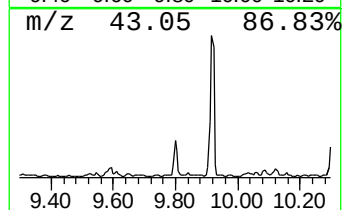
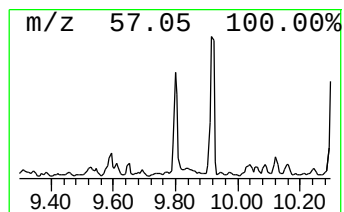
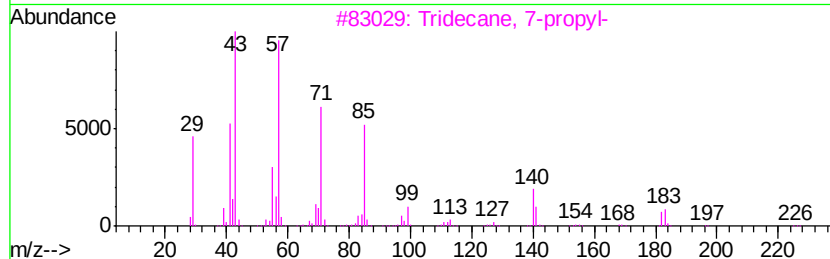
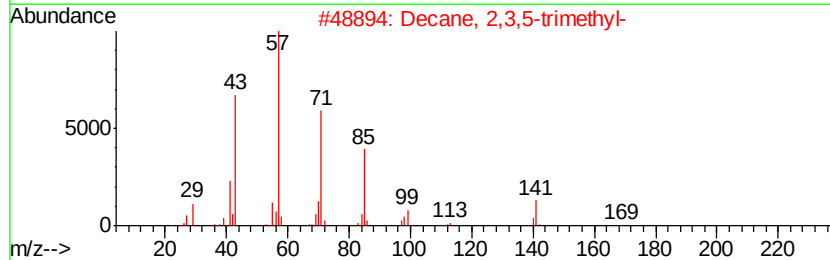
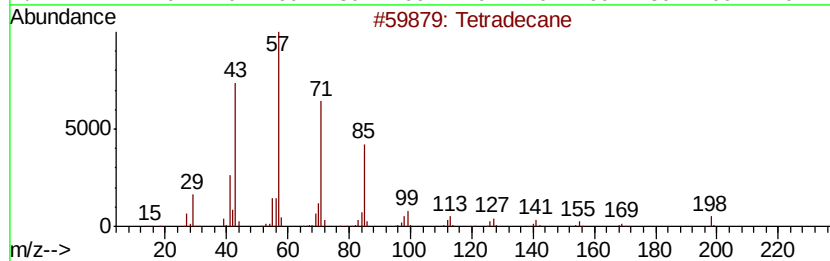
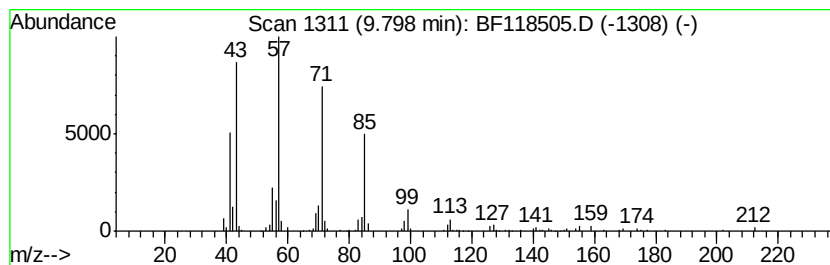
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ClientSampleId :
SU-02-010720

Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF010820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Decane, 2,3,5-trimethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.80	3.87 ng	215750	Acenaphthene-d10	9.87
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Tetradecane	198 C14H30	000629-59-4 90
2		Decane, 2,3,5-trimethyl-	184 C13H28	062238-11-3 90
3		Tridecane, 7-propyl-	226 C16H34	055045-09-5 86
4		Heptadecane	240 C17H36	000629-78-7 86
5		Tridecane	184 C13H28	000629-50-5 80



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF010820\
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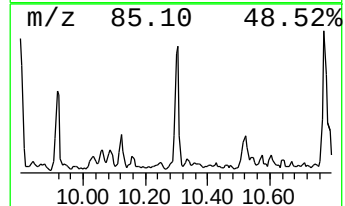
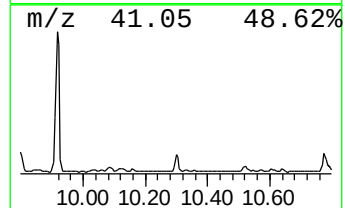
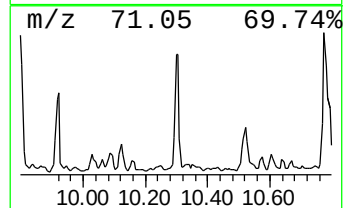
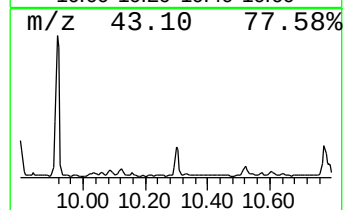
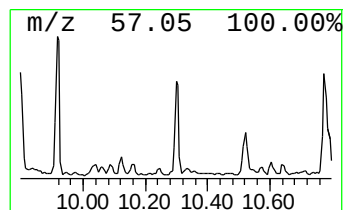
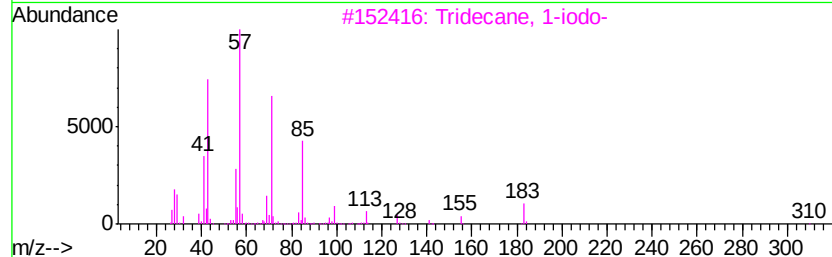
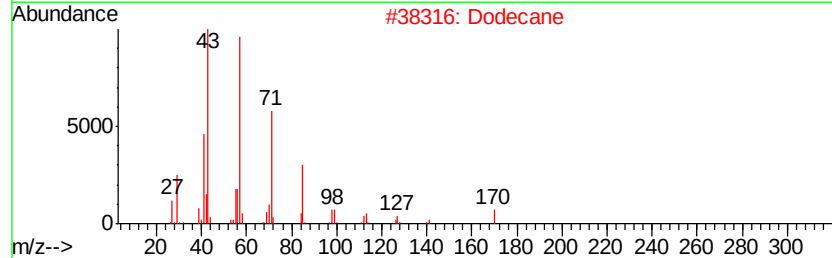
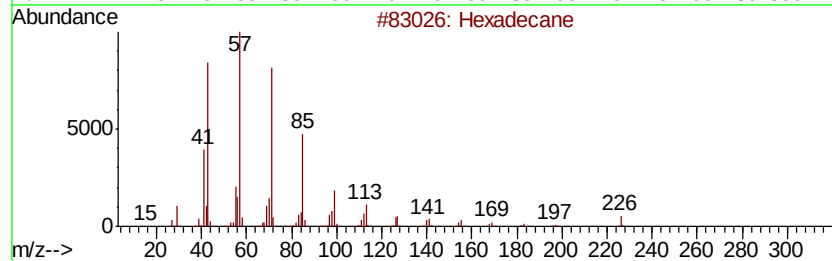
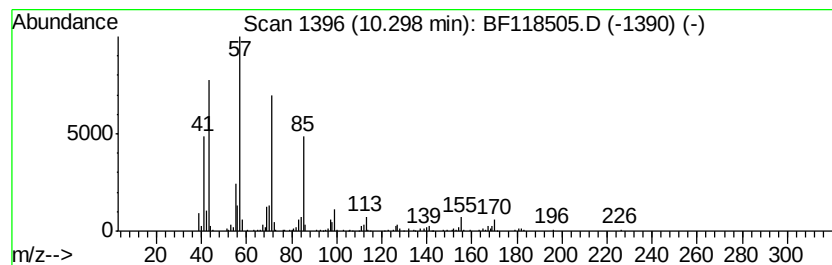
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ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF010820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Hexadecane Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.	
10.30	5.25 ng	293051	Acenaphthene-d10	9.87	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	96
2	Dodecane	170	C12H26	000112-40-3	83
3	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	80
4	Heptadecane, 8-methyl-	254	C18H38	013287-23-5	80
5	Pentadecane	212	C15H32	000629-62-9	80



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF010820\
Data File : BF118505.D
Acq On : 8 Jan 2020 18:25
Operator : JU
Sample : L1016-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SU-02-010720

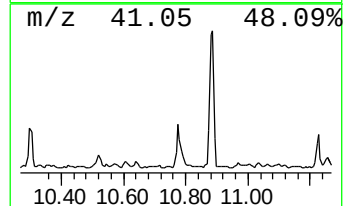
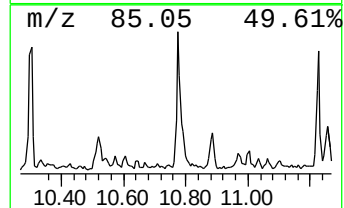
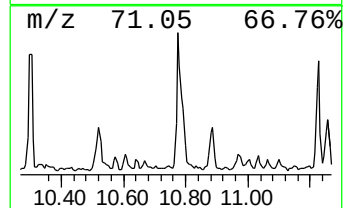
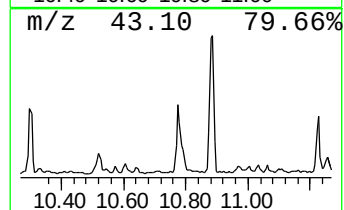
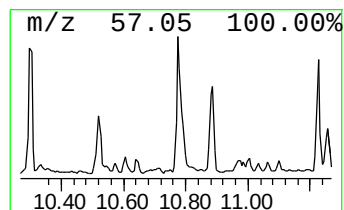
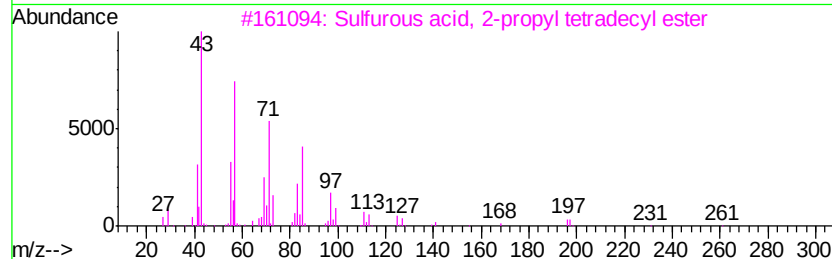
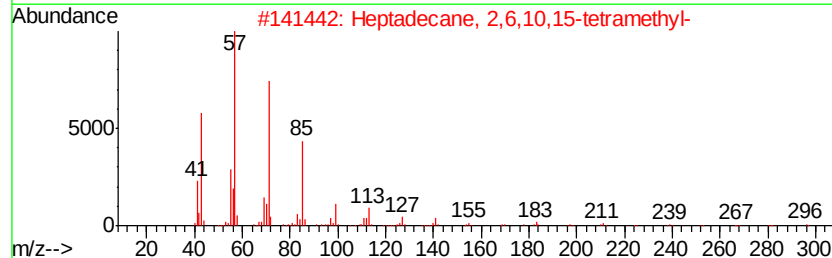
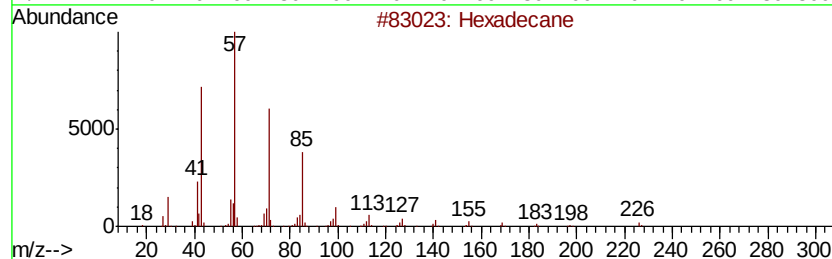
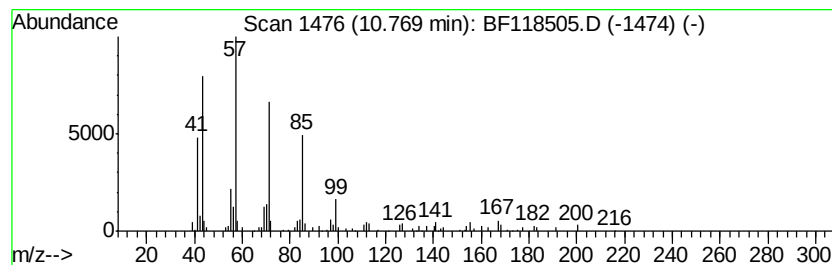
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Heptadecane, 2,6,10,15-tetr... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.77	5.86 ng	317394	Phenanthrene-d10	11.37

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexadecane	226	C16H34	000544-76-3	91
2			Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	90
3			Sulfurous acid, 2-propyl tetradecyl ester	320	C17H36O3S	1000309-12-5	90
4			Tetracosane	338	C24H50	000646-31-1	87
5			Tetradecane	198	C14H30	000629-59-4	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF010820\
Data File : BF118505.D
Acq On : 8 Jan 2020 18:25
Operator : JU
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Misc :
ALS Vial : 12 Sample Multiplier: 1

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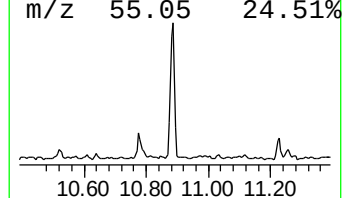
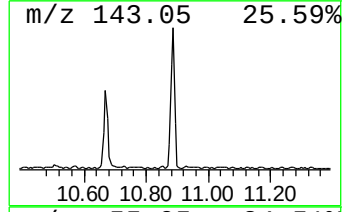
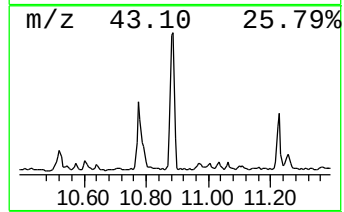
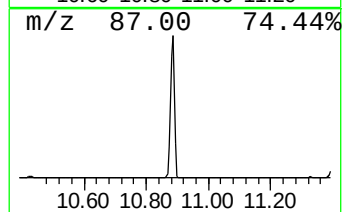
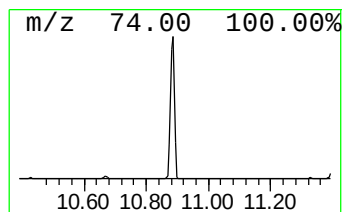
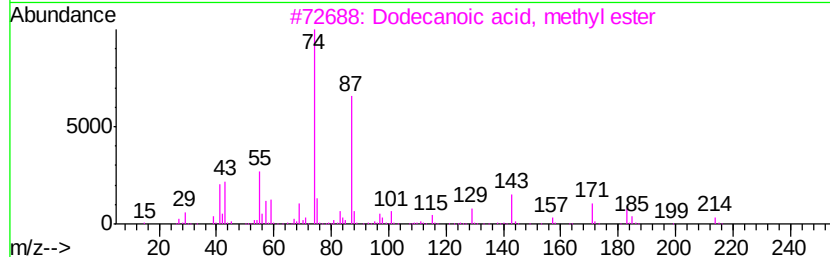
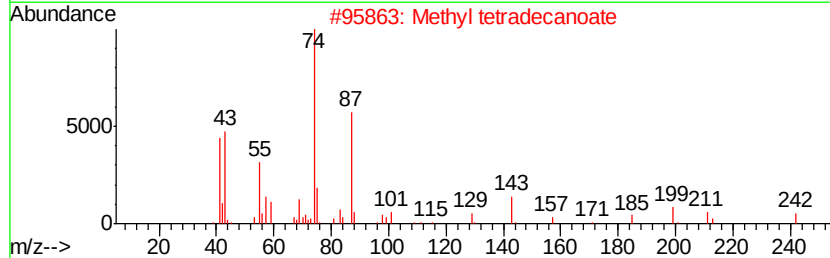
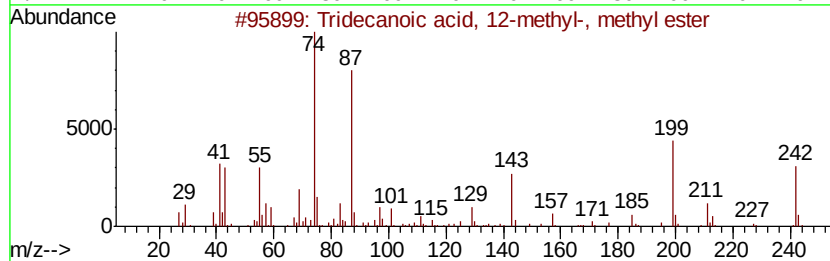
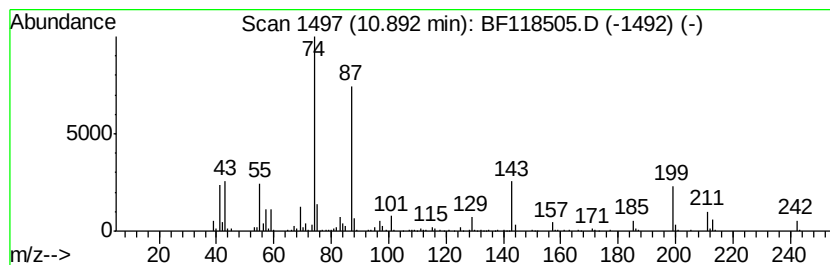
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Tridecanoic acid, 12-methyl... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.89	19.86 ng	1075490	Phenanthrene-d10	11.37

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tridecanoic acid, 12-methyl-, me...	242	C15H30O2	005129-58-8	94
2		Methyl tetradecanoate	242	C15H30O2	000124-10-7	89
3		Dodecanoic acid, methyl ester	214	C13H26O2	000111-82-0	86
4		Undecanoic acid, 10-methyl-, met...	214	C13H26O2	005129-56-6	64
5		Decanoic acid, methyl ester	186	C11H22O2	000110-42-9	53



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF010820\
Data File : BF118505.D
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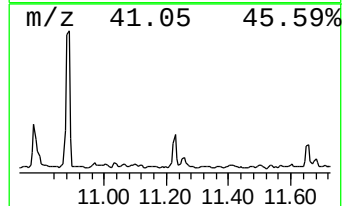
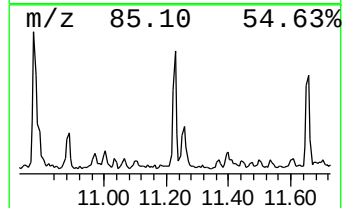
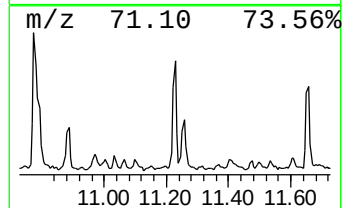
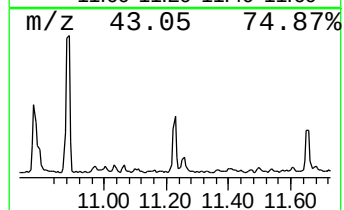
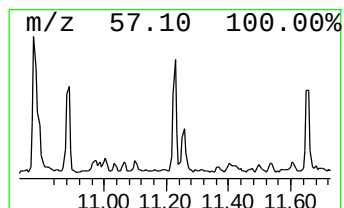
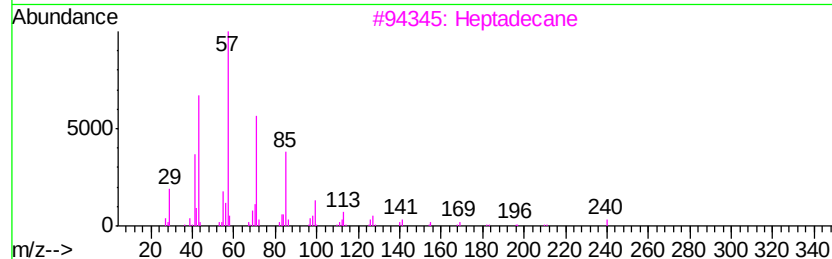
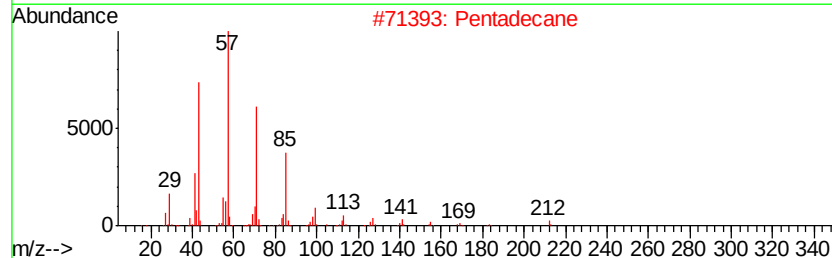
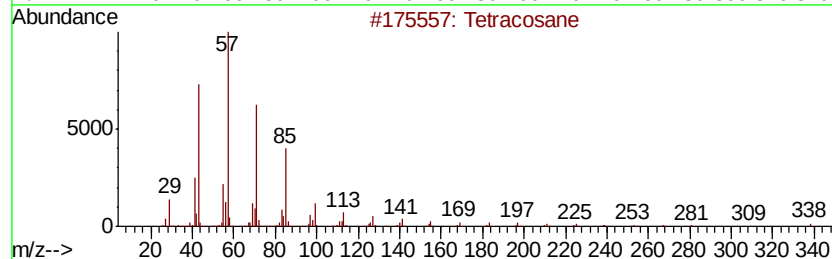
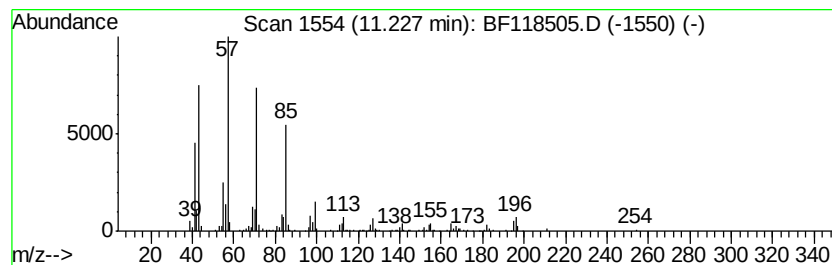
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Tetracosane Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.23	3.84 ng	207889	Phenanthrene-d10	11.37

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tetracosane	338	C24H50	000646-31-1	87
2		Pentadecane	212	C15H32	000629-62-9	83
3		Heptadecane	240	C17H36	000629-78-7	83
4		Tetradecane	198	C14H30	000629-59-4	83
5		Nonadecane	268	C19H40	000629-92-5	81



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF010820\
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Acq On : 8 Jan 2020 18:25
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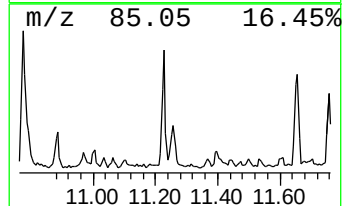
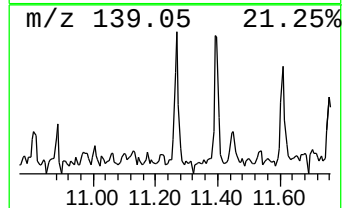
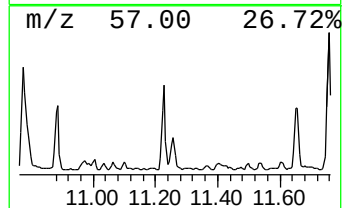
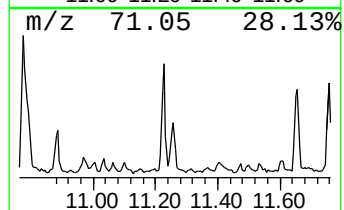
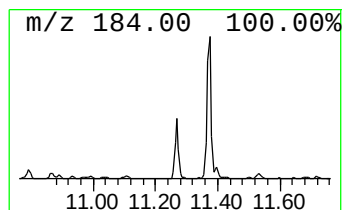
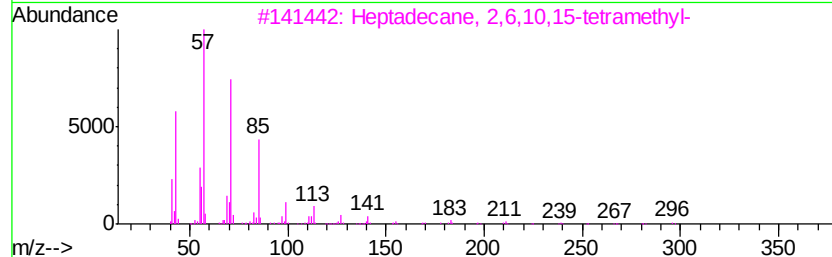
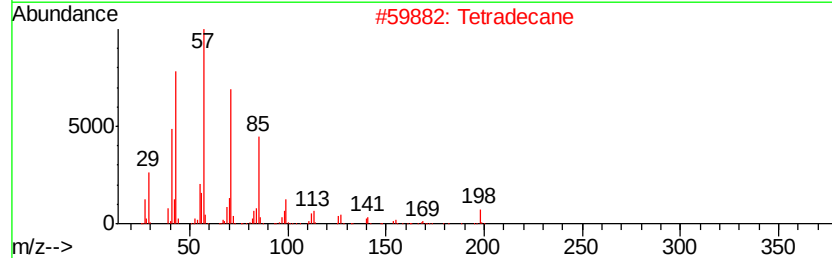
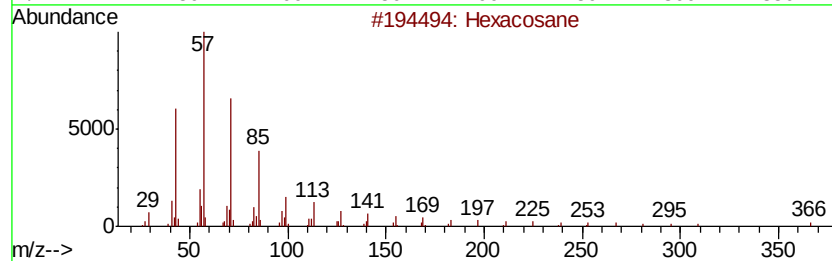
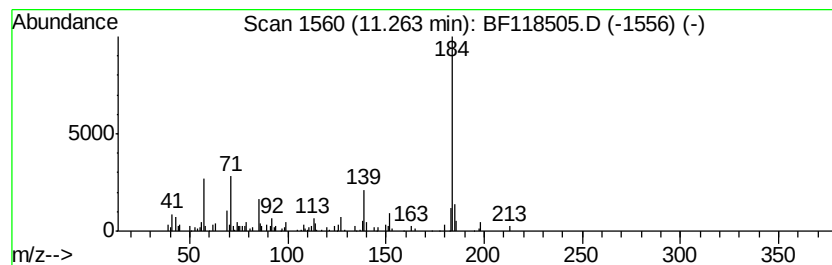
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Hexacosane Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.26	3.37 ng	182293	Phenanthrene-d10	11.37

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexacosane	366	C26H54	000630-01-3	72
2		Tetradecane	198	C14H30	000629-59-4	64
3		Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	59
4		Tetracosane	338	C24H50	000646-31-1	59
5		Octadecane	254	C18H38	000593-45-3	53



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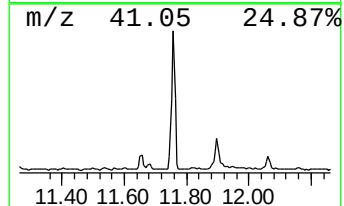
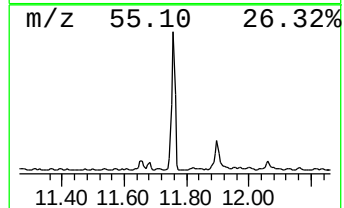
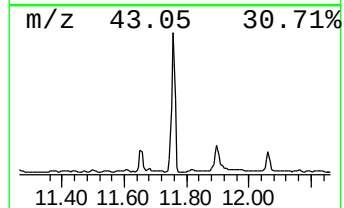
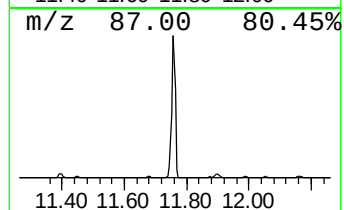
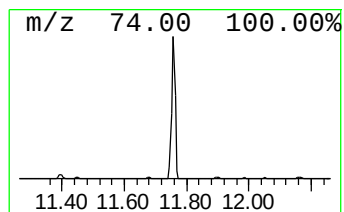
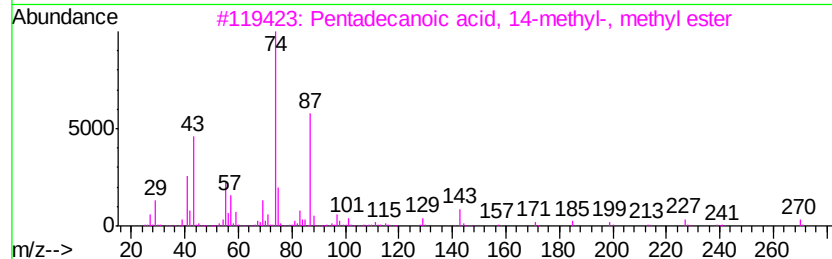
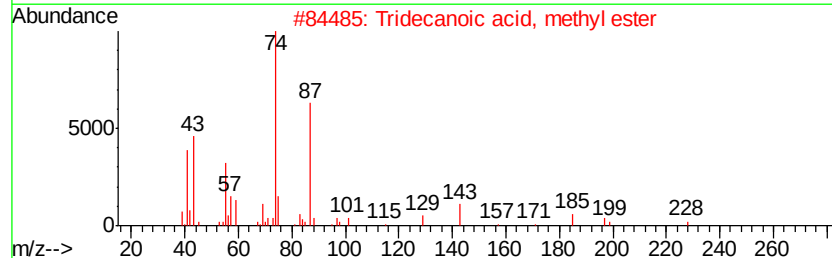
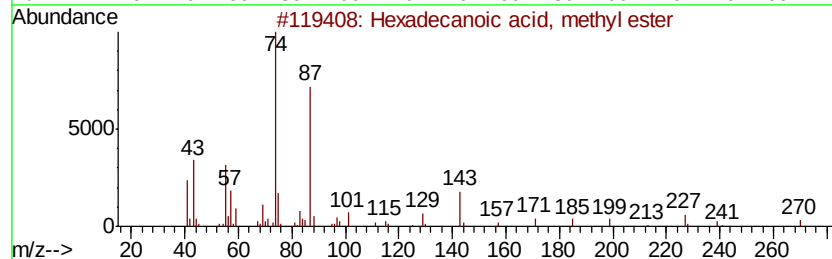
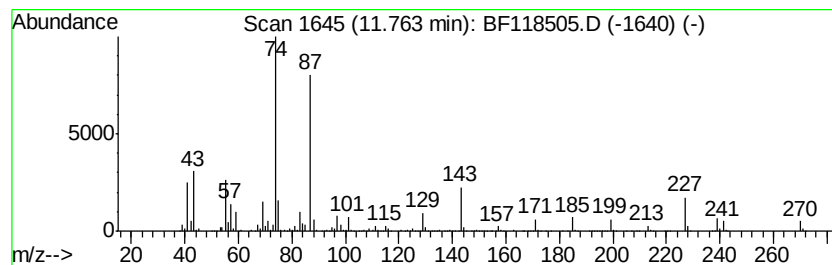
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Hexadecanoic acid, methyl e... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.76	32.61 ng	1766260	Phenanthrene-d10	11.37

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexadecanoic acid, methyl ester	270	C17H34O2	000112-39-0	98
2		Tridecanoic acid, methyl ester	228	C14H28O2	001731-88-0	95
3		Pentadecanoic acid, 14-methyl-, ...	270	C17H34O2	005129-60-2	92
4		Decanoic acid, methyl ester	186	C11H22O2	000110-42-9	87
5		Pentadecanoic acid, methyl ester	256	C16H32O2	007132-64-1	86



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Data File : BF118505.D
Acq On : 8 Jan 2020 18:25
Operator : JU
Sample : L1016-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
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ClientSampleId :
SU-02-010720

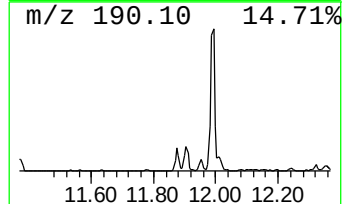
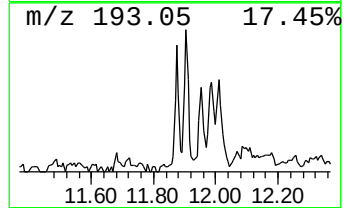
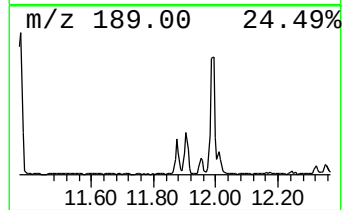
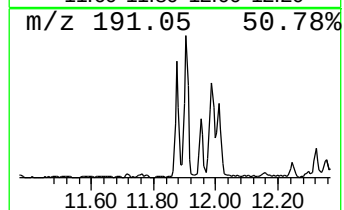
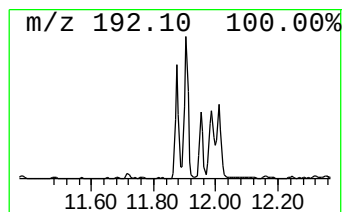
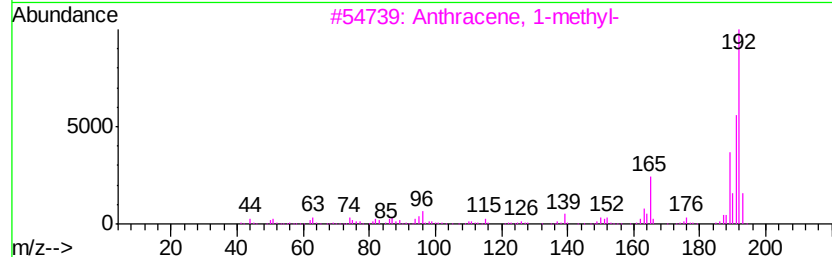
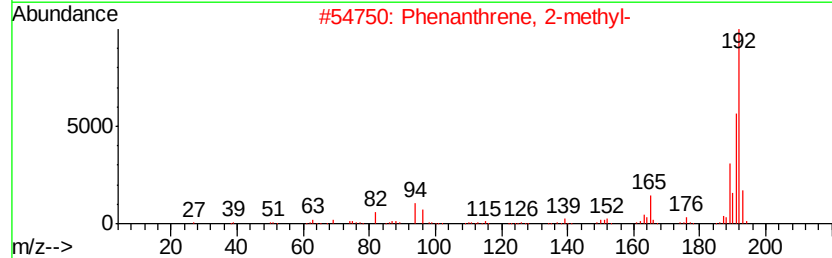
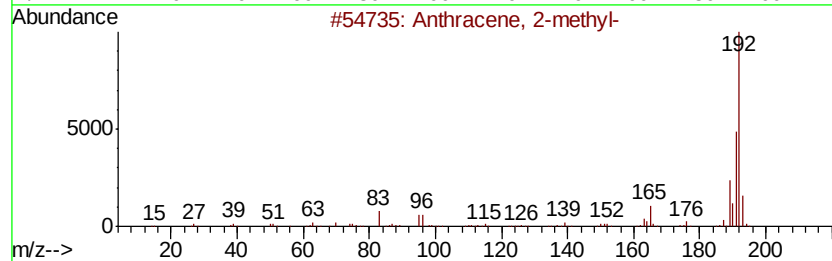
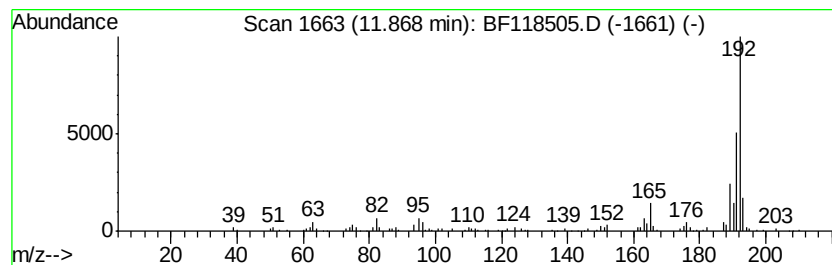
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Anthracene, 2-methyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.87	3.51 ng	190366	Phenanthrene-d10	11.37

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
2			Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
3			Anthracene, 1-methyl-	192	C15H12	000610-48-0	95
4			Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	94
5			1H-Cyclopropa[l]phenanthrene, 1a, ...	192	C15H12	000949-41-7	93



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF010820\
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ClientSampleId :
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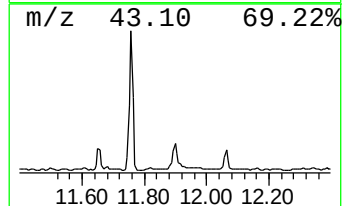
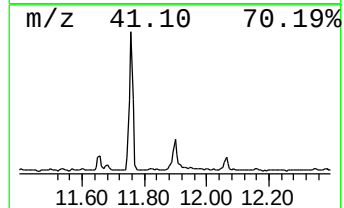
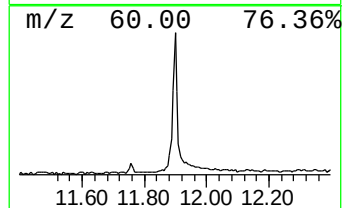
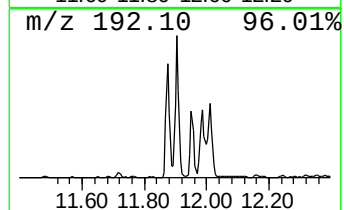
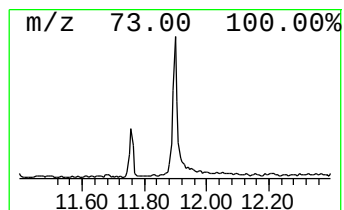
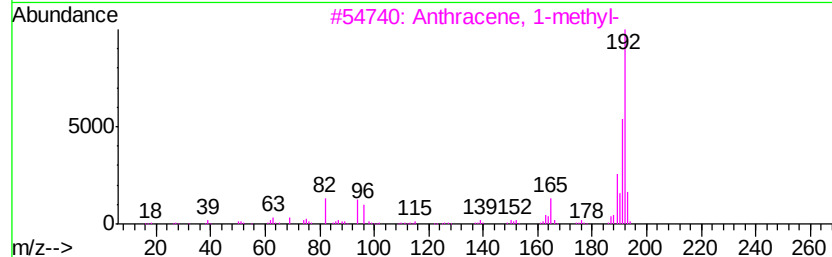
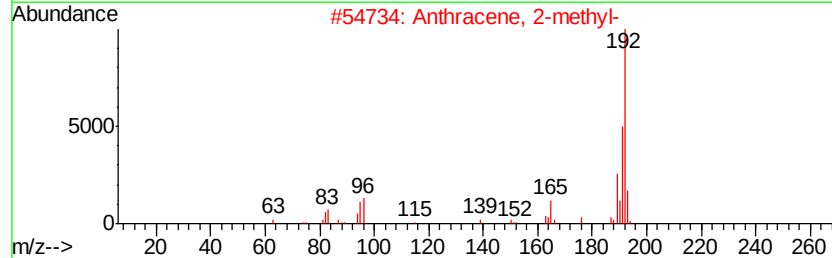
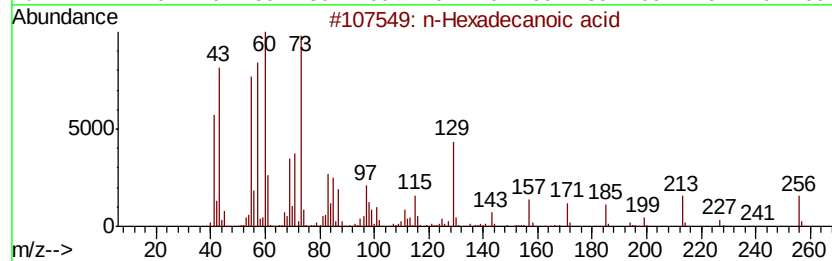
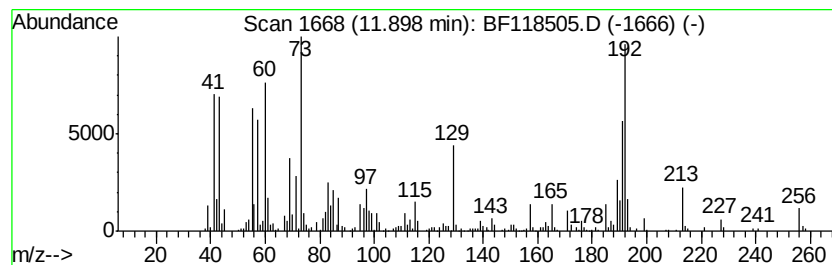
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 n-Hexadecanoic acid Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.90	10.76 ng	582565	Phenanthrene-d10	11.37

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	97
2		Anthracene, 2-methyl-	192	C15H12	000613-12-7	94
3		Anthracene, 1-methyl-	192	C15H12	000610-48-0	92
4		1H-Indene, 1-phenyl-	192	C15H12	001961-96-2	74
5		Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	74



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF010820\
Data File : BF118505.D
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Sample : L1016-01
Misc :
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SU-02-010720

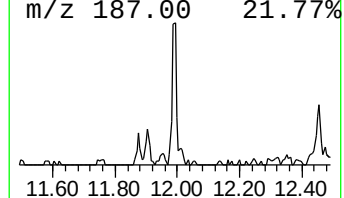
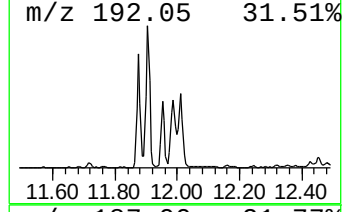
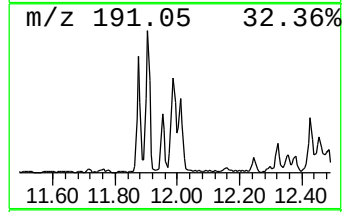
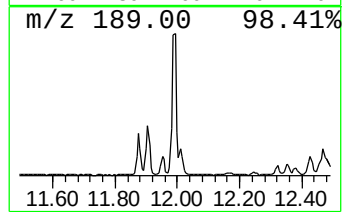
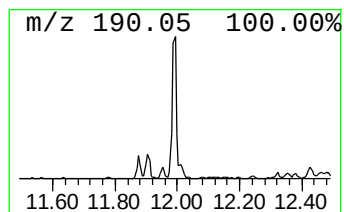
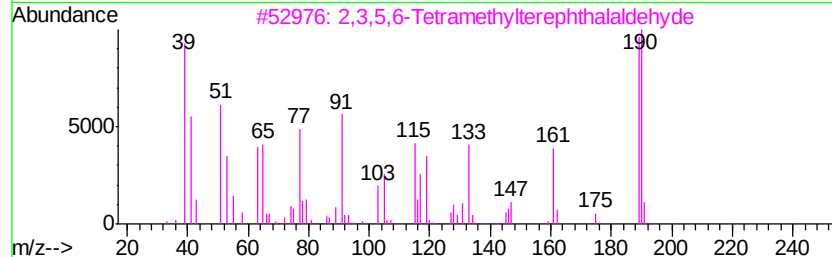
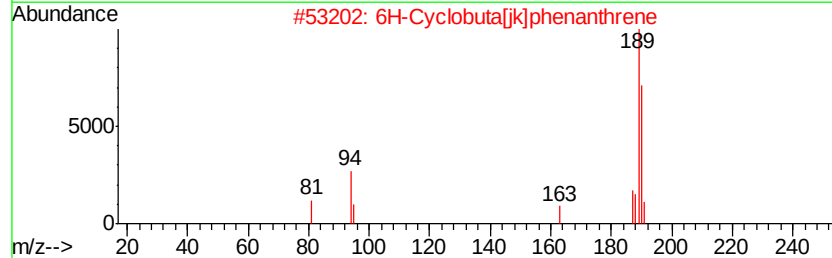
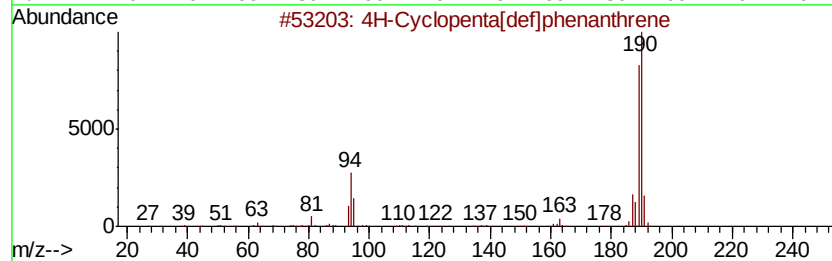
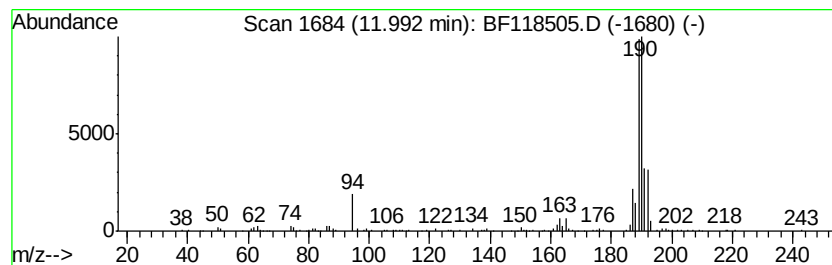
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 4H-Cyclopenta[def]phenanthrene Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.99	5.74 ng	310934	Phenanthrene-d10	11.37

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	70
2		6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	58
3		2,3,5,6-Tetramethylterephthalald...	190	C12H14O2	007072-01-7	38
4		2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	38
5		Benzene, 1,1'-(1,2-propadienyld...	192	C15H12	014251-57-1	25



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF010820\
Data File : BF118505.D
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Misc :
ALS Vial : 12 Sample Multiplier: 1

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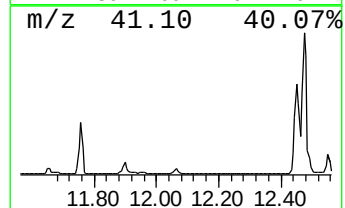
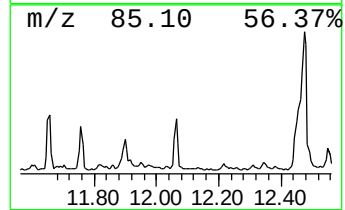
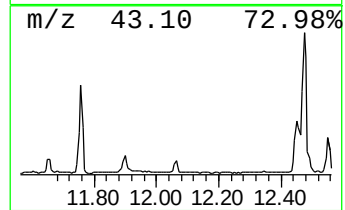
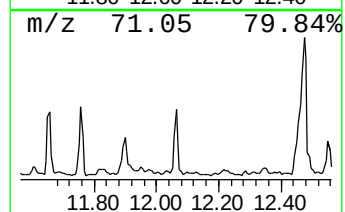
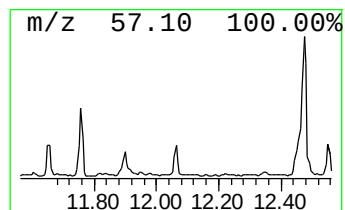
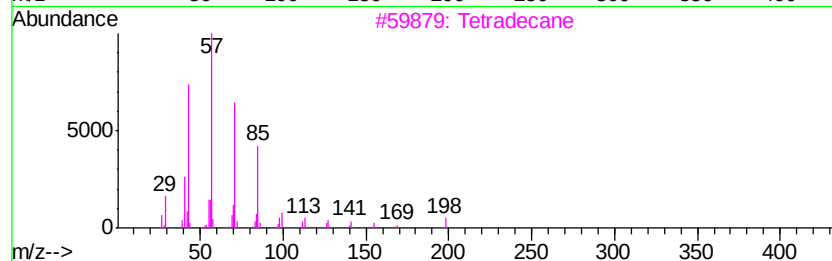
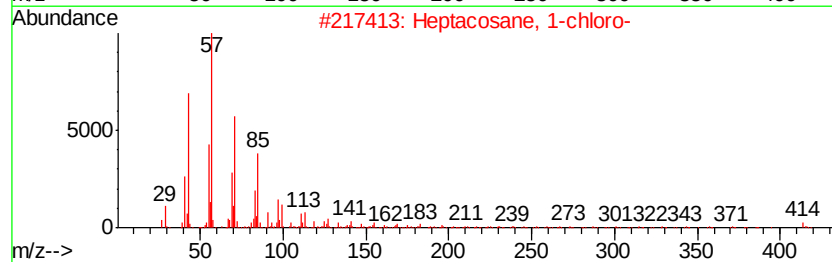
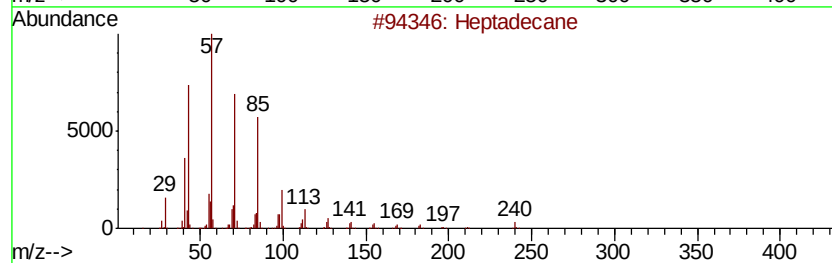
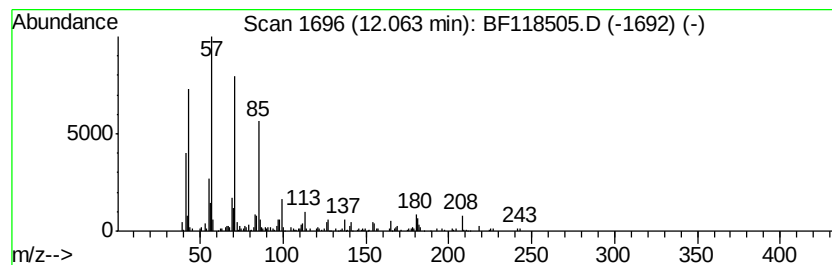
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 Heptadecane Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.06	3.51 ng	190372	Phenanthrene-d10	11.37

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane		240	C17H36	000629-78-7	87
2	Heptacosane, 1-chloro-		414	C27H55Cl	062016-79-9	86
3	Tetradecane		198	C14H30	000629-59-4	83
4	Octadecane		254	C18H38	000593-45-3	83
5	Pentadecane		212	C15H32	000629-62-9	83



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF010820\
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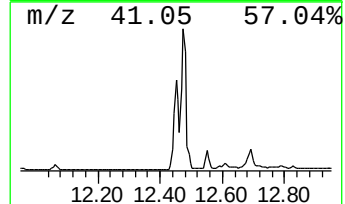
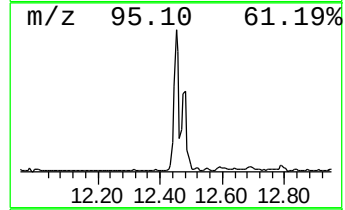
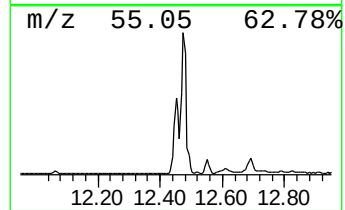
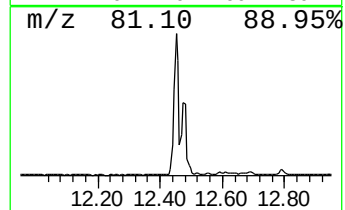
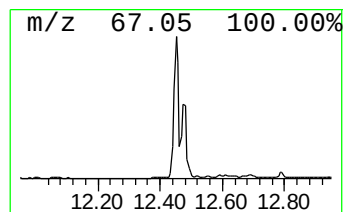
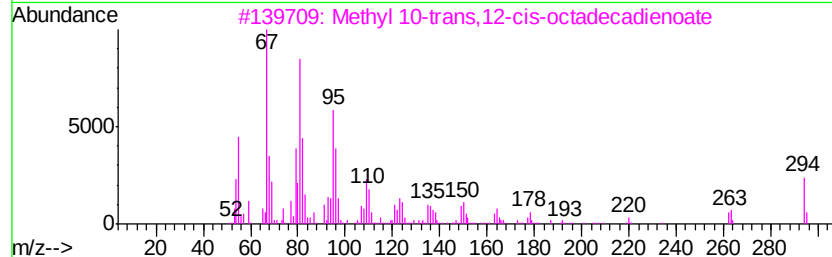
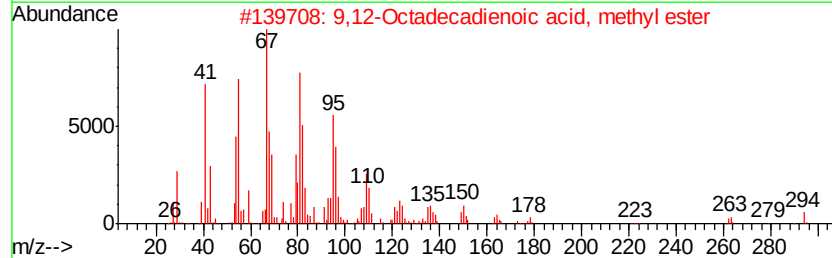
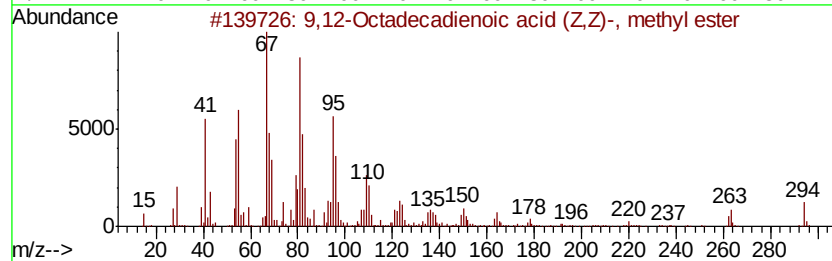
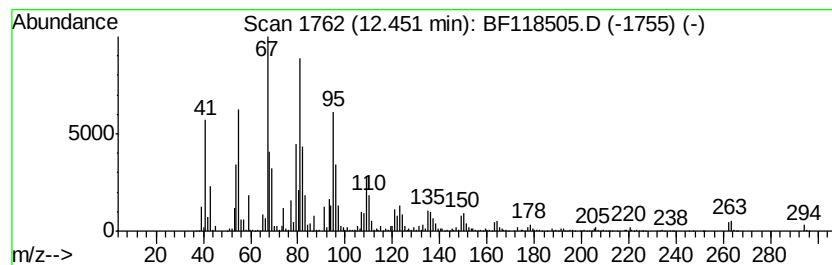
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 9,12-Octadecadienoic acid (... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.	
12.45	91.49 ng	4954980	Phenanthrene-d10	11.37	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,12-Octadecadienoic acid (Z,Z)-...	294	C19H34O2	000112-63-0	99
2	9,12-Octadecadienoic acid, methy...	294	C19H34O2	002462-85-3	99
3	Methyl 10-trans,12-cis-octadecad...	294	C19H34O2	1000336-44-2	99
4	9,12-Octadecadienoic acid, methy...	294	C19H34O2	002566-97-4	99
5	9,15-Octadecadienoic acid, methy...	294	C19H34O2	017309-05-6	98



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF010820\
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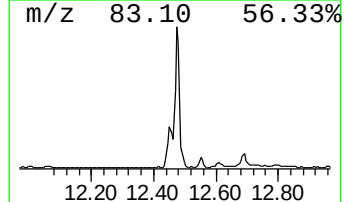
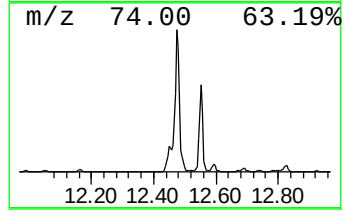
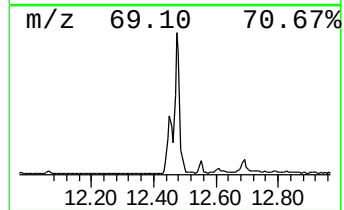
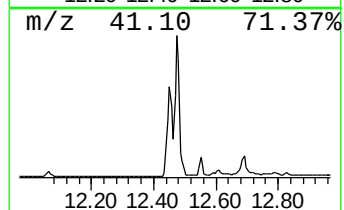
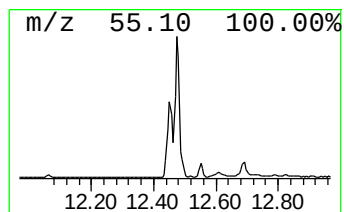
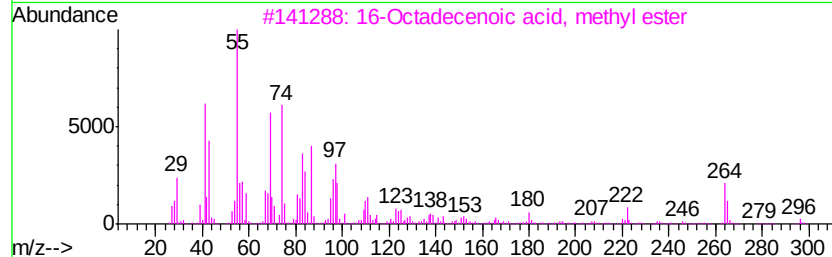
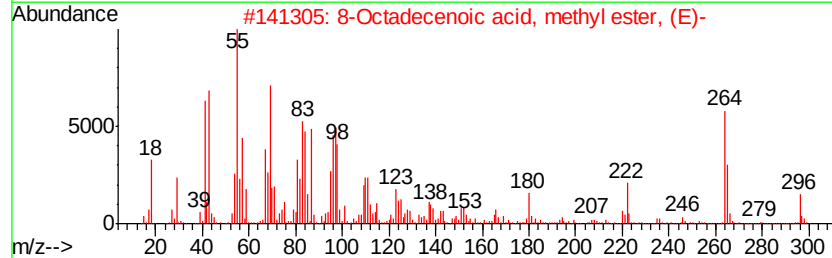
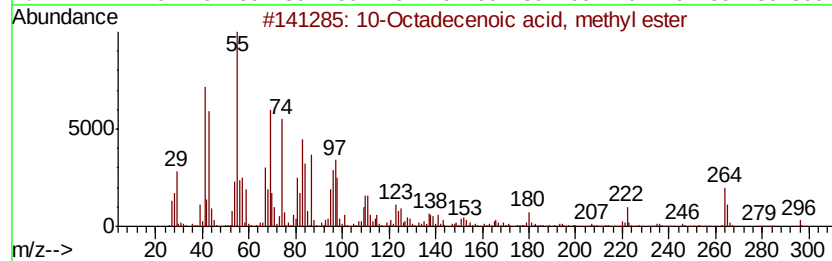
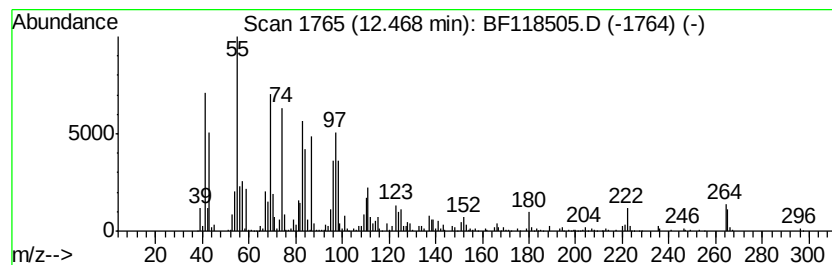
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 10-Octadecenoic acid, methyl ester Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.		
12.47	117.21 ng	6348000	Phenanthrene-d10	11.37		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	10-Octadecenoic acid, methyl ester	296	C19H36O2	013481-95-3	99	
2	8-Octadecenoic acid, methyl ester...	296	C19H36O2	026528-50-7	99	
3	16-Octadecenoic acid, methyl ester	296	C19H36O2	056554-49-5	99	
4	11-Octadecenoic acid, methyl ester...	296	C19H36O2	001937-63-9	99	
5	9-Octadecenoic acid, methyl ester...	296	C19H36O2	001937-62-8	99	



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF010820\
Data File : BF118505.D
Acq On : 8 Jan 2020 18:25
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Misc :
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ClientSampleId :
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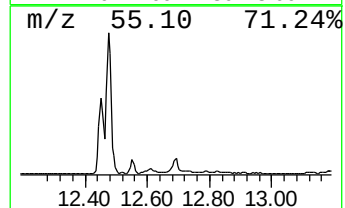
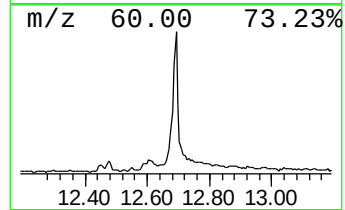
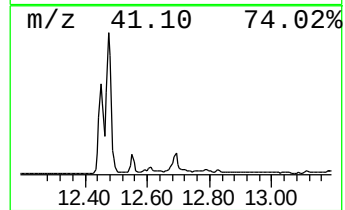
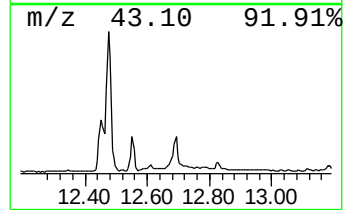
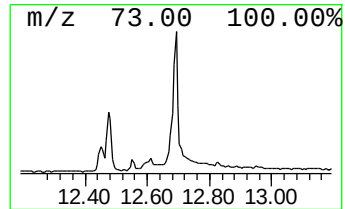
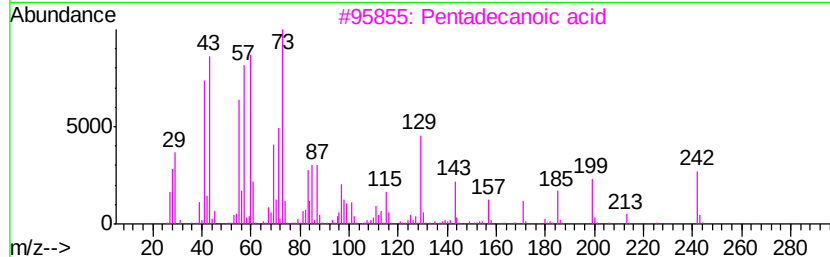
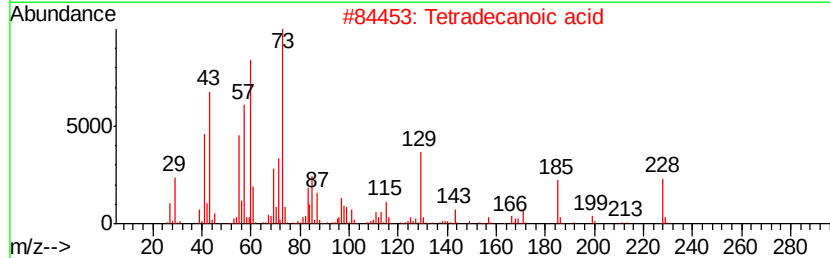
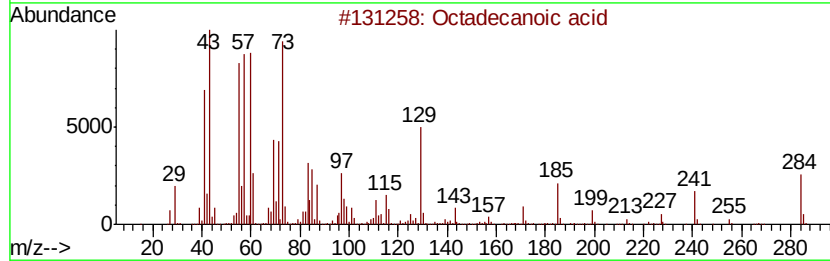
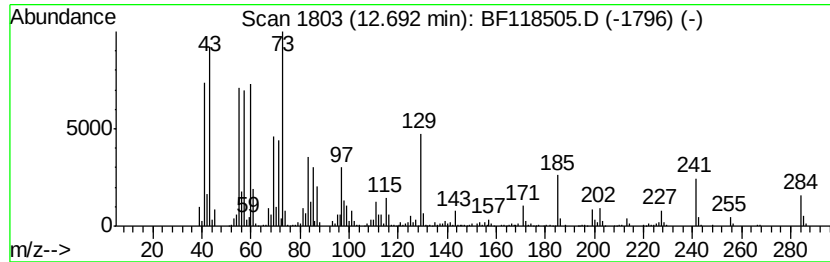
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 Octadecanoic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.69	17.33 ng	938734	Phenanthrene-d10	11.37

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2		Tetradecanoic acid	228	C14H28O2	000544-63-8	83
3		Pentadecanoic acid	242	C15H30O2	001002-84-2	76
4		n-Decanoic acid	172	C10H20O2	000334-48-5	60
5		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	49



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF010820\
Data File : BF118505.D
Acq On : 8 Jan 2020 18:25
Operator : JU
Sample : L1016-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SU-02-010720

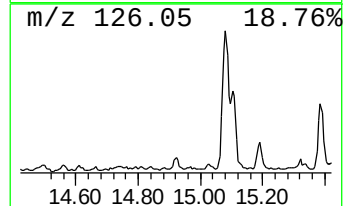
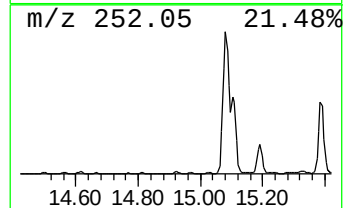
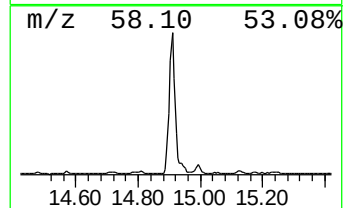
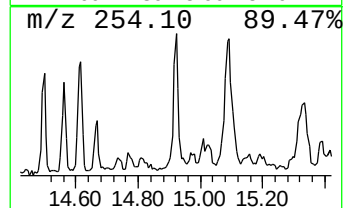
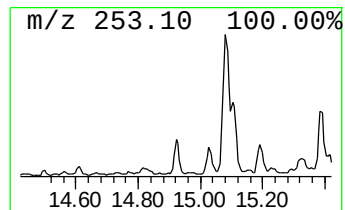
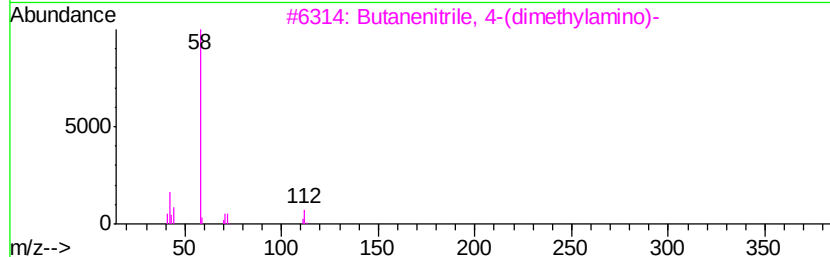
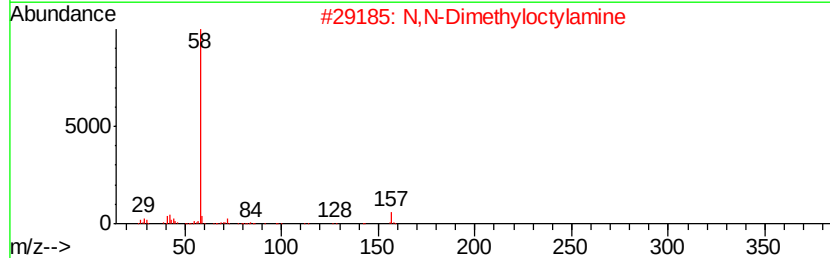
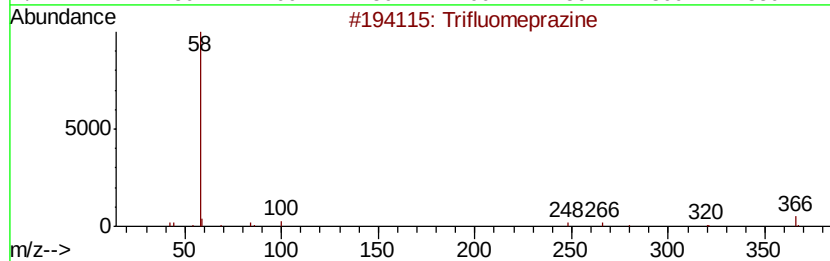
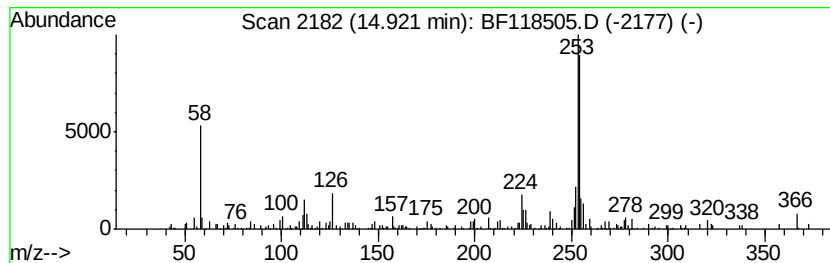
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 unknown14.92 Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.92	4.81 ng	317631	Perylene-d12	15.52

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Trifluomeprazine	366	C19H21F3N2S	002622-37-9	46
2			N,N-Dimethyloctylamine	157	C10H23N	007378-99-6	43
3			Butanenitrile, 4-(dimethylamino)-	112	C6H12N2	013989-82-7	43
4			1-Dodecanamine, N,N-dimethyl-	213	C14H31N	000112-18-5	43
5			1-Propanamine, 3-chloro-N,N,2-tr...	135	C6H14ClN	023349-86-2	43



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF010820\
Data File : BF118505.D
Acq On : 8 Jan 2020 18:25
Operator : JU
Sample : L1016-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SU-02-010720

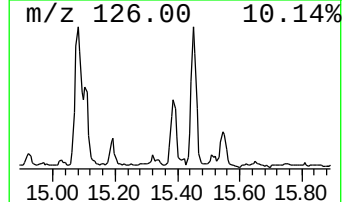
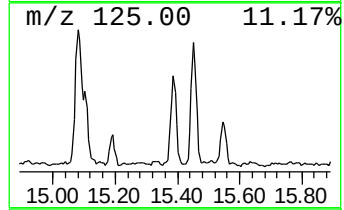
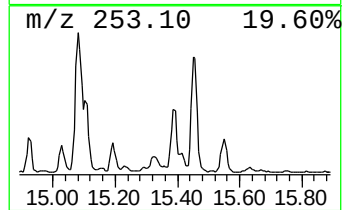
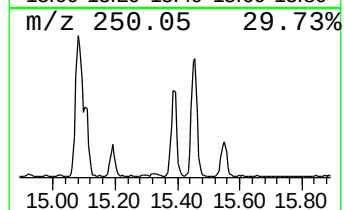
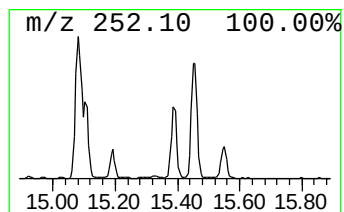
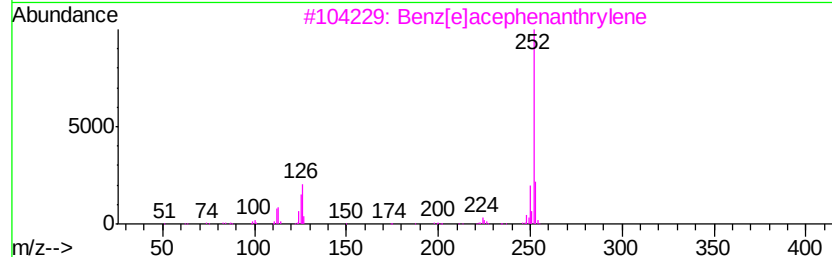
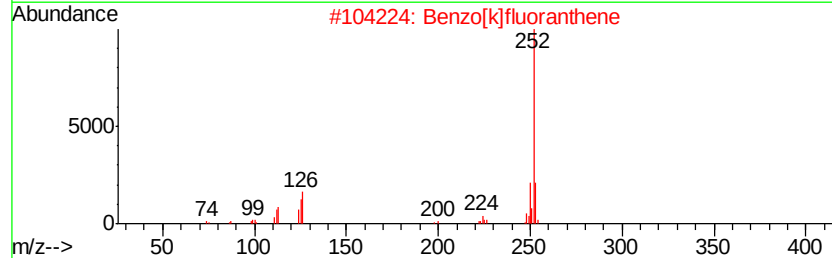
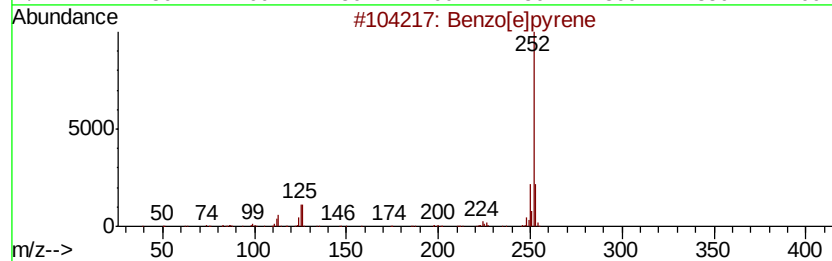
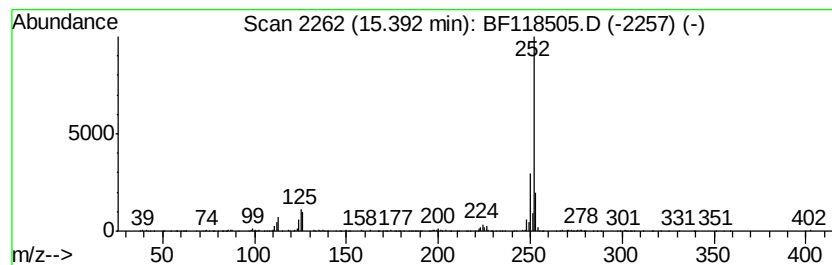
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 Benzo[e]pyrene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.39	7.56 ng	498848	Perylene-d12	15.52

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzo[e]pyrene	252	C20H12	000192-97-2	99
2			Benzo[k]fluoranthene	252	C20H12	000207-08-9	97
3			Benz[e]acephenanthrylene	252	C20H12	000205-99-2	95
4			Perylene	252	C20H12	000198-55-0	95
5			Benzo[a]pyrene	252	C20H12	000050-32-8	93



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF010820\
 Data File : BF118505.D
 Acq On : 8 Jan 2020 18:25
 Operator : JU
 Sample : L1016-01
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SU-02-010720

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF010820.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
unknown6.60	6.60	19.8	ng	897667	1	6.83	907980	20.0
Tridecane	8.70	3.5	ng	195278	2	8.12	1102940	20.0
Tetradecane	9.27	4.8	ng	269654	3	9.87	1116420	20.0
Decane, 2,3,5-tri...	9.80	3.9	ng	215750	3	9.87	1116420	20.0
Hexadecane	10.30	5.3	ng	293051	3	9.87	1116420	20.0
Heptadecane, 2,6,...	10.77	5.9	ng	317394	4	11.37	1083220	20.0
Tridecanoic acid,...	10.89	19.9	ng	1075490	4	11.37	1083220	20.0
Tetracosane	11.23	3.8	ng	207889	4	11.37	1083220	20.0
Hexacosane	11.26	3.4	ng	182293	4	11.37	1083220	20.0
Hexadecanoic acid...	11.76	32.6	ng	1766260	4	11.37	1083220	20.0
Anthracene, 2-met...	11.87	3.5	ng	190366	4	11.37	1083220	20.0
n-Hexadecanoic acid	11.90	10.8	ng	582565	4	11.37	1083220	20.0
4H-Cyclopenta[def...	11.99	5.7	ng	310934	4	11.37	1083220	20.0
Heptadecane	12.06	3.5	ng	190372	4	11.37	1083220	20.0
9,12-Octadecadien...	12.45	91.5	ng	4954980	4	11.37	1083220	20.0
10-Octadecenoic a...	12.47	117.2	ng	6348000	4	11.37	1083220	20.0
Octadecanoic acid	12.69	17.3	ng	938734	4	11.37	1083220	20.0
unknown14.92	14.92	4.8	ng	317631	6	15.52	1319510	20.0
Benzo[e]pyrene	15.39	7.6	ng	498848	6	15.52	1319510	20.0