

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF061119\
 Data File : BF114940.D
 Acq On : 11 Jun 2019 12:33
 Operator : HP/JU
 Sample : K3160-05
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EO-02-060619-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-BF061019.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	5.257	535	539	563	rVB	3419196	3934605	15.88%	2.900%
2	6.298	711	716	719	rBV	4150850	3935226	15.88%	2.901%
3	6.422	733	737	741	rBV	4421950	4199607	16.95%	3.095%
4	6.651	773	776	780	rBV	1458401	1299557	5.25%	0.958%
5	6.810	799	803	807	rBV	3972213	3389766	13.68%	2.499%
6	7.216	864	872	875	rBV	3047193	2677416	10.81%	1.973%
7	7.933	991	994	997	rBV	2078457	1953076	7.88%	1.440%
8	8.445	1077	1081	1084	rBV2	261090	288345	1.16%	0.213%
9	8.545	1093	1098	1100	rBV3	238412	291623	1.18%	0.215%
10	8.645	1111	1115	1119	rVB3	223681	275006	1.11%	0.203%
11	9.016	1174	1178	1181	rBV	5529645	5111221	20.63%	3.767%
12	9.110	1191	1194	1197	rVB	404916	322169	1.30%	0.237%
13	9.269	1217	1221	1228	rBV5	200747	371947	1.50%	0.274%
14	9.404	1241	1244	1247	rBV	549421	537897	2.17%	0.396%
15	9.633	1280	1283	1286	rVB	590836	471503	1.90%	0.348%
16	9.680	1286	1291	1295	rBV	2359481	2373372	9.58%	1.749%
17	9.892	1319	1327	1330	rBV7	237107	602199	2.43%	0.444%
18	9.957	1335	1338	1342	rVB2	367153	365273	1.47%	0.269%
19	10.133	1365	1368	1371	rVB	897719	641137	2.59%	0.473%
20	10.351	1401	1405	1408	rBV	386978	455378	1.84%	0.336%
21	10.469	1421	1425	1429	rVB	3719590	3503133	14.14%	2.582%
22	10.604	1444	1448	1454	rBV	1048101	1276375	5.15%	0.941%
23	10.798	1478	1481	1485	rBV3	240767	294172	1.19%	0.217%
24	11.051	1520	1524	1526	rBV2	1081095	947511	3.82%	0.698%
25	11.080	1526	1529	1535	rVB	516615	511114	2.06%	0.377%
26	11.157	1538	1542	1544	rBV	2695136	2331743	9.41%	1.719%
27	11.180	1544	1546	1550	rVV	1776118	1356396	5.47%	1.000%
28	11.227	1551	1554	1558	rVB	464781	429237	1.73%	0.316%
29	11.474	1593	1596	1598	rBV	1146701	1016047	4.10%	0.749%
30	11.492	1598	1599	1602	rVB	710171	431610	1.74%	0.318%
31	11.580	1609	1614	1617	rBV	9420210	10185582	41.11%	7.508%
32	11.657	1625	1627	1629	rVB	363883	263076	1.06%	0.194%
33	11.686	1629	1632	1633	rBV	445715	374525	1.51%	0.276%
34	11.721	1633	1638	1643	rVB	2827530	3588959	14.49%	2.645%

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35	11.769	1643	1646	1648	rBV	544457	500945	2.02%	0.369%
36	11.880	1662	1665	1669	rVB	967193	993230	4.01%	0.732%
37	11.974	1679	1681	1685	rVB2	346272	324470	1.31%	0.239%
38	12.274	1724	1732	1734	rBV	10500985	24775644	100.00%	18.262%
39	12.368	1744	1748	1751	rBV2	7324994	6980288	28.17%	5.145%
40	12.404	1751	1754	1755	rVV2	1597287	1868058	7.54%	1.377%
41	12.421	1755	1757	1765	rVV	3317797	4133558	16.68%	3.047%
42	12.504	1765	1771	1781	rVB	3915141	4939649	19.94%	3.641%
43	12.592	1782	1786	1791	rVB	2046943	2063424	8.33%	1.521%
44	12.639	1791	1794	1796	rBV2	672003	569224	2.30%	0.420%
45	12.745	1808	1812	1816	rVB	5175501	5133535	20.72%	3.784%
46	12.921	1839	1842	1847	rVB2	521868	669016	2.70%	0.493%
47	13.004	1854	1856	1858	rVB	1079738	812120	3.28%	0.599%
48	13.080	1867	1869	1872	rVB	930641	742272	3.00%	0.547%
49	13.239	1893	1896	1902	rVB4	707231	786687	3.18%	0.580%
50	13.286	1902	1904	1908	rVV4	364290	342836	1.38%	0.253%
51	13.333	1909	1912	1915	rVB	509350	505856	2.04%	0.373%
52	13.498	1937	1940	1943	rBV3	277589	326016	1.32%	0.240%
53	13.657	1963	1967	1970	rVB2	720491	846256	3.42%	0.624%
54	13.745	1979	1982	1984	rBV	831239	758241	3.06%	0.559%
55	13.780	1984	1988	1991	rVV2	2298181	2820527	11.38%	2.079%
56	13.804	1991	1992	1995	rVB	730981	510713	2.06%	0.376%
57	13.974	2018	2021	2024	rVB	674077	628208	2.54%	0.463%
58	14.257	2066	2069	2070	rBV	478935	473004	1.91%	0.349%
59	14.280	2070	2073	2076	rVB	915343	983418	3.97%	0.725%
60	14.368	2085	2088	2094	rBV4	467316	556737	2.25%	0.410%
61	14.574	2120	2123	2128	rBV	1533469	1611106	6.50%	1.188%
62	14.674	2136	2140	2144	rBV	825030	1063487	4.29%	0.784%
63	14.786	2155	2159	2165	rBV	588531	1179679	4.76%	0.870%
64	14.880	2172	2175	2182	rVB	1632264	1711428	6.91%	1.261%
65	15.051	2202	2204	2209	rVB	493848	560850	2.26%	0.413%
66	15.109	2211	2214	2217	rVV	616982	723628	2.92%	0.533%
67	15.168	2220	2224	2227	rVV	1458593	1723754	6.96%	1.271%
68	15.221	2230	2233	2240	rVB	1309870	1705778	6.88%	1.257%
69	15.615	2296	2300	2304	rBV	955550	1340684	5.41%	0.988%

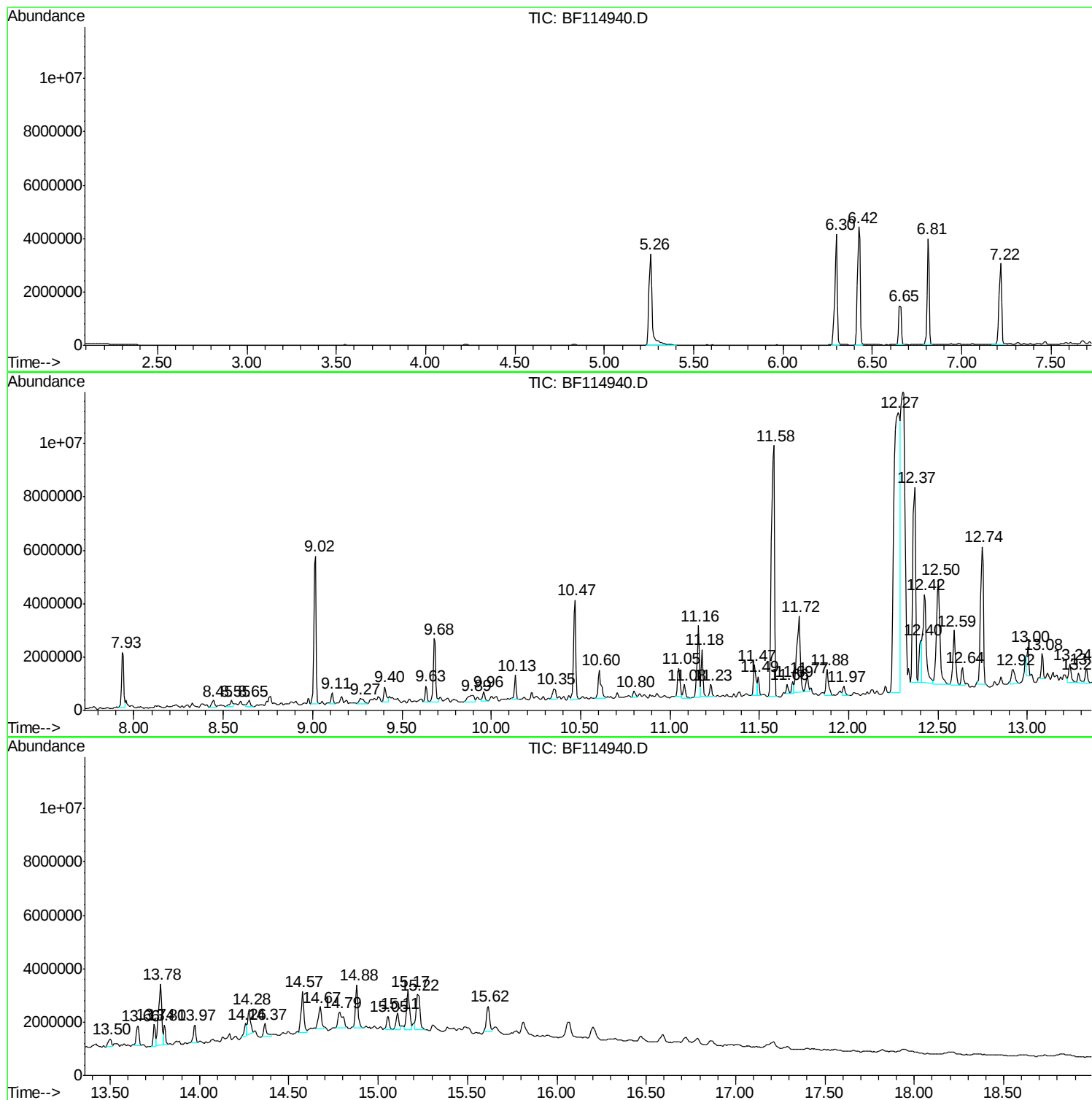
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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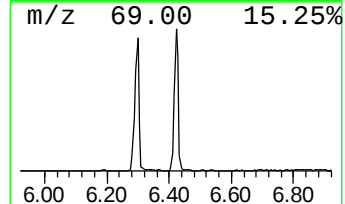
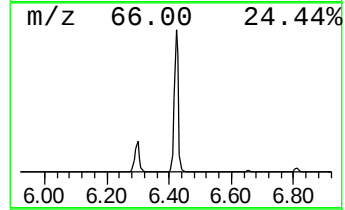
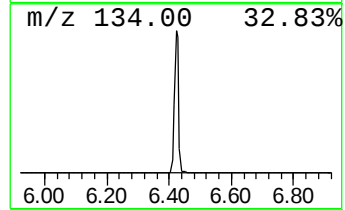
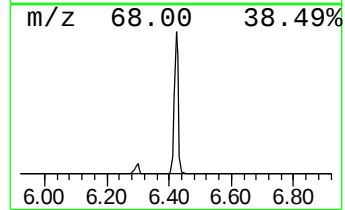
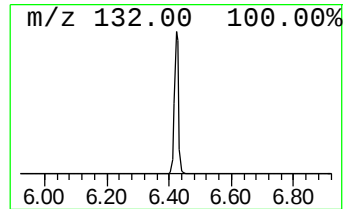
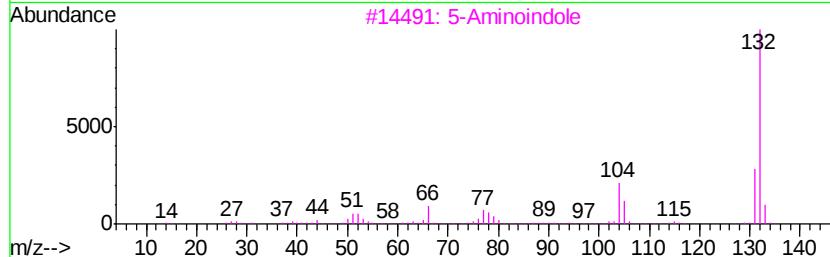
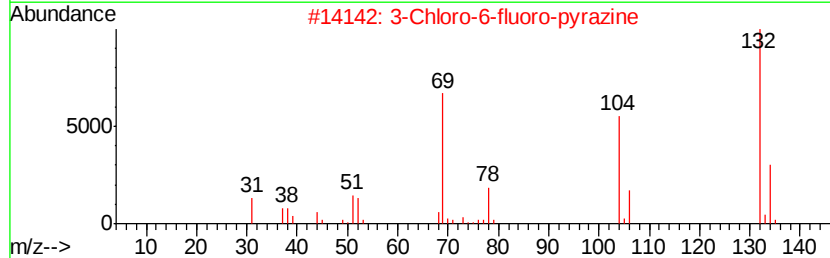
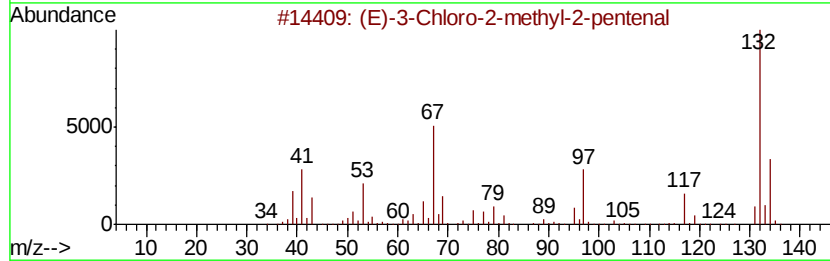
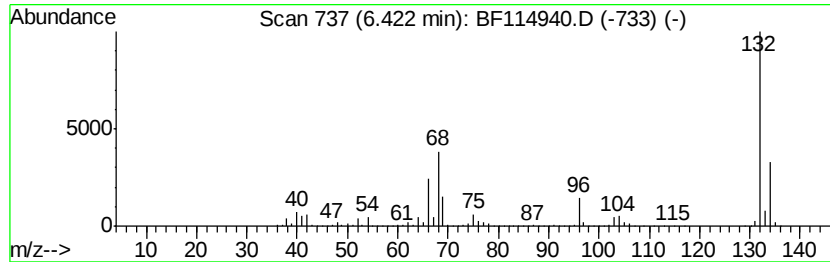
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 unknown6.42 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.42	64.63 ng	4199610	1,4-Dichlorobenzene-d4	6.66

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	17
2		3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	16
3		5-Aminoindole	132	C8H8N2	005192-03-0	12
4		4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	9
5		4-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-60-2	9



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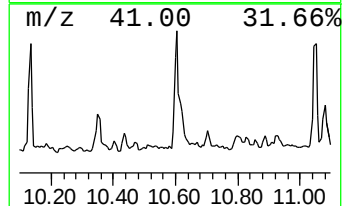
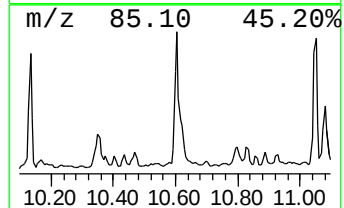
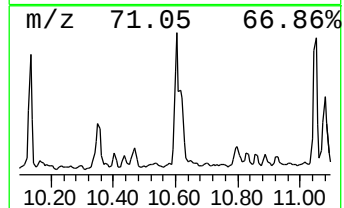
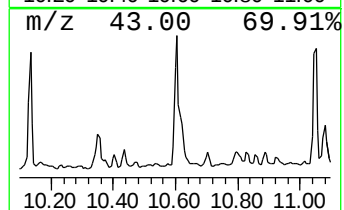
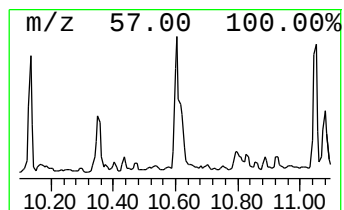
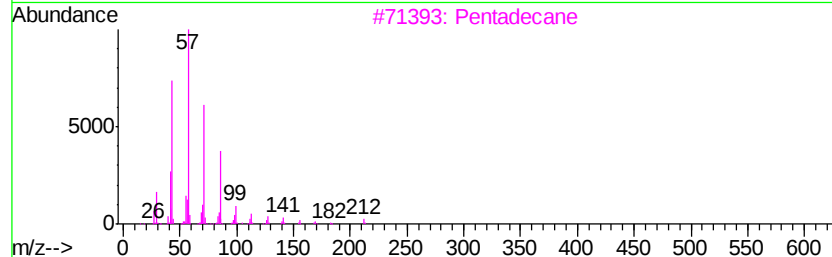
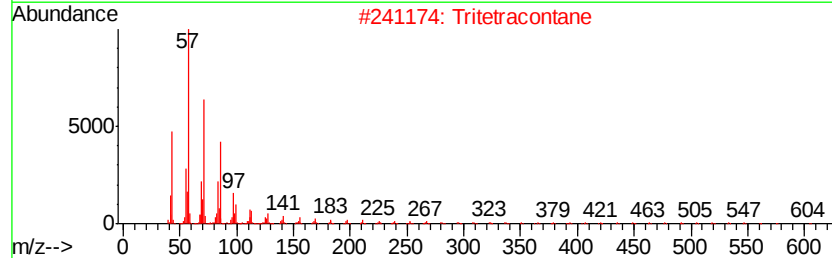
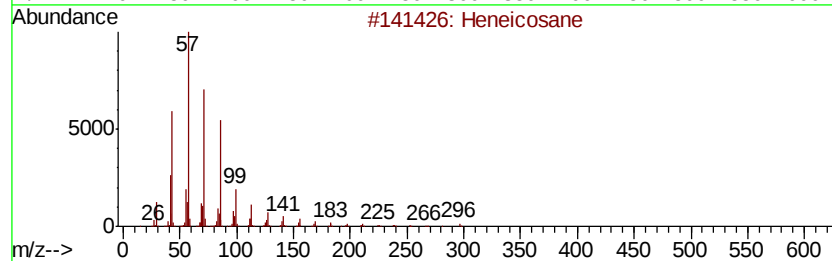
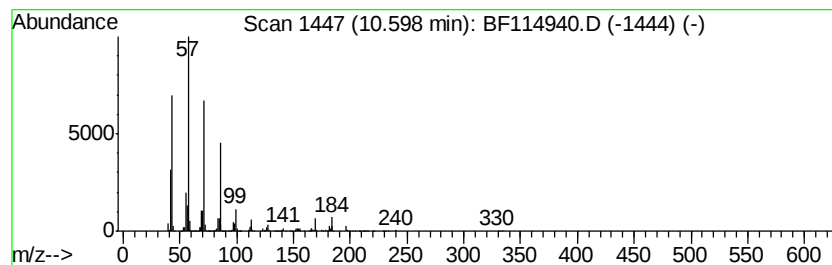
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 3 Heneicosane Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.60	10.95 ng	1276380	Phenanthrene-d10	11.16

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane		296	C21H44	000629-94-7	91
2	Tritetracontane		605	C43H88	007098-21-7	90
3	Pentadecane		212	C15H32	000629-62-9	90
4	Heptadecane		240	C17H36	000629-78-7	90
5	Tetracosane		338	C24H50	000646-31-1	86



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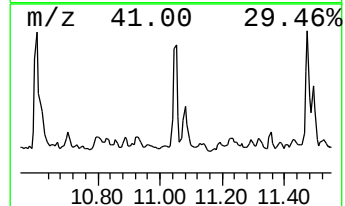
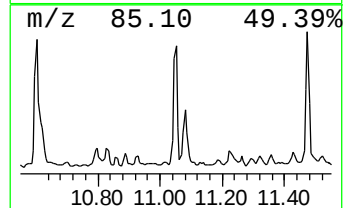
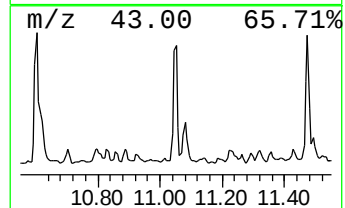
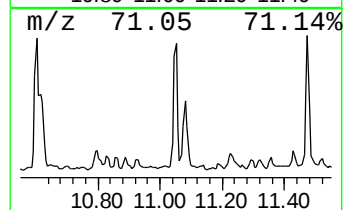
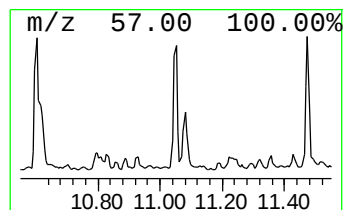
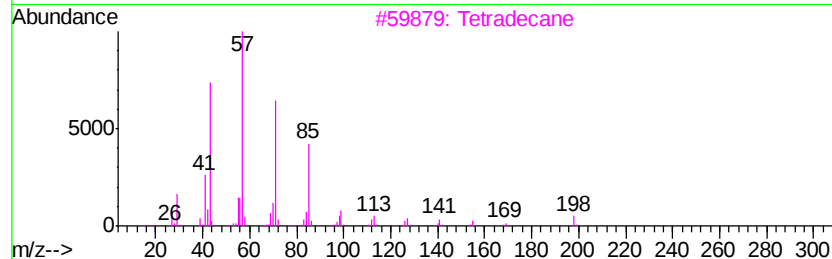
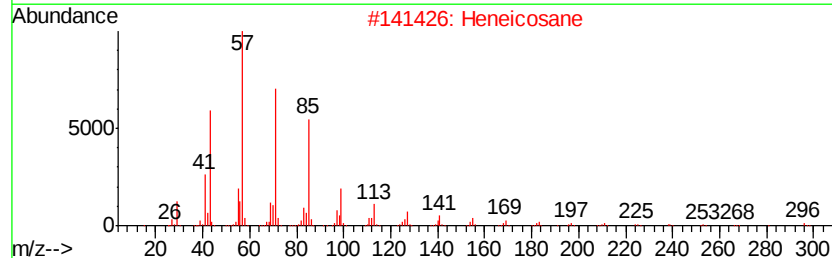
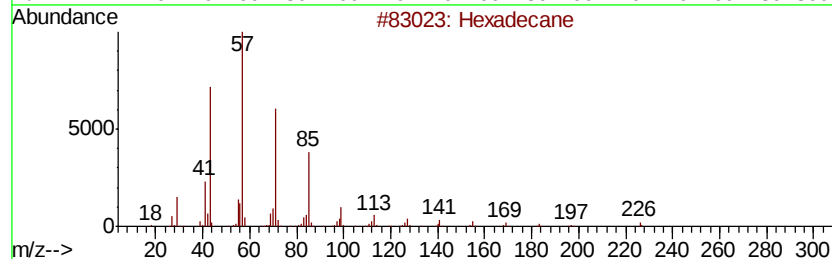
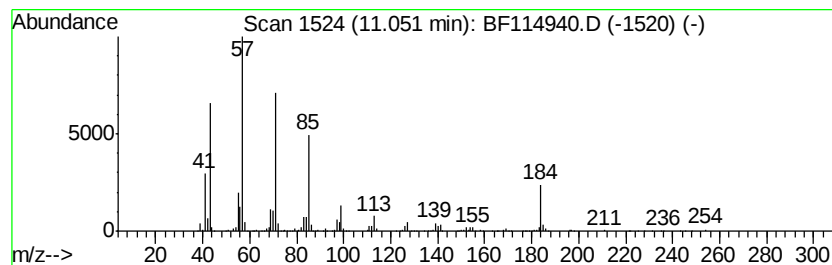
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Peak Number 4 Hexadecane Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.05	8.13 ng	947511	Phenanthrene-d10	11.16

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexadecane	226	C16H34	000544-76-3	74
2		Heneicosane	296	C21H44	000629-94-7	74
3		Tetradecane	198	C14H30	000629-59-4	74
4		Heptacosane, 1-chloro-	414	C27H55Cl	062016-79-9	72
5		Tridecane, 1-iodo-	310	C13H27I	035599-77-0	72



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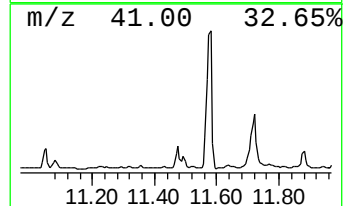
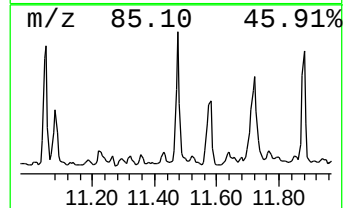
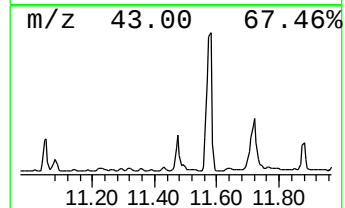
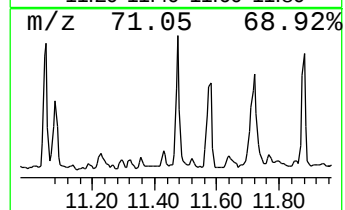
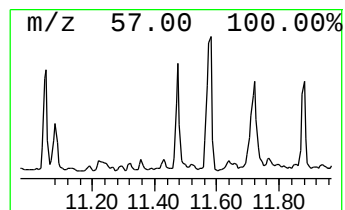
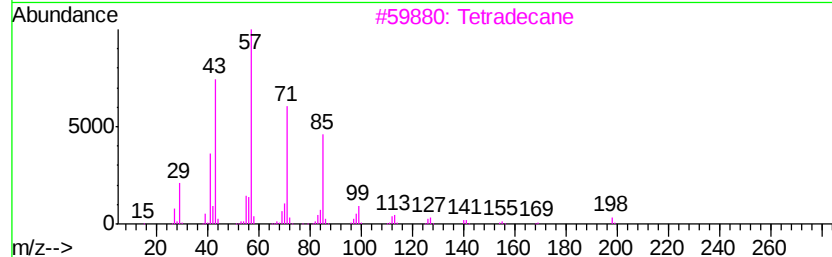
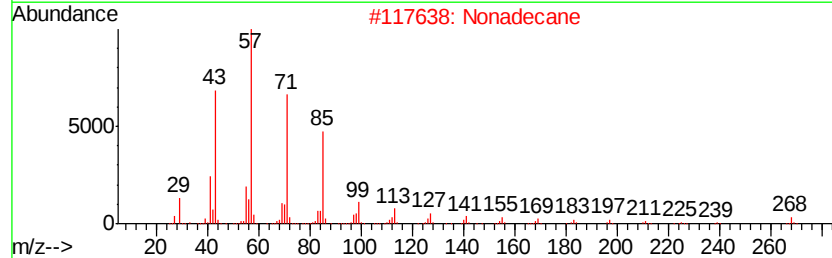
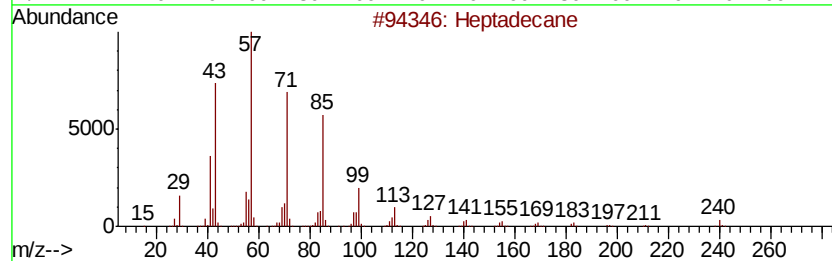
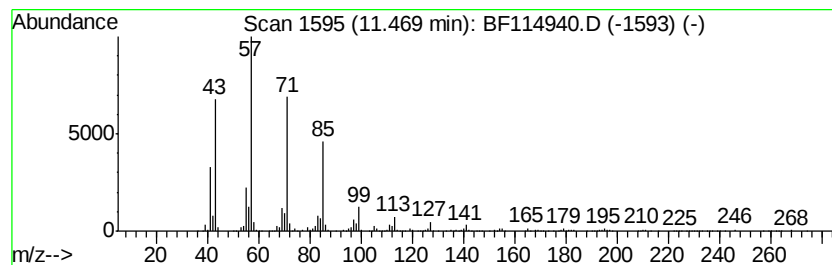
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Peak Number 5 Heptadecane Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.47	8.71 ng	1016050	Phenanthrene-d10	11.16

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane		240	C17H36	000629-78-7	97
2	Nonadecane		268	C19H40	000629-92-5	95
3	Tetradecane		198	C14H30	000629-59-4	95
4	Heneicosane		296	C21H44	000629-94-7	87
5	Tetracosane		338	C24H50	000646-31-1	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061119\
Data File : BF114940.D
Acq On : 11 Jun 2019 12:33
Operator : HP/JU
Sample : K3160-05
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EO-02-060619-C

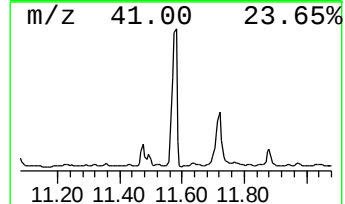
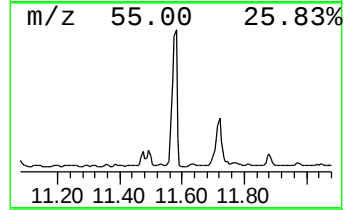
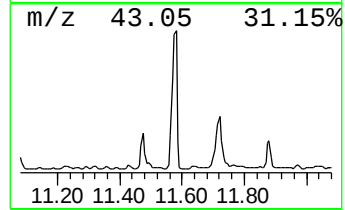
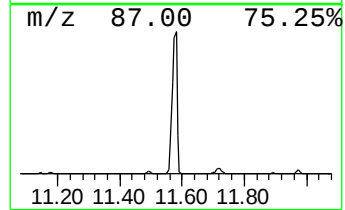
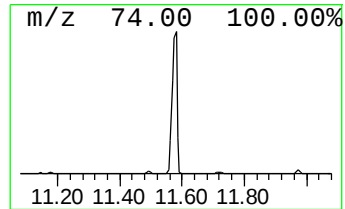
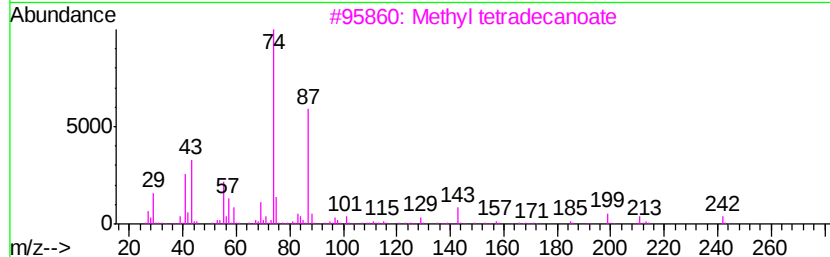
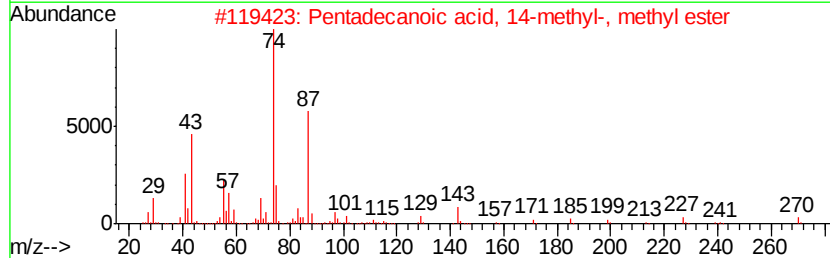
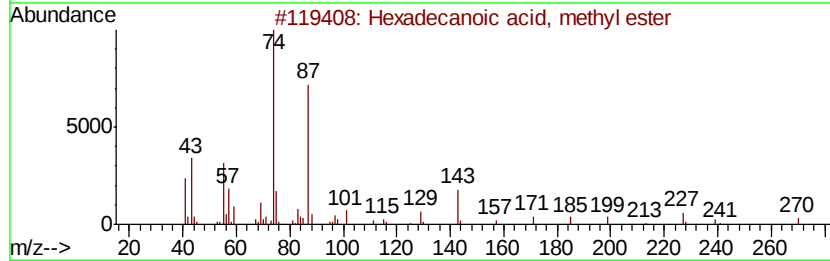
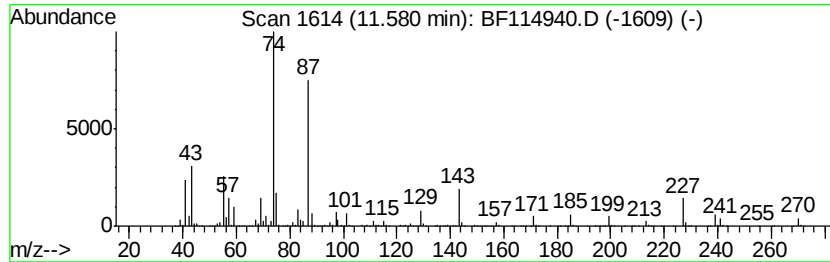
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Hexadecanoic acid, methyl e... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.58	87.36 ng	10185600	Phenanthrene-d10	11.16

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	94
3		Methyl tetradecanoate	242	C15H30O2	000124-10-7	91
4		Tridecanoic acid, methyl ester	228	C14H28O2	001731-88-0	89
5		Tridecanoic acid, 12-methyl-, me...	242	C15H30O2	005129-58-8	80



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061119\
Data File : BF114940.D
Acq On : 11 Jun 2019 12:33
Operator : HP/JU
Sample : K3160-05
Misc :
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Instrument :
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ClientSampleId :
EO-02-060619-C

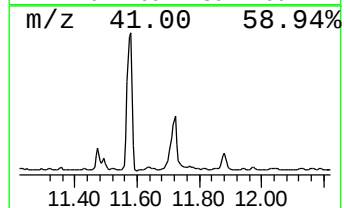
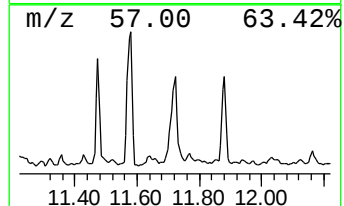
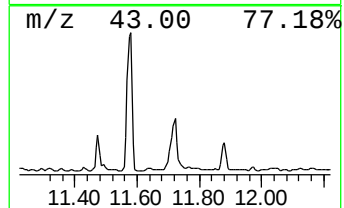
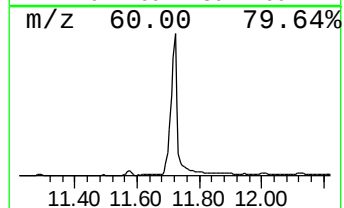
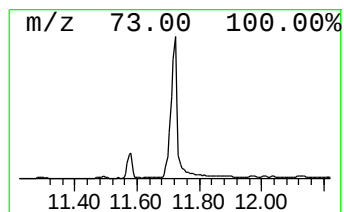
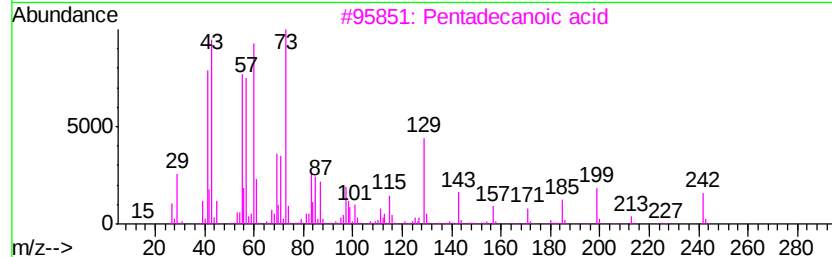
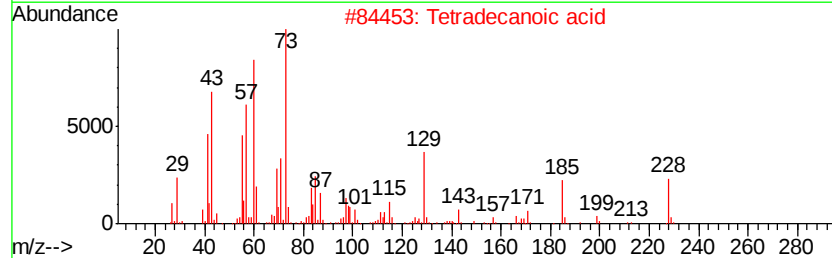
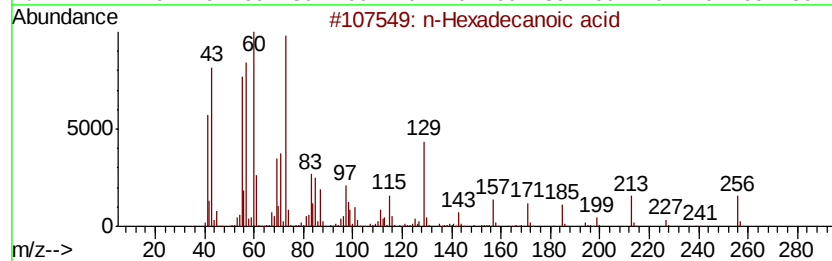
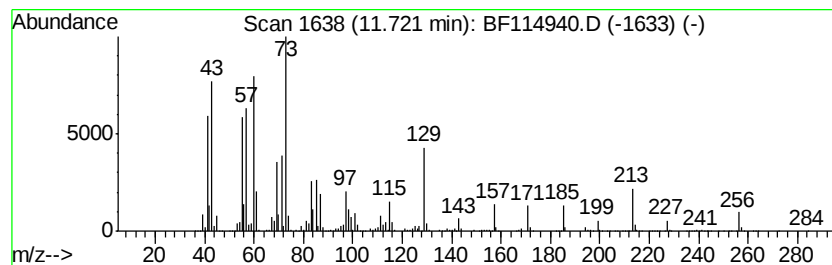
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 n-Hexadecanoic acid Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.72	30.78 ng	3588960	Phenanthrene-d10	11.16

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2		Tetradecanoic acid	228	C14H28O2	000544-63-8	94
3		Pentadecanoic acid	242	C15H30O2	001002-84-2	90
4		Undecanoic acid	186	C11H22O2	000112-37-8	83
5		Tridecanoic acid	214	C13H26O2	000638-53-9	81



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061119\
Data File : BF114940.D
Acq On : 11 Jun 2019 12:33
Operator : HP/JU
Sample : K3160-05
Misc :
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ClientSampleId :
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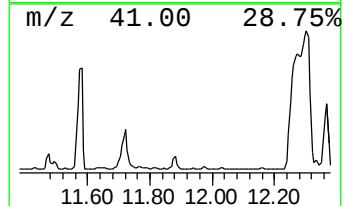
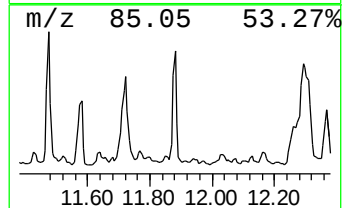
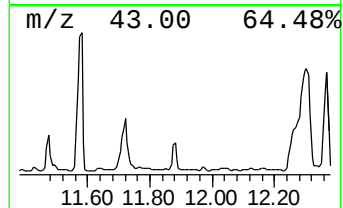
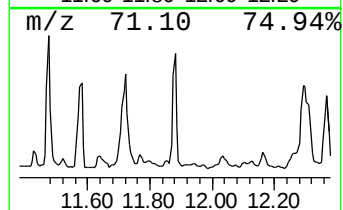
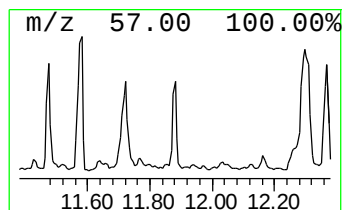
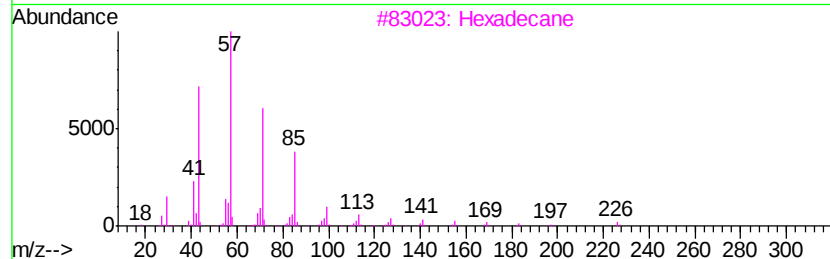
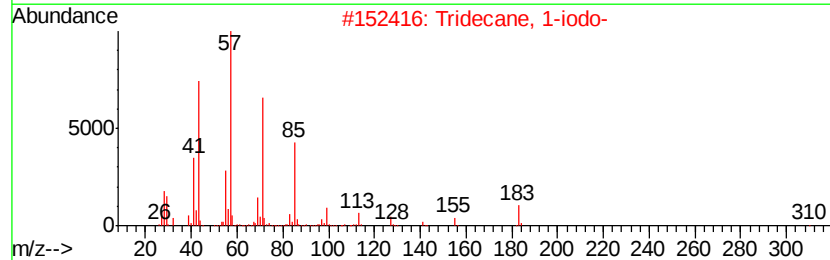
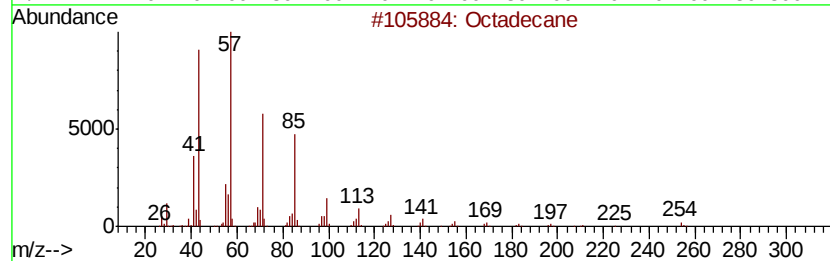
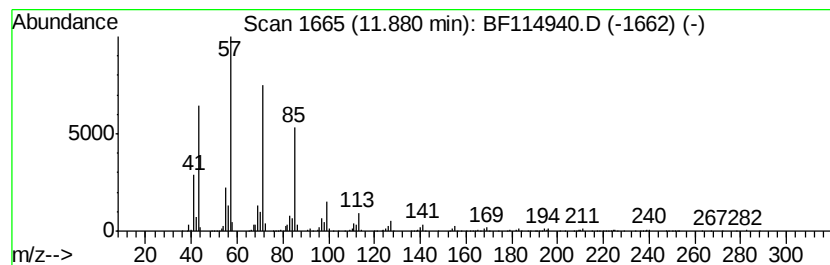
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Octadecane Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.88	8.52 ng	993230	Phenanthrene-d10	11.16

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octadecane	254	C18H38	000593-45-3	91
2			Tridecane, 1-iodo-	310	C13H27I	035599-77-0	90
3			Hexadecane	226	C16H34	000544-76-3	90
4			Tetradecane	198	C14H30	000629-59-4	87
5			2-Bromo dodecane	248	C12H25Br	013187-99-0	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061119\
Data File : BF114940.D
Acq On : 11 Jun 2019 12:33
Operator : HP/JU
Sample : K3160-05
Misc :
ALS Vial : 6 Sample Multiplier: 1

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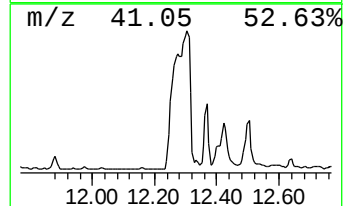
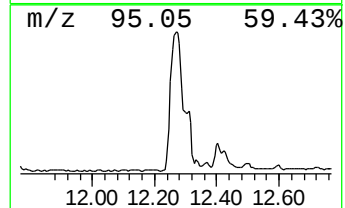
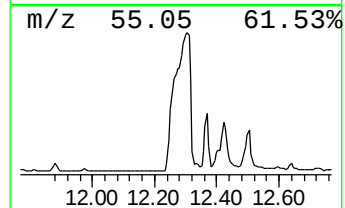
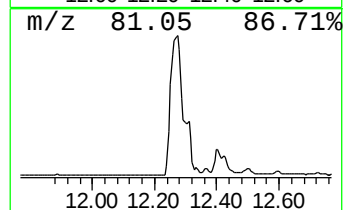
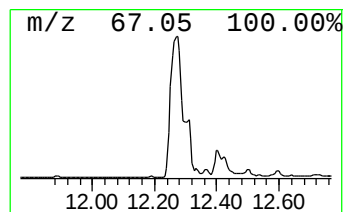
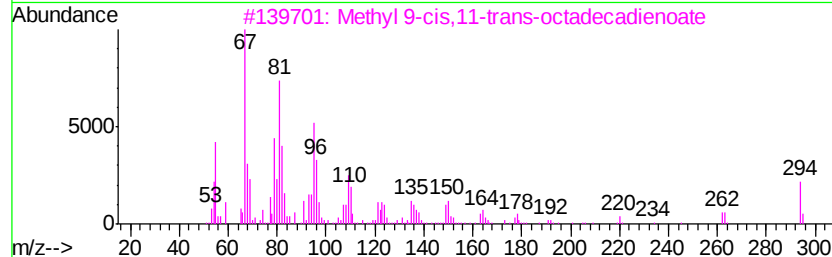
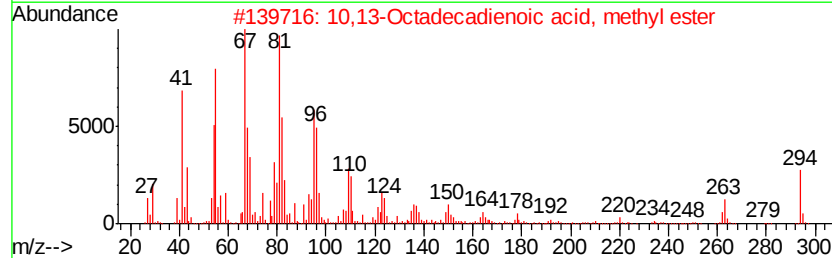
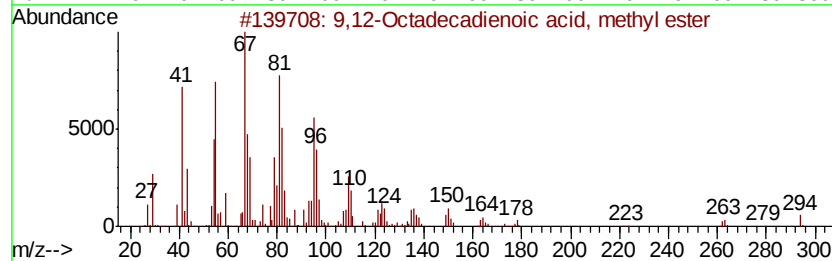
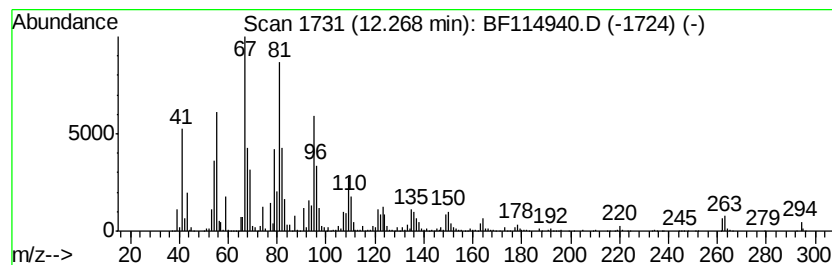
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.27	212.51 ng	24775600	Phenanthrene-d10	11.16

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	9,12-Octadecadienoic acid, methy...	294	C19H34O2	002462-85-3	99
2		10,13-Octadecadienoic acid, meth...	294	C19H34O2	056554-62-2	99
3		Methyl 9-cis,11-trans-octadecadi...	294	C19H34O2	1000336-44-0	99
4		9,12-Octadecadienoic acid, methy...	294	C19H34O2	002566-97-4	99
5		9,12-Octadecadienoic acid (Z,Z)-...	294	C19H34O2	000112-63-0	99



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061119\
Data File : BF114940.D
Acq On : 11 Jun 2019 12:33
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Sample : K3160-05
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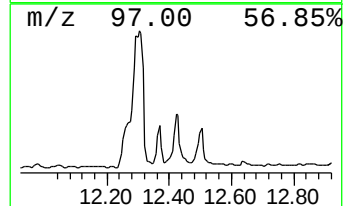
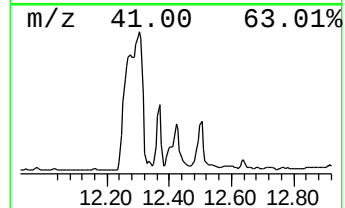
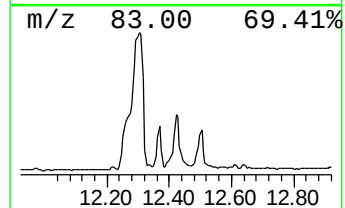
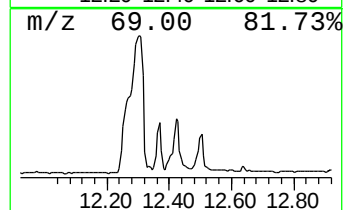
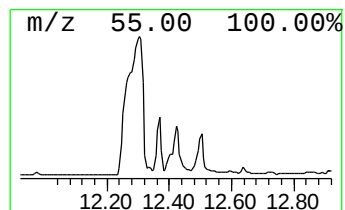
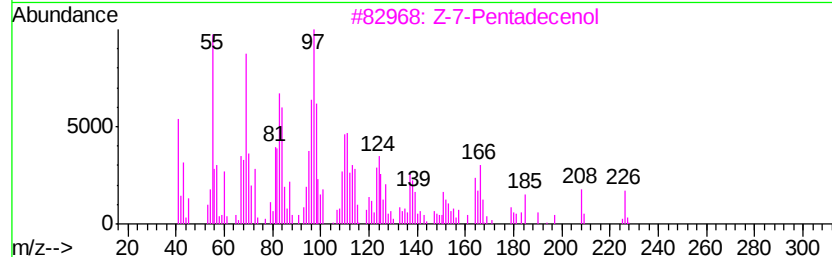
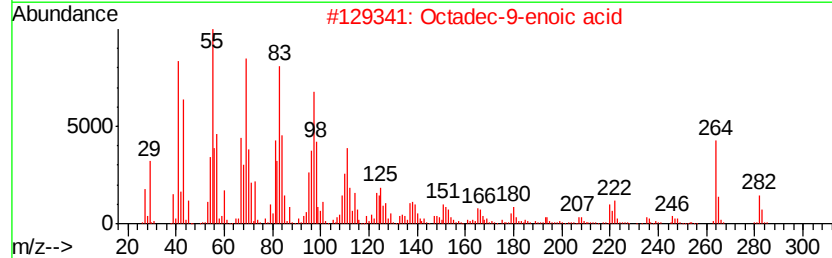
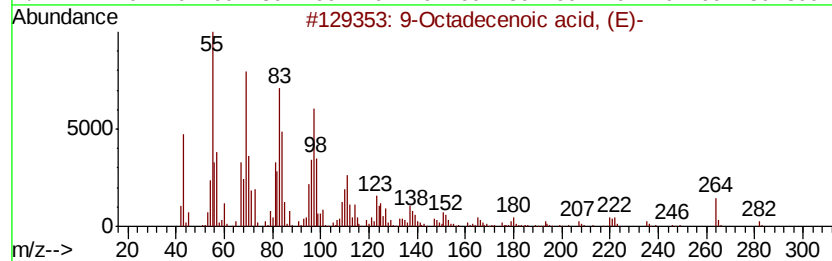
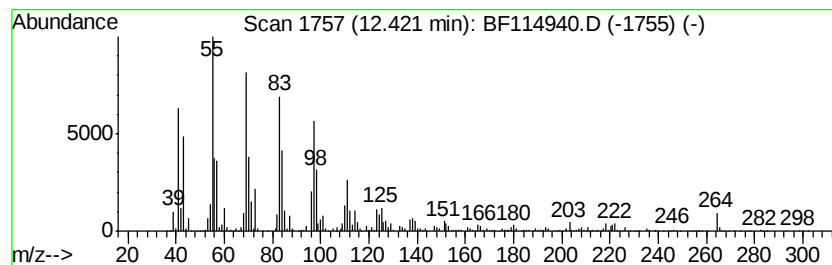
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 9-Octadecenoic acid, (E)- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.	
12.42	35.45 ng	4133560	Phenanthrene-d10	11.16	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Octadecenoic acid, (E)-	282	C18H34O2	000112-79-8	83
2	Octadec-9-enoic acid	282	C18H34O2	1000190-13-7	68
3	Z-7-Pentadecenol	226	C15H30O	1000130-76-6	62
4	Cyclopentadecane	210	C15H30	000295-48-7	58
5	14-Pentadecenoic acid	240	C15H28O2	017351-34-7	58



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061119\
Data File : BF114940.D
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ClientSampleId :
EO-02-060619-C

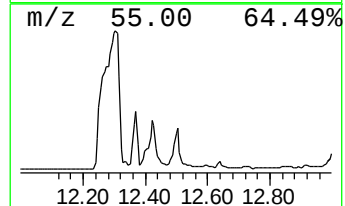
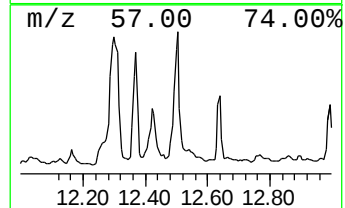
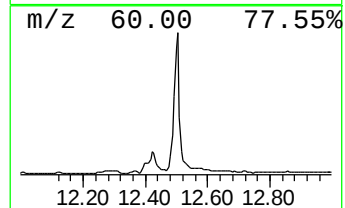
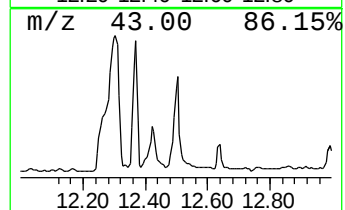
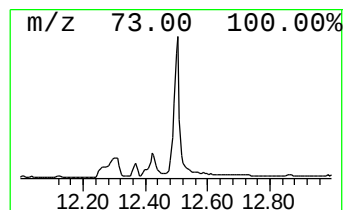
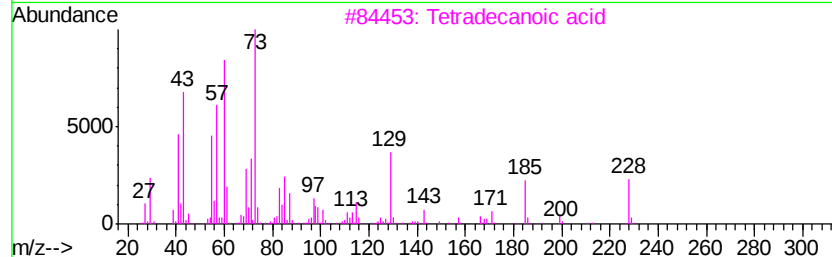
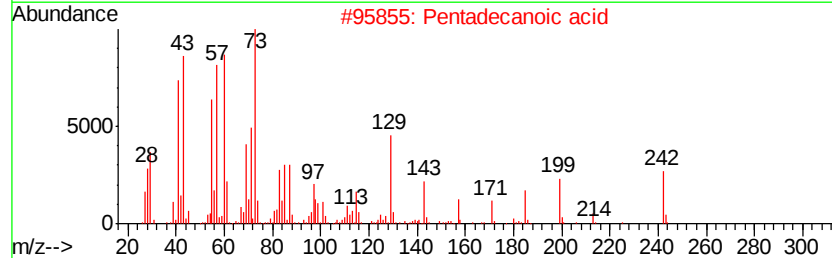
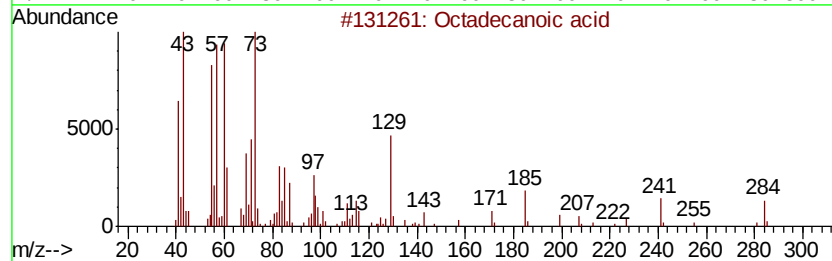
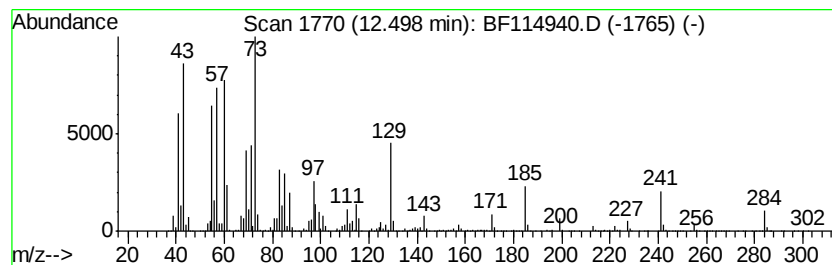
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Octadecanoic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.50	35.03 ng	4939650	Chrysene-d12	13.78

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octadecanoic acid	284	C18H36O2	000057-11-4	99
2			Pentadecanoic acid	242	C15H30O2	001002-84-2	90
3			Tetradecanoic acid	228	C14H28O2	000544-63-8	83
4			n-Decanoic acid	172	C10H20O2	000334-48-5	70
5			Oxalic acid, isobutyl heptadecyl...	384	C23H44O4	1000309-38-2	18



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061119\
Data File : BF114940.D
Acq On : 11 Jun 2019 12:33
Operator : HP/JU
Sample : K3160-05
Misc :
ALS Vial : 6 Sample Multiplier: 1

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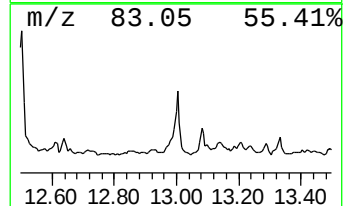
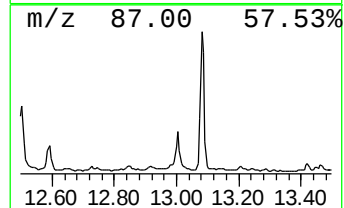
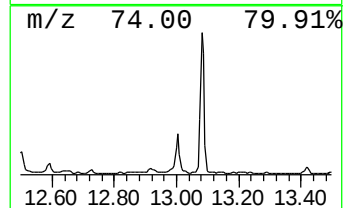
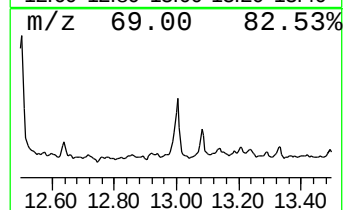
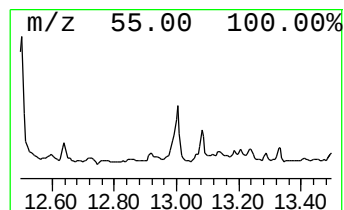
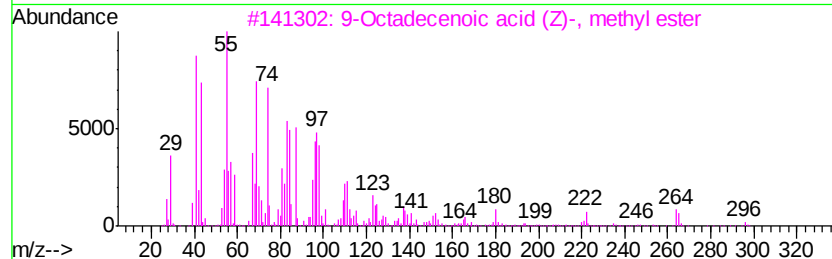
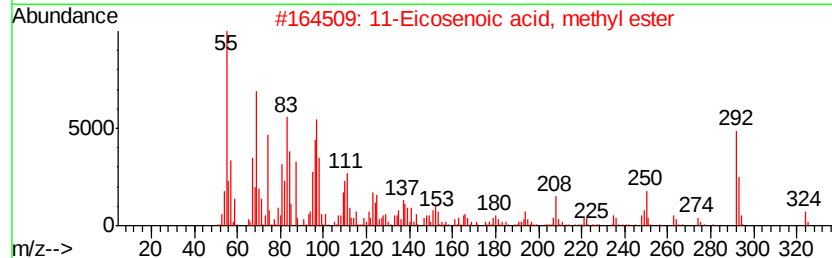
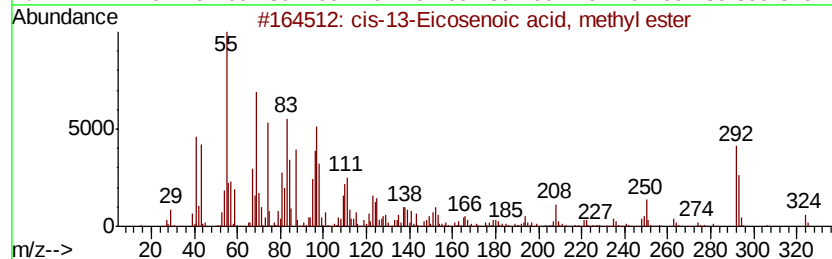
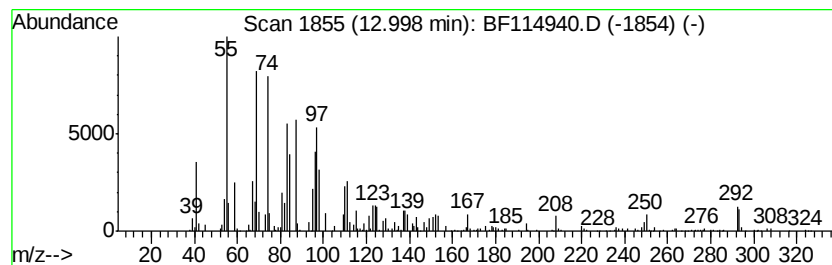
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 cis-13-Eicosenoic acid, met... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.00	5.76 ng	812120	Chrysene-d12	13.78

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			cis-13-Eicosenoic acid, methyl e...	324	C21H40O2	1000333-52-1	93
2			11-Eicosenoic acid, methyl ester	324	C21H40O2	003946-08-5	91
3			9-Octadecenoic acid (Z)-, methyl...	296	C19H36O2	000112-62-9	87
4			cis-11-Eicosenoic acid, methyl e...	324	C21H40O2	1000333-63-8	78
5			9-Hexadecenoic acid, methyl este...	268	C17H32O2	001120-25-8	58



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061119\
Data File : BF114940.D
Acq On : 11 Jun 2019 12:33
Operator : HP/JU
Sample : K3160-05
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EO-02-060619-C

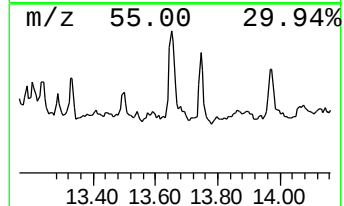
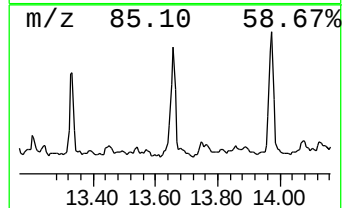
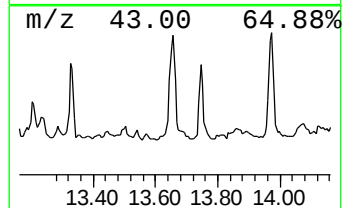
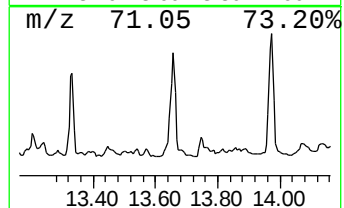
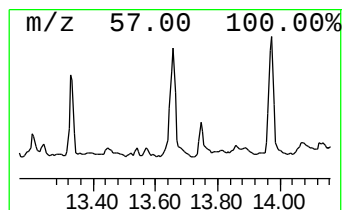
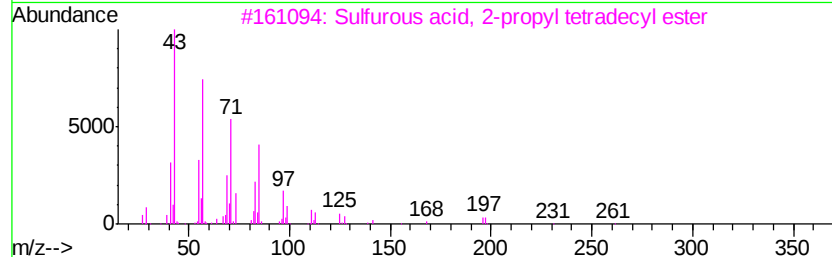
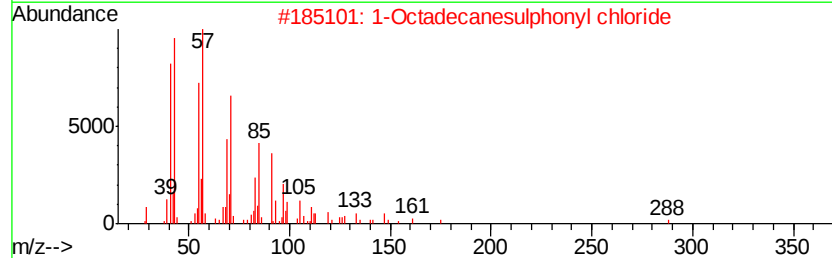
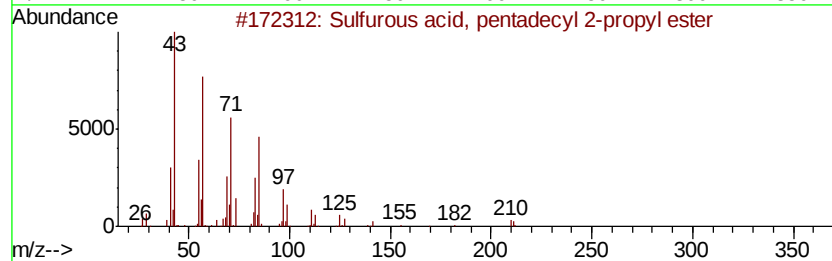
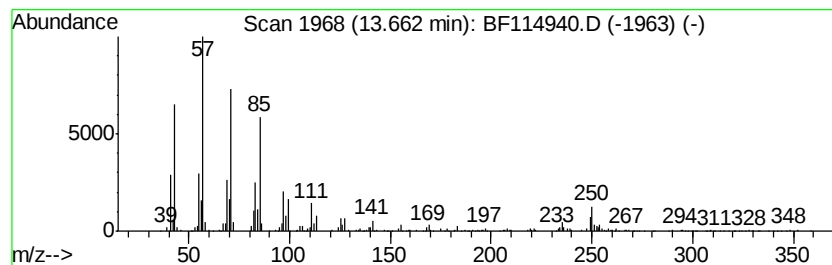
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Sulfurous acid, pentadecyl ... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.66	6.00 ng	846256	Chrysene-d12	13.78

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Sulfurous acid, pentadecyl 2-pro...	334	C18H38O3S	1000309-12-6	91
2		1-Octadecanesulphonyl chloride	352	C18H37ClO2S	1000342-70-4	91
3		Sulfurous acid, 2-propyl tetradec...	320	C17H36O3S	1000309-12-5	91
4		Tritetracontane	605	C43H88	007098-21-7	87
5		Hexadecane, 1-chloro-	260	C16H33Cl	004860-03-1	76



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061119\
Data File : BF114940.D
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Operator : HP/JU
Sample : K3160-05
Misc :
ALS Vial : 6 Sample Multiplier: 1

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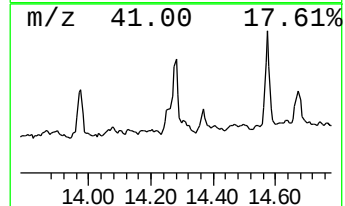
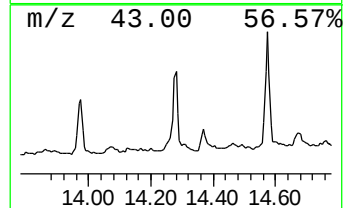
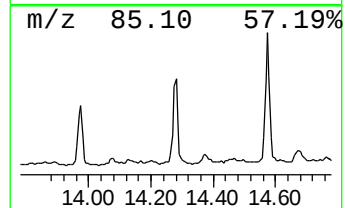
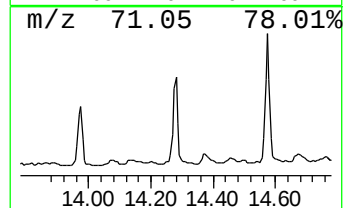
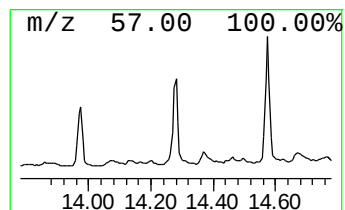
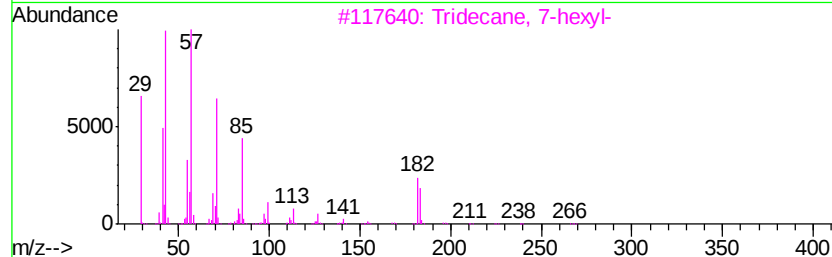
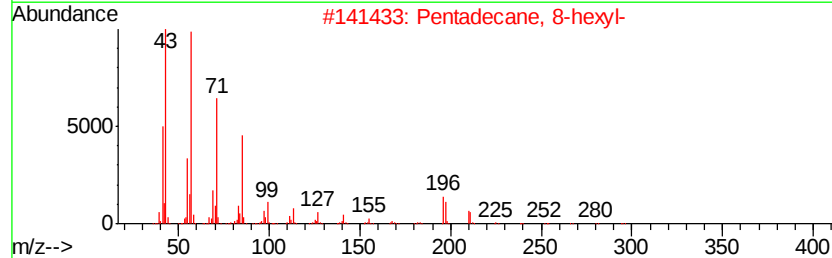
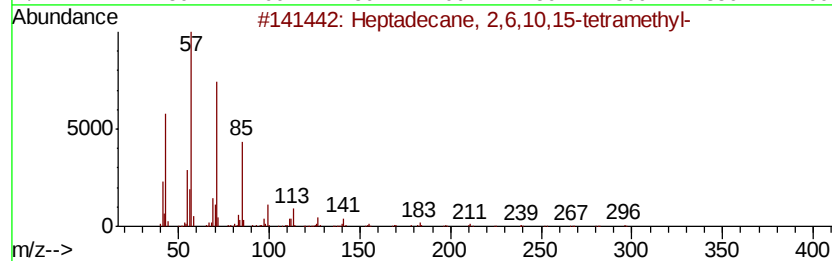
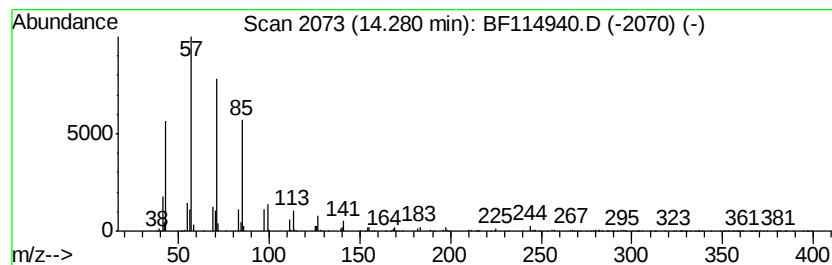
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Heptadecane, 2,6,10,15-tetr... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.28	6.97 ng	983418	Chrysene-d12	13.78

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	94
2		Pentadecane, 8-hexyl-	296	C21H44	013475-75-7	94
3		Tridecane, 7-hexyl-	268	C19H40	007225-66-3	90
4		Heptacosane	380	C27H56	000593-49-7	83
5		Tetracosane	338	C24H50	000646-31-1	80



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061119\
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Acq On : 11 Jun 2019 12:33
Operator : HP/JU
Sample : K3160-05
Misc :
ALS Vial : 6 Sample Multiplier: 1

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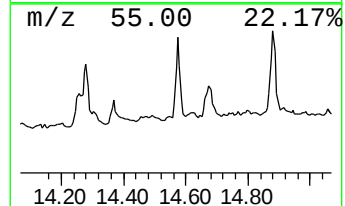
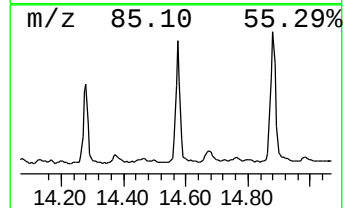
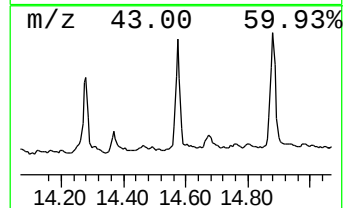
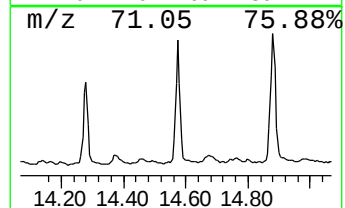
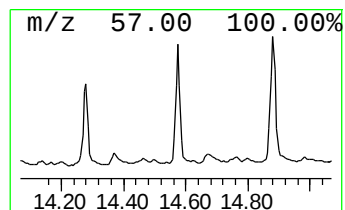
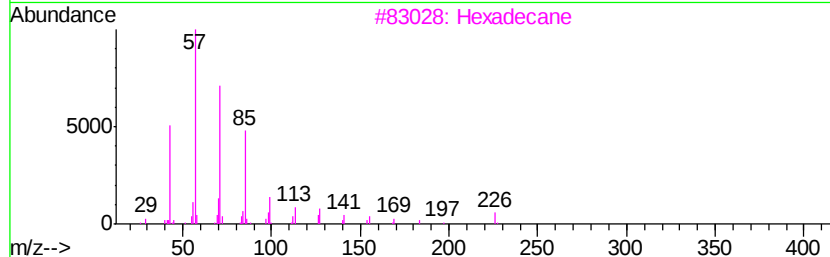
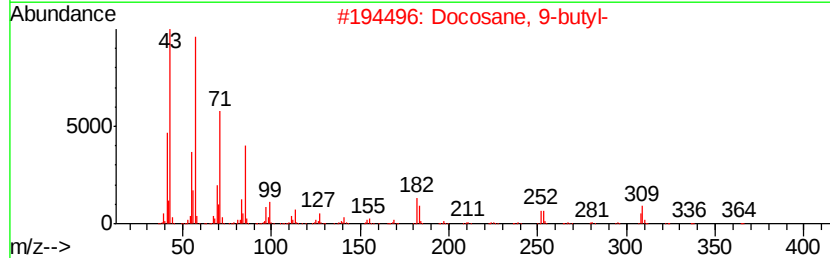
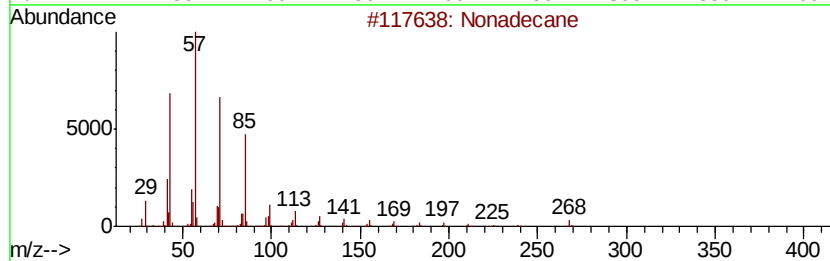
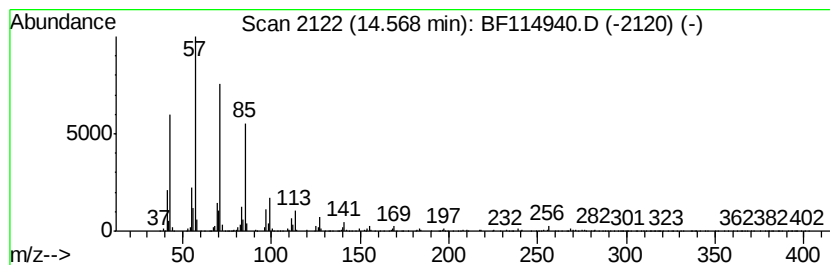
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 Nonadecane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.57	18.69 ng	1611110	Perylene-d12	15.17

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Nonadecane	268	C19H40	000629-92-5	93
2		Docosane, 9-butyl-	366	C26H54	055282-14-9	93
3		Hexadecane	226	C16H34	000544-76-3	93
4		Heneicosane	296	C21H44	000629-94-7	91
5		Heptacosane	380	C27H56	000593-49-7	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061119\
Data File : BF114940.D
Acq On : 11 Jun 2019 12:33
Operator : HP/JU
Sample : K3160-05
Misc :
ALS Vial : 6 Sample Multiplier: 1

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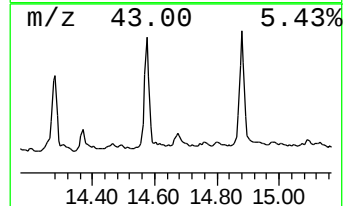
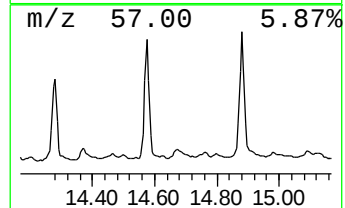
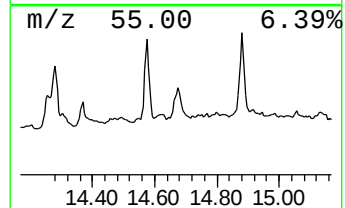
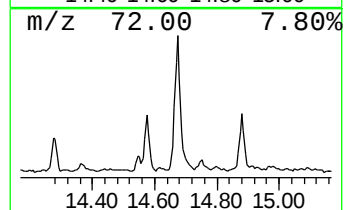
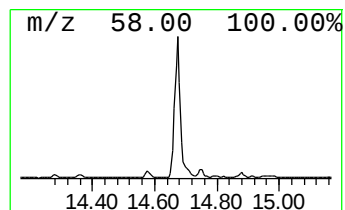
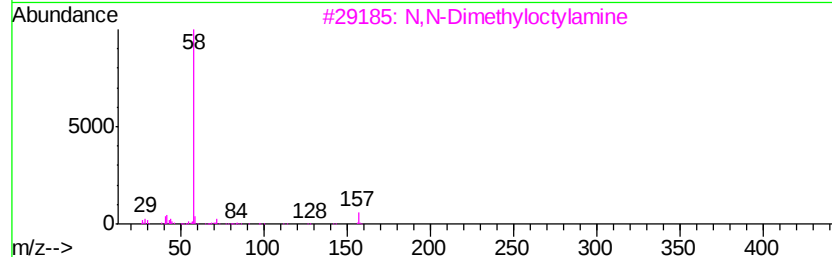
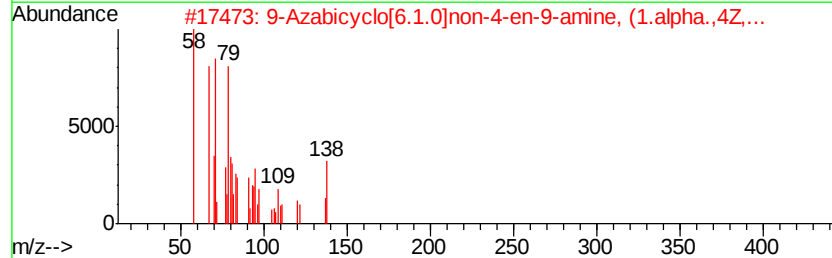
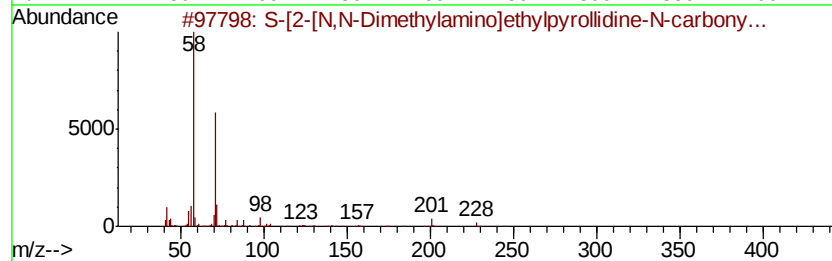
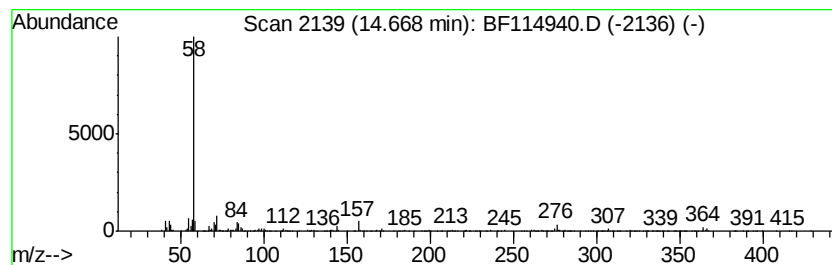
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 S-[2-[N,N-Dimethylamino]eth... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.67	12.34 ng	1063490	Perylene-d12	15.17

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	S-[2-[N,N-Dimethylamino]ethyl]pvr...	245	C10H19N3O2S	1000212-14-2	72
2		9-Azabicyclo[6.1.0]non-4-en-9-am...	138	C8H14N2	066387-78-8	70
3		N,N-Dimethyloctylamine	157	C10H23N	007378-99-6	64
4		N,N-Dimethyl-2-butoxyethylamine	145	C8H19NO	071126-58-4	64
5		1-Dodecanamine, N,N-dimethyl-	213	C14H31N	000112-18-5	64



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061119\
 Data File : BF114940.D
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 Operator : HP/JU
 Sample : K3160-05
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

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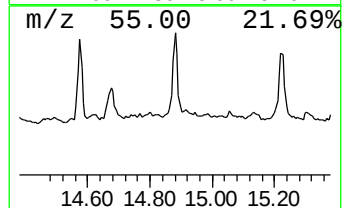
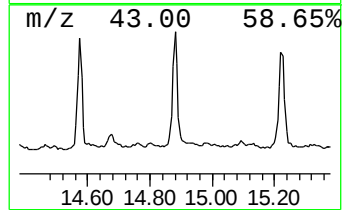
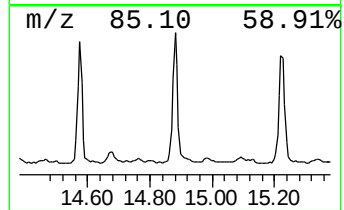
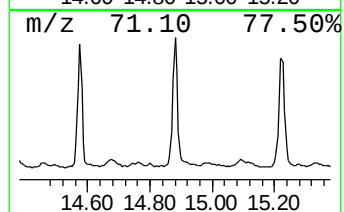
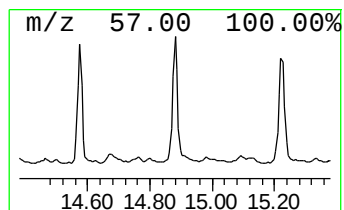
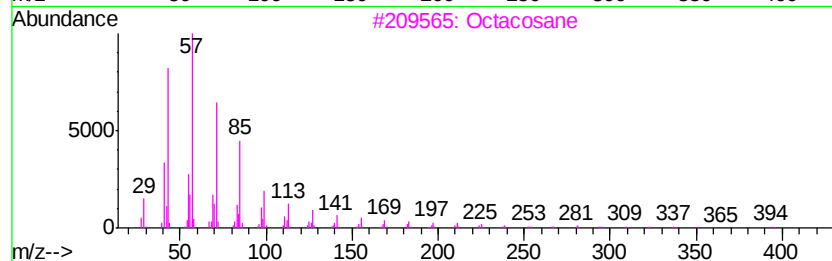
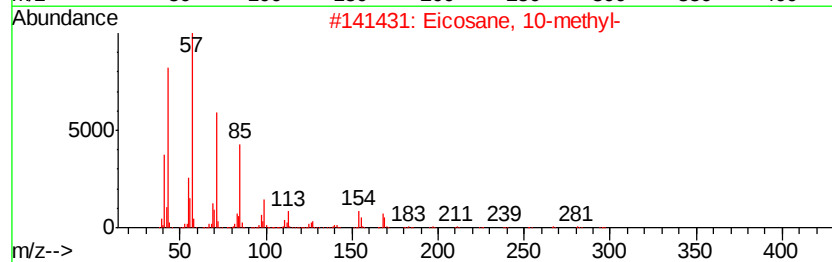
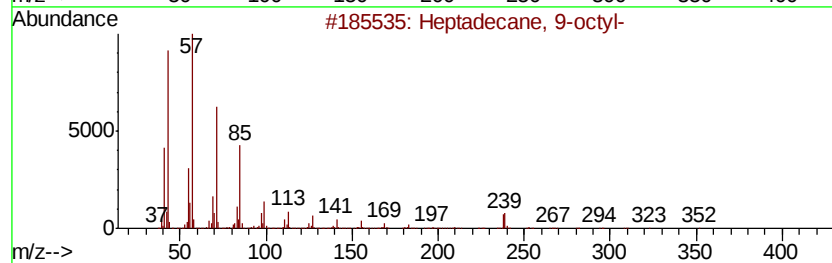
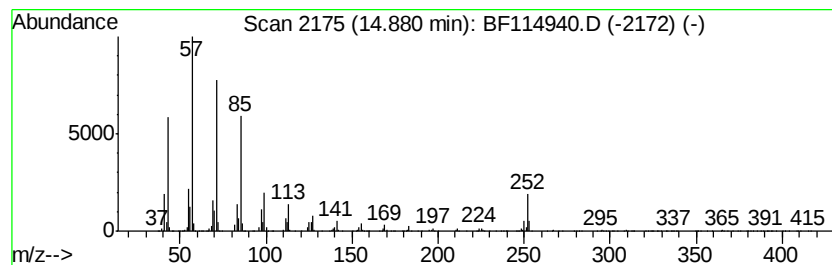
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

 Peak Number 17 Heptadecane, 9-octyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.88	19.86 ng	1711430	Perylene-d12	15.17

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91
2		Eicosane, 10-methyl-	296	C21H44	054833-23-7	91
3		Octacosane	394	C28H58	000630-02-4	90
4		Docosane, 11-butyl-	366	C26H54	013475-76-8	90
5		Heneicosane	296	C21H44	000629-94-7	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061119\
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ClientSampleId :
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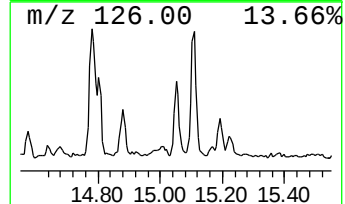
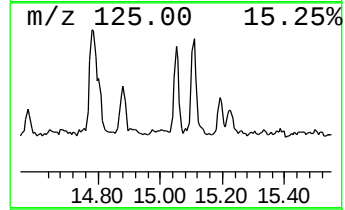
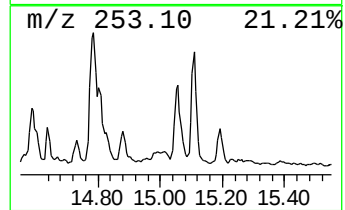
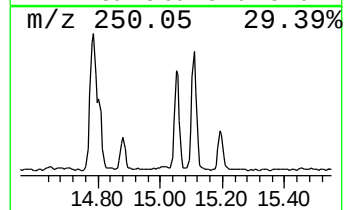
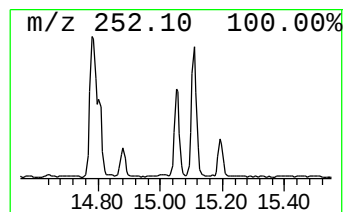
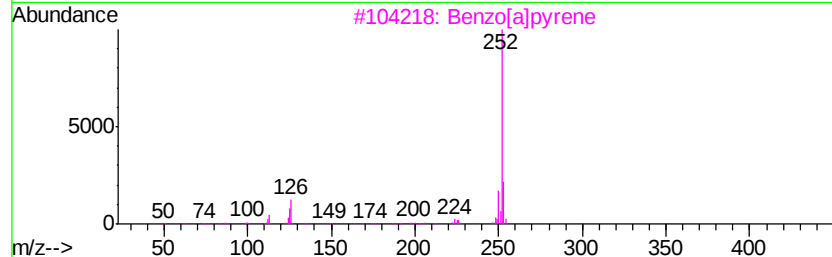
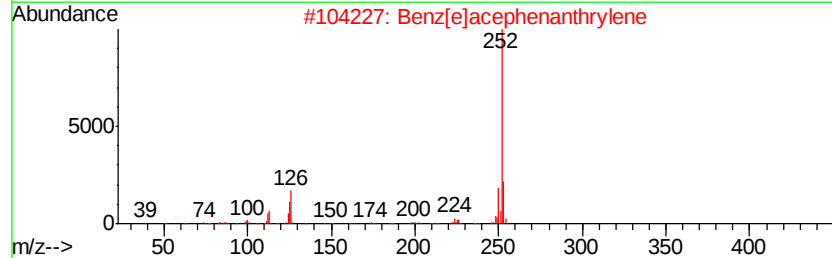
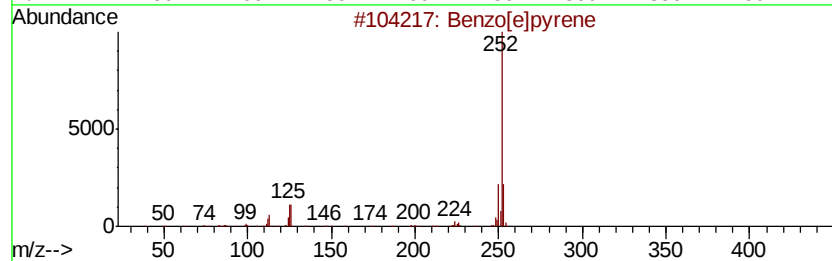
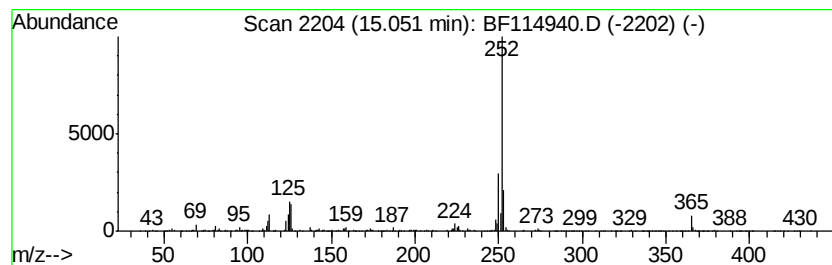
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 Benzo[e]pyrene Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.05	6.51 ng	560850	Perylene-d12	15.17

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzo[e]pyrene	252	C20H12	000192-97-2	98
2			Benzo[e]acephenanthrylene	252	C20H12	000205-99-2	97
3			Benzo[a]pyrene	252	C20H12	000050-32-8	93
4			Benzo[k]fluoranthene	252	C20H12	000207-08-9	90
5			Perylene	252	C20H12	000198-55-0	81



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061119\
Data File : BF114940.D
Acq On : 11 Jun 2019 12:33
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ALS Vial : 6 Sample Multiplier: 1

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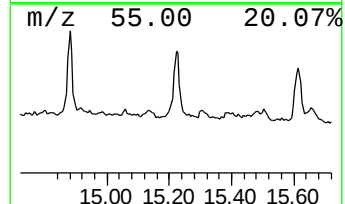
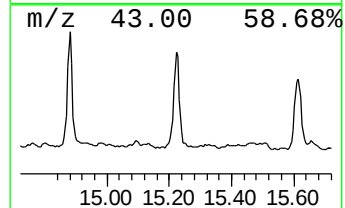
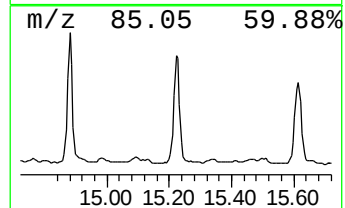
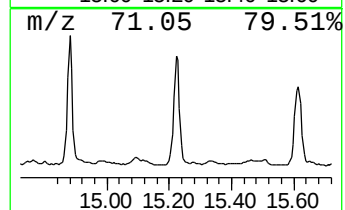
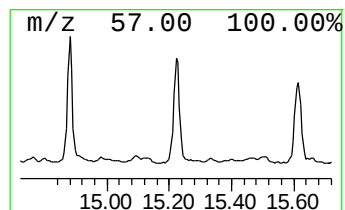
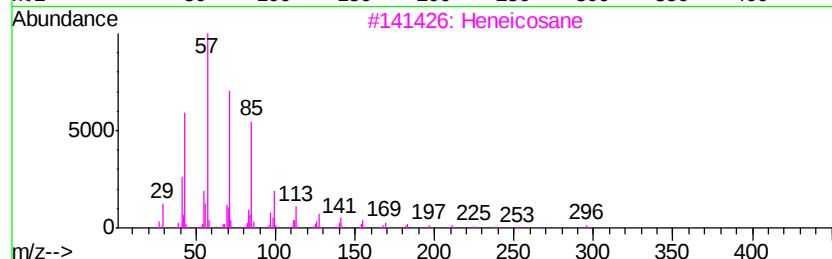
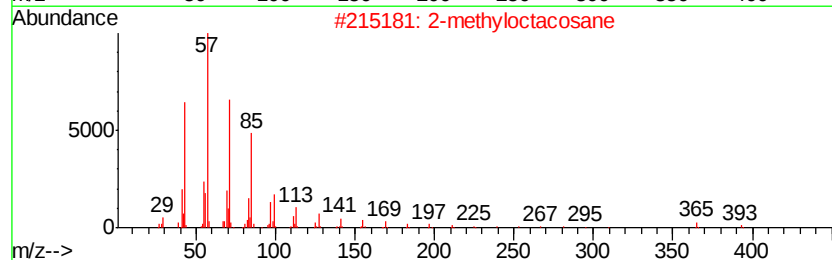
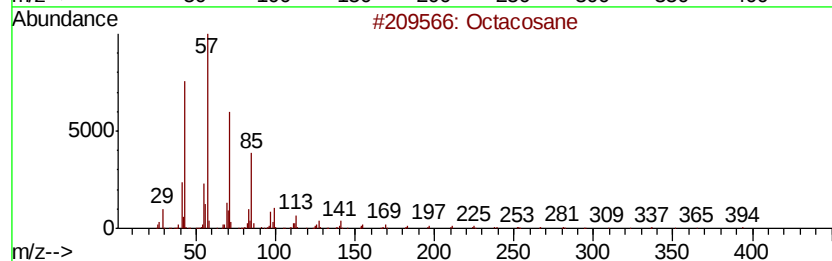
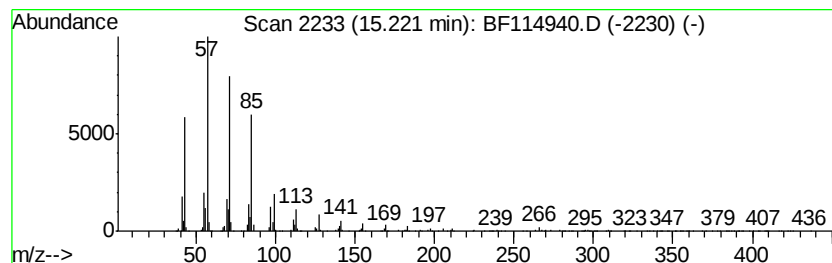
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 Octacosane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.22	19.79 ng	1705780	Perylene-d12	15.17

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octacosane	394	C28H58	000630-02-4	96
2		2-methyloctacosane	408	C29H60	1000376-72-8	91
3		Heneicosane	296	C21H44	000629-94-7	91
4		Tetracosane	338	C24H50	000646-31-1	91
5		Hexacosane	366	C26H54	000630-01-3	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061119\
Data File : BF114940.D
Acq On : 11 Jun 2019 12:33
Operator : HP/JU
Sample : K3160-05
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EO-02-060619-C

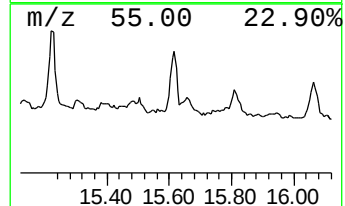
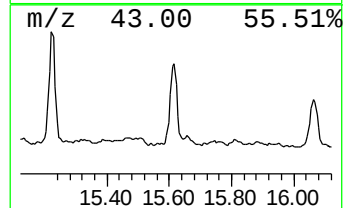
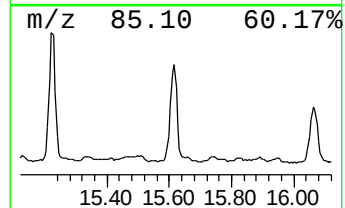
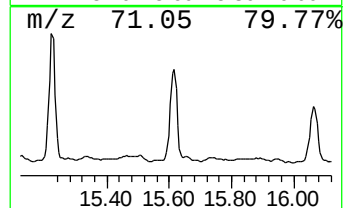
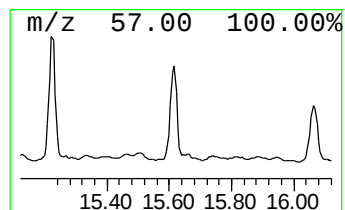
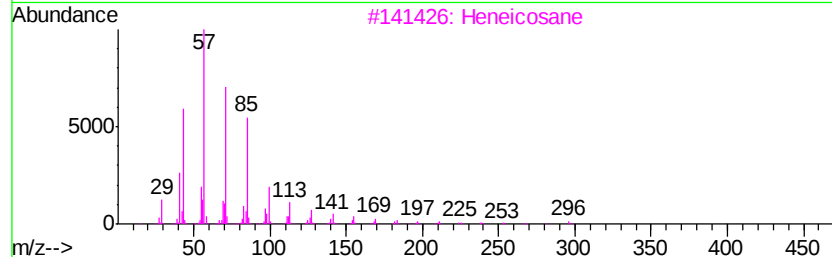
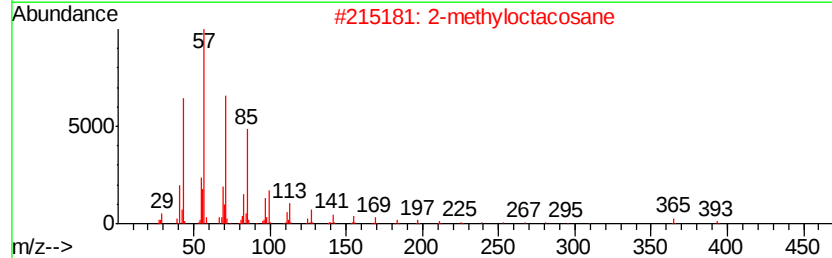
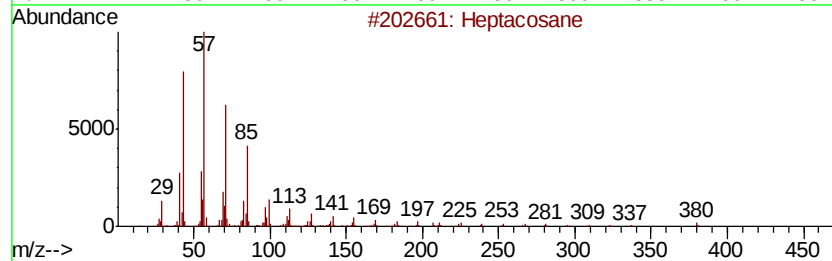
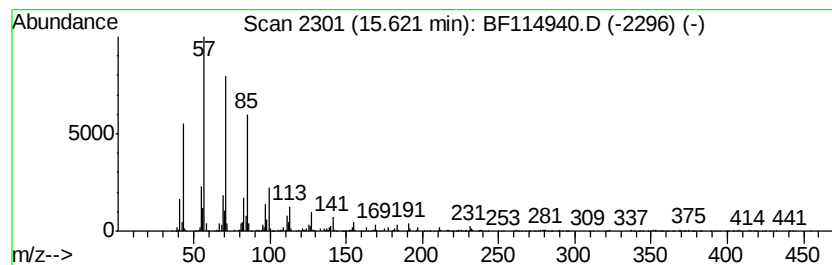
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 Heptacosane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.62	15.56 ng	1340680	Perylene-d12	15.17

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptacosane	380	C27H56	000593-49-7	91
2		2-methyloctacosane	408	C29H60	1000376-72-8	91
3		Heneicosane	296	C21H44	000629-94-7	91
4		Docosane, 11-butyl-	366	C26H54	013475-76-8	91
5		Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF061119\
 Data File : BF114940.D
 Acq On : 11 Jun 2019 12:33
 Operator : HP/JU
 Sample : K3160-05
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EO-02-060619-C

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061019.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
unknown6.42	6.42	64.6	ng	4199610	1	6.66	1299560	20.0
Heneicosane	10.60	10.9	ng	1276380	4	11.16	2331740	20.0
Hexadecane	11.05	8.1	ng	947511	4	11.16	2331740	20.0
Heptadecane	11.47	8.7	ng	1016050	4	11.16	2331740	20.0
Hexadecanoic acid...	11.58	87.4	ng	10185600	4	11.16	2331740	20.0
n-Hexadecanoic acid	11.72	30.8	ng	3588960	4	11.16	2331740	20.0
Octadecane	11.88	8.5	ng	993230	4	11.16	2331740	20.0
9,12-Octadecadien...	12.27	212.5	ng	24775600	4	11.16	2331740	20.0
9-Octadecenoic ac...	12.42	35.5	ng	4133560	4	11.16	2331740	20.0
Octadecanoic acid	12.50	35.0	ng	4939650	5	13.78	2820530	20.0
cis-13-Eicosenoic...	13.00	5.8	ng	812120	5	13.78	2820530	20.0
Sulfurous acid, p...	13.66	6.0	ng	846256	5	13.78	2820530	20.0
Heptadecane, 2,6,...	14.28	7.0	ng	983418	5	13.78	2820530	20.0
Nonadecane	14.57	18.7	ng	1611110	6	15.17	1723750	20.0
S-[2-[N,N-Dimethy...	14.67	12.3	ng	1063490	6	15.17	1723750	20.0
Heptadecane, 9-oc...	14.88	19.9	ng	1711430	6	15.17	1723750	20.0
Benzo[e]pyrene	15.05	6.5	ng	560850	6	15.17	1723750	20.0
Octacosane	15.22	19.8	ng	1705780	6	15.17	1723750	20.0
Heptacosane	15.62	15.6	ng	1340680	6	15.17	1723750	20.0