

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF042219\
 Data File : BF113898.D
 Acq On : 23 Apr 2019 00:28
 Operator : JU/SJ
 Sample : K2202-03 2X
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SA-06-041819-B

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-BF042219.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	2.187	14	17	26	rVB2	30203	48622	1.40%	0.142%
2	5.516	579	583	587	rBV	1836317	1676537	48.44%	4.891%
3	6.516	749	753	765	rBV	1735219	1684526	48.67%	4.914%
4	6.663	774	778	782	rBV	1928919	1790127	51.73%	5.222%
5	6.898	814	818	821	rBV	1288741	994251	28.73%	2.900%
6	7.057	841	845	848	rBV	1538042	1393153	40.25%	4.064%
7	7.451	908	912	915	rBV	1234026	986662	28.51%	2.878%
8	8.180	1030	1036	1039	rBV	1403865	1192623	34.46%	3.479%
9	9.251	1214	1218	1221	rBV	2371130	1775521	51.30%	5.179%
10	9.339	1229	1233	1237	rBV2	92384	94777	2.74%	0.276%
11	9.639	1282	1284	1287	rBV	201418	182580	5.28%	0.533%
12	9.792	1307	1310	1315	rBV	48041	52421	1.51%	0.153%
13	9.869	1315	1323	1326	rBV	121816	114849	3.32%	0.335%
14	9.933	1330	1334	1338	rVB	1596910	1304200	37.68%	3.804%
15	10.369	1402	1408	1410	rBV	135877	136826	3.95%	0.399%
16	10.586	1440	1445	1448	rBV	61710	86245	2.49%	0.252%
17	10.716	1463	1467	1472	rBV	1530593	1337950	38.66%	3.903%
18	10.839	1485	1488	1495	rVB	169400	187067	5.41%	0.546%
19	11.286	1561	1564	1567	rBV	143032	118324	3.42%	0.345%
20	11.316	1567	1569	1575	rVB2	75969	85787	2.48%	0.250%
21	11.416	1583	1586	1589	rBV	1681217	1544955	44.64%	4.507%
22	11.439	1589	1590	1593	rVV	286869	173872	5.02%	0.507%
23	11.492	1597	1599	1602	rVB	83995	66052	1.91%	0.193%
24	11.716	1634	1637	1639	rBV	134236	115178	3.33%	0.336%
25	11.810	1650	1653	1656	rBV	1383419	1029014	29.73%	3.002%
26	11.945	1673	1676	1680	rBV	658431	530864	15.34%	1.549%
27	12.033	1687	1691	1693	rBV	80574	84002	2.43%	0.245%
28	12.121	1703	1706	1710	rVB	114993	93670	2.71%	0.273%
29	12.216	1719	1722	1724	rBV	56210	52496	1.52%	0.153%
30	12.468	1762	1765	1766	rBV	58994	55113	1.59%	0.161%
31	12.498	1766	1770	1772	rBV	3657169	3460837	100.00%	10.095%
32	12.521	1772	1774	1777	rVB	4225619	3205563	92.62%	9.351%
33	12.604	1784	1788	1790	rBV	796076	640024	18.49%	1.867%
34	12.627	1790	1792	1794	rVV	630339	565525	16.34%	1.650%

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Integration Parameters: rteint.p
 Integrator: RTE
 Smoothing : ON Filtering: 5
 Sampling : 1 Min Area: 3 % of largest Peak
 Start Thrs: 0.2 Max Peaks: 100
 Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
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35	12.651	1794	1796	1805	rVV	370683	488999	14.13%	1.426%
36	12.727	1806	1809	1815	rVB	278886	279521	8.08%	0.815%
37	12.839	1825	1828	1829	rBV	168328	155577	4.50%	0.454%
38	12.857	1829	1831	1834	rVV	511121	438145	12.66%	1.278%
39	12.880	1834	1835	1838	rVB	101466	55538	1.60%	0.162%
40	12.998	1852	1855	1859	rBV	2330542	2151976	62.18%	6.277%
41	13.163	1880	1883	1885	rBV3	131905	127426	3.68%	0.372%
42	13.186	1885	1887	1890	rVV	177890	164603	4.76%	0.480%
43	13.251	1893	1898	1901	rVV3	190128	252286	7.29%	0.736%
44	13.292	1903	1905	1908	rVV2	73860	85861	2.48%	0.250%
45	13.327	1909	1911	1914	rVB	119565	94658	2.74%	0.276%
46	14.057	2030	2035	2038	rBV	1871943	1903540	55.00%	5.553%
47	14.080	2038	2039	2042	rVB	230262	121258	3.50%	0.354%
48	15.539	2283	2287	2291	rBV	889767	1101647	31.83%	3.214%

Sum of corrected areas: 34281248

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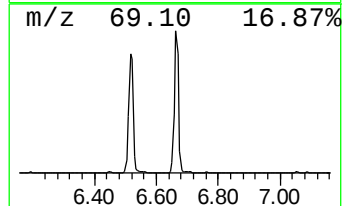
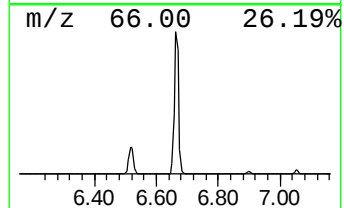
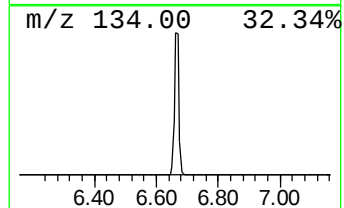
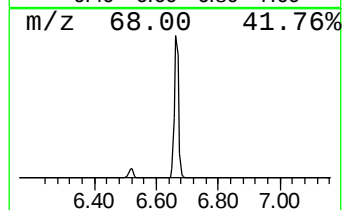
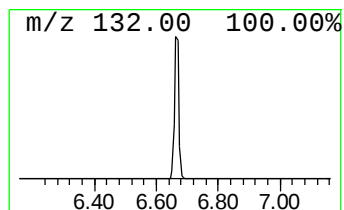
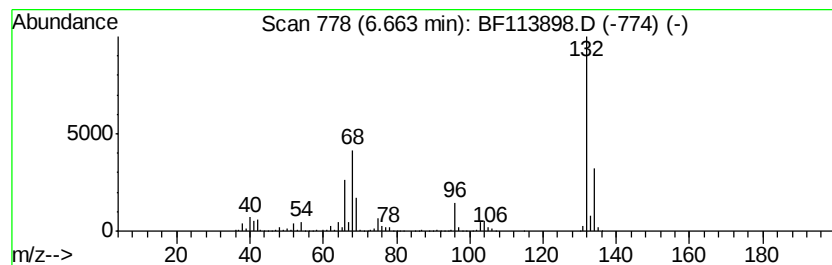
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 unknown6.66 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.66	36.01 ng	1790130	1,4-Dichlorobenzene-d4	6.90

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	16
2			5-Aminoindole	132	C8H8N2	005192-03-0	12
3			Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
4			4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	9
5			4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9



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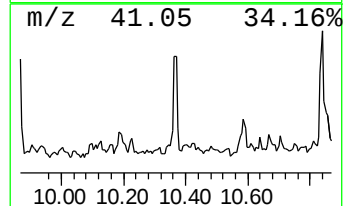
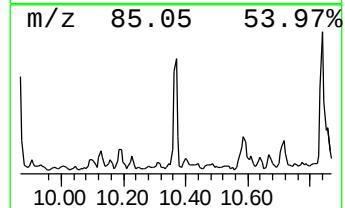
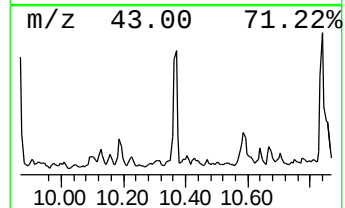
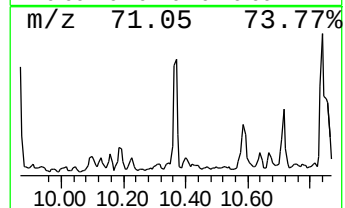
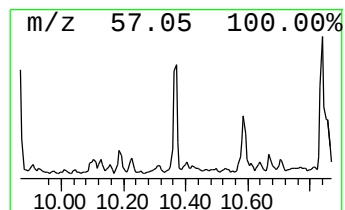
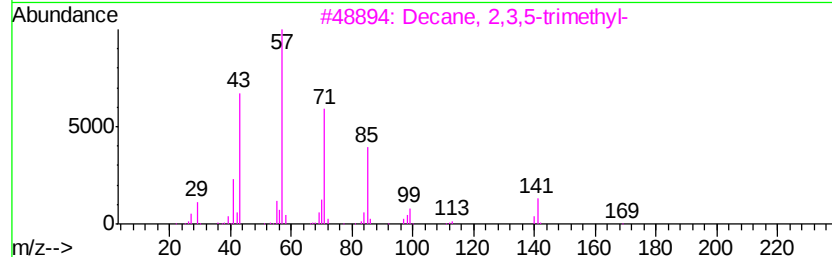
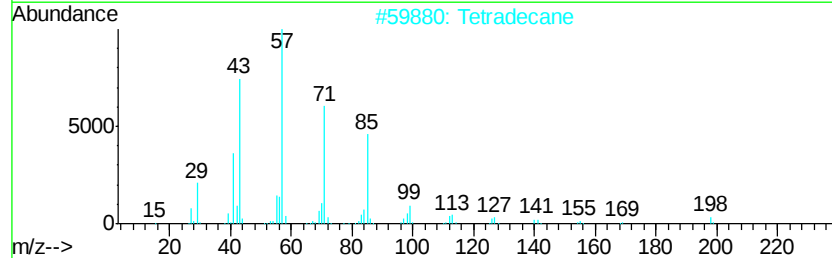
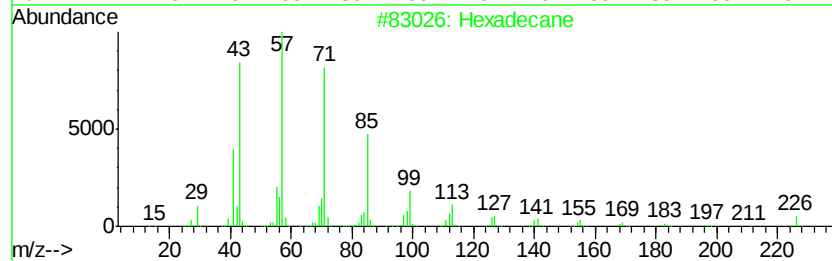
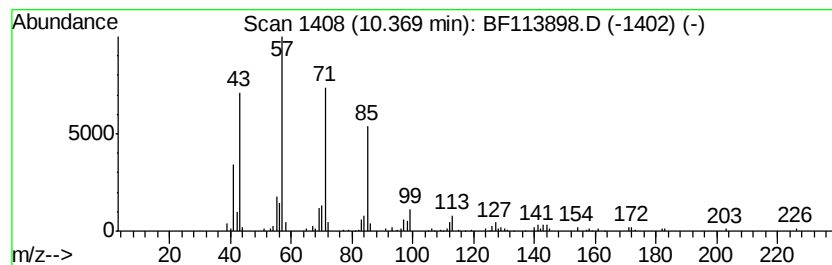
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Hexadecane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.37	2.10 ng	136826	Acenaphthene-d10	9.93

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane		226	C16H34	000544-76-3	95
2	Tetradecane		198	C14H30	000629-59-4	91
3	Decane, 2,3,5-trimethyl-		184	C13H28	062238-11-3	86
4	Pentadecane		212	C15H32	000629-62-9	86
5	Heneicosane		296	C21H44	000629-94-7	83



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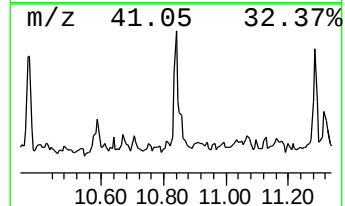
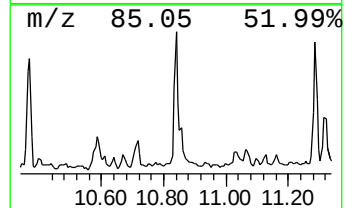
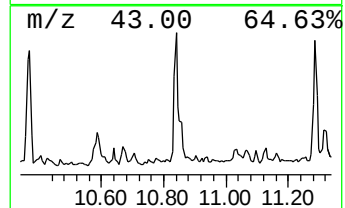
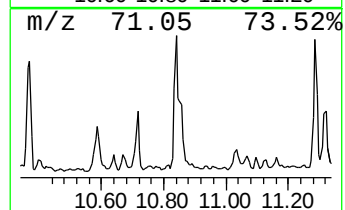
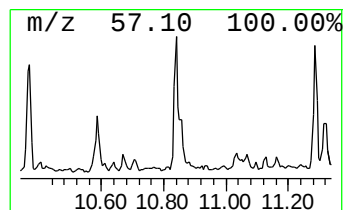
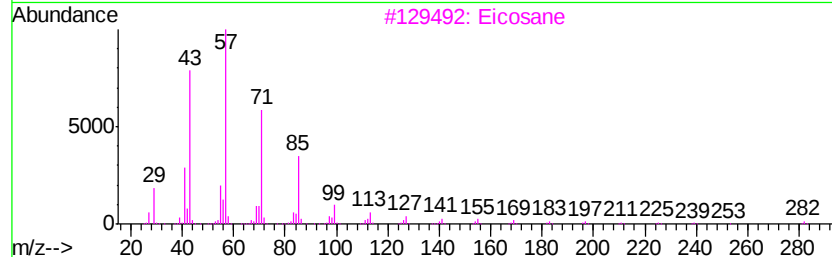
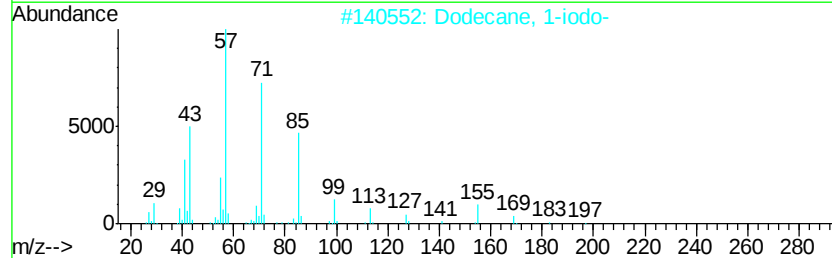
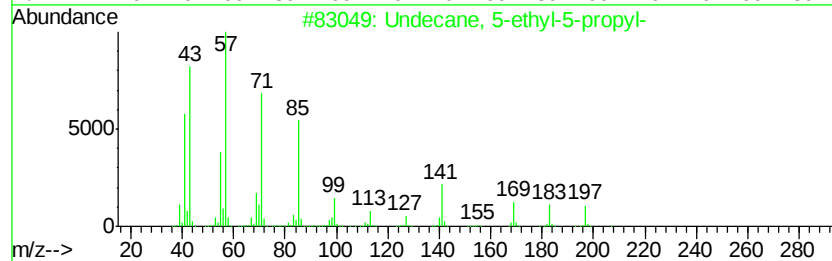
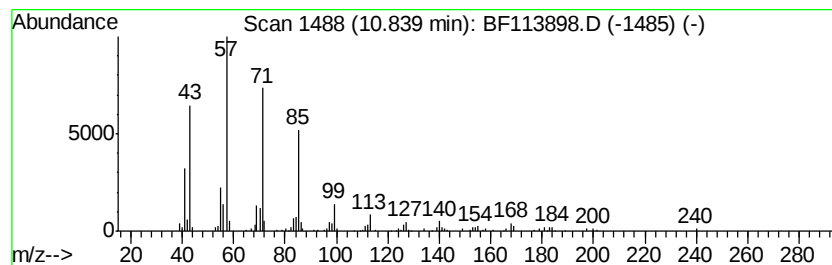
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 Undecane, 5-ethyl-5-propyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.	
10.84	2.42 ng	187067	Phenanthrene-d10	11.42	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane, 5-ethyl-5-propyl-	226	C16H34	002755-07-9	90
2	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	87
3	Eicosane	282	C20H42	000112-95-8	87
4	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	87
5	Tetracosane	338	C24H50	000646-31-1	86



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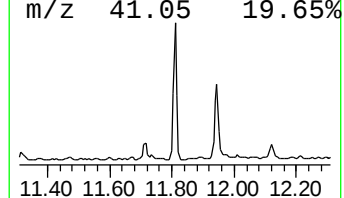
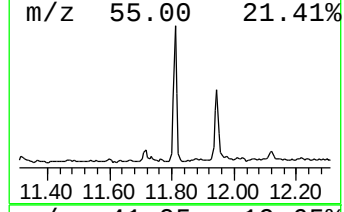
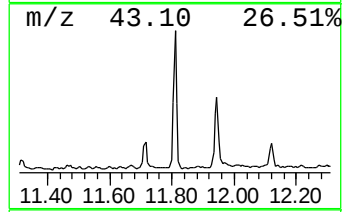
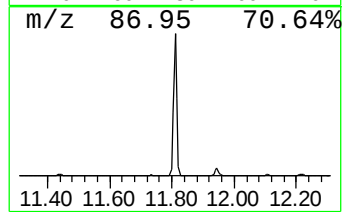
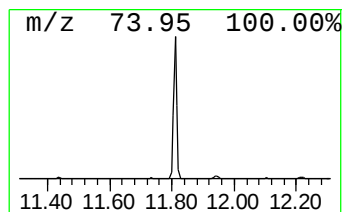
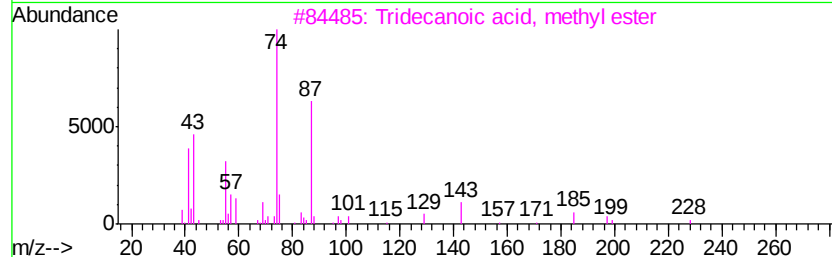
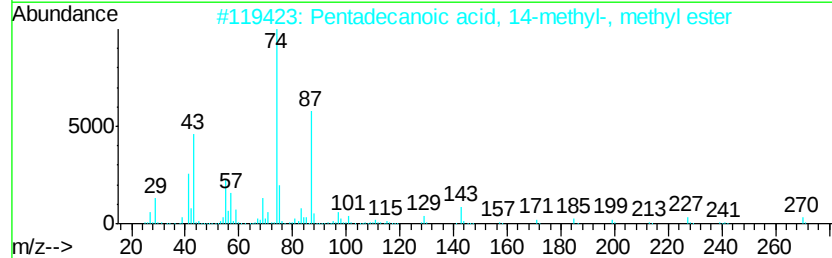
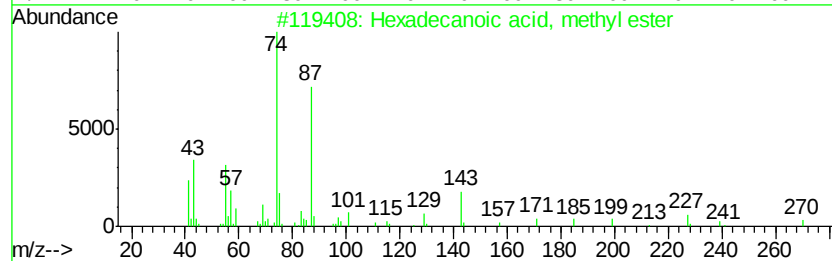
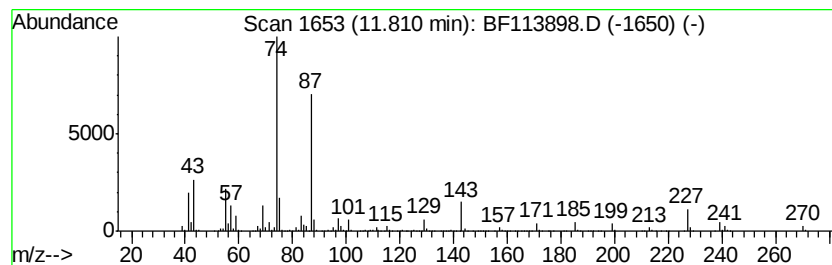
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 Hexadecanoic acid, methyl e... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.81	13.32 ng	1029010	Phenanthrene-d10	11.42

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	96
3		Tridecanoic acid, methyl ester	228	C14H28O2	001731-88-0	87
4		Hexadecanoic acid, 2-methyl-	270	C17H34O2	027147-71-3	86
5		Pentadecanoic acid, methyl ester	256	C16H32O2	007132-64-1	86



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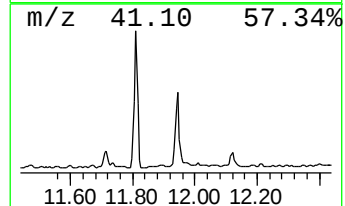
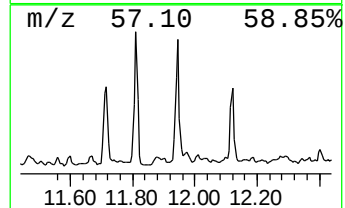
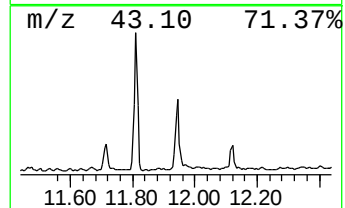
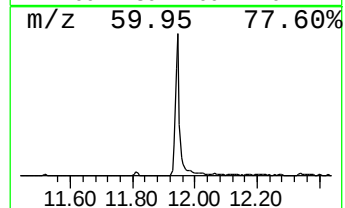
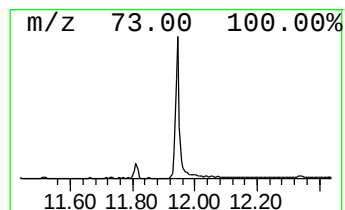
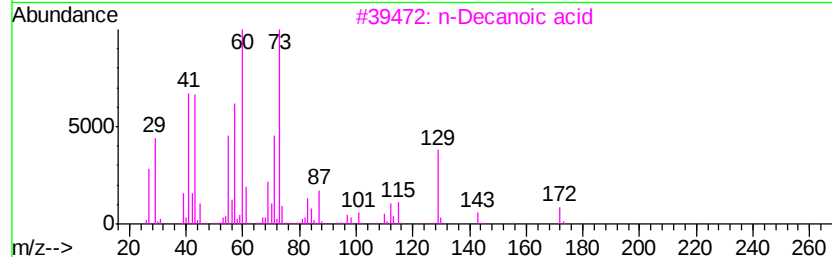
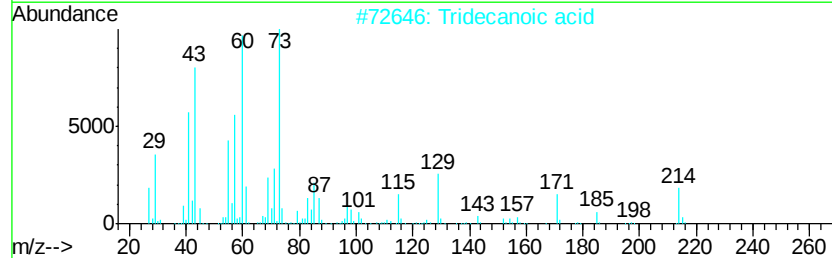
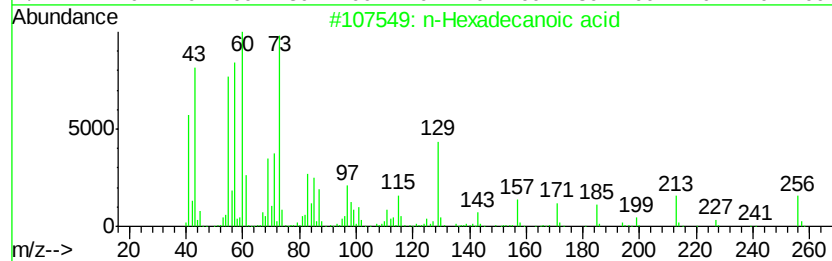
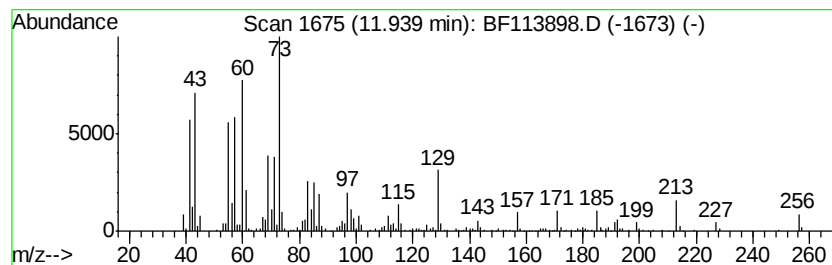
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Peak Number 6 n-Hexadecanoic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD		R.T.
11.94	6.87 ng	530864	Phenanthrene-d10		11.42
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	Tridecanoic acid	214	C13H26O2	000638-53-9	86
3	n-Decanoic acid	172	C10H20O2	000334-48-5	60
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	60
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	58



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Misc :
ALS Vial : 16 Sample Multiplier: 1

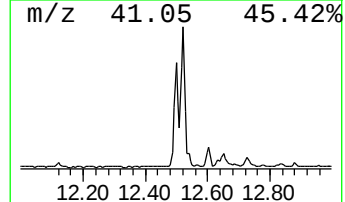
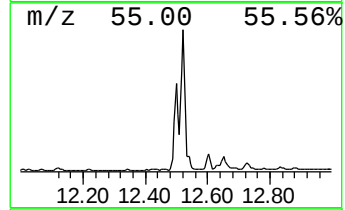
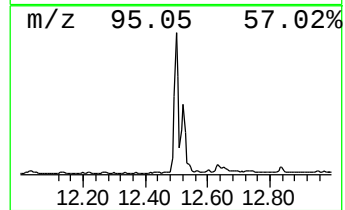
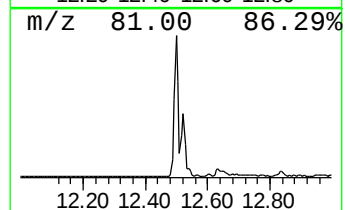
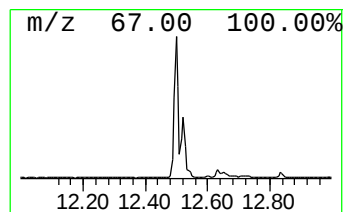
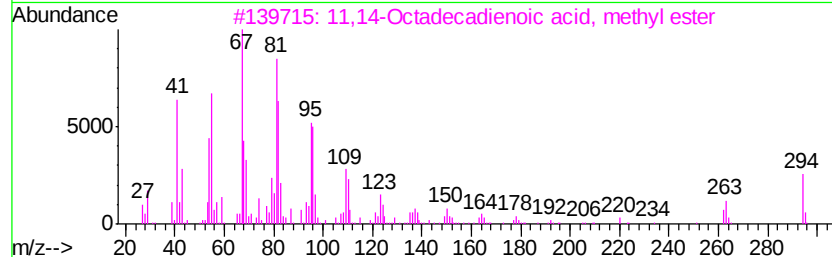
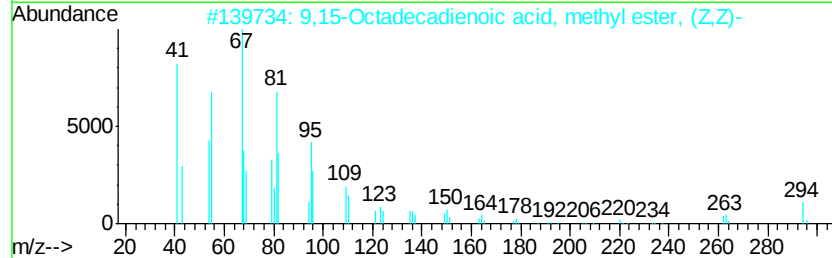
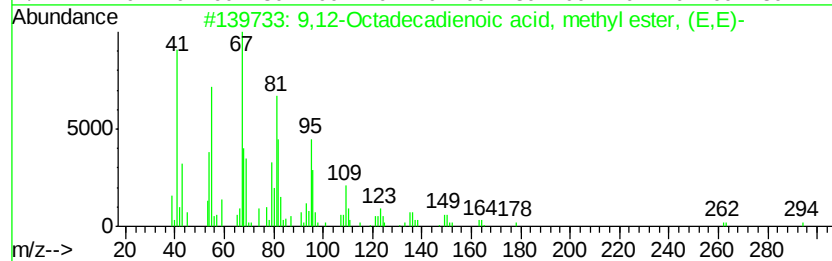
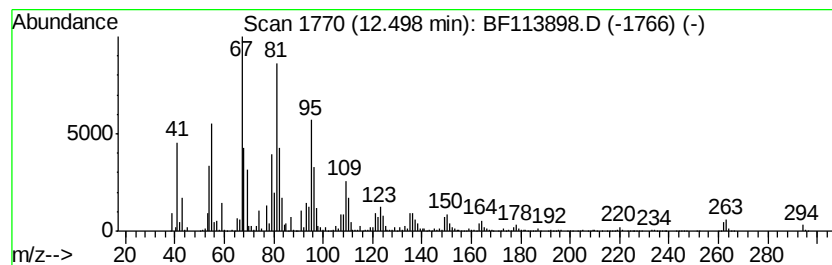
Instrument :
BNA_F
ClientSampleId :
SA-06-041819-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF042219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 9,12-Octadecadienoic acid, ... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.	
12.50	44.80 ng	3460840	Phenanthrene-d10	11.42	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,12-Octadecadienoic acid, methy...	294	C19H34O2	002566-97-4	99
2	9,15-Octadecadienoic acid, methy...	294	C19H34O2	017309-05-6	99
3	11,14-Octadecadienoic acid, meth...	294	C19H34O2	056554-61-1	99
4	10,13-Octadecadienoic acid, meth...	294	C19H34O2	056554-62-2	98
5	9,12-Octadecadienoic acid (Z,Z)-...	294	C19H34O2	000112-63-0	98



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF042219\
Data File : BF113898.D
Acq On : 23 Apr 2019 00:28
Operator : JU/SJ
Sample : K2202-03 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SA-06-041819-B

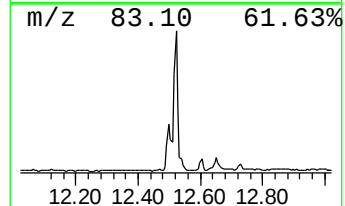
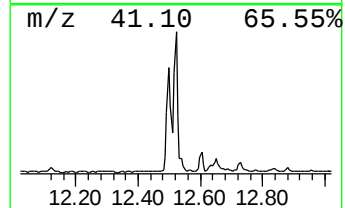
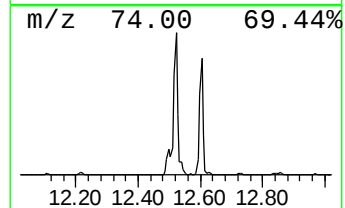
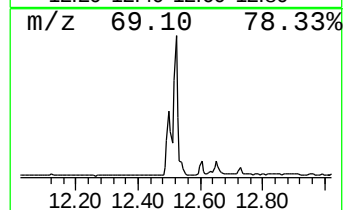
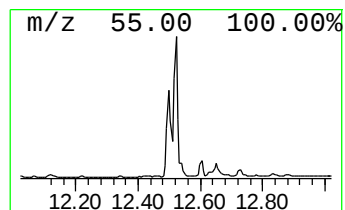
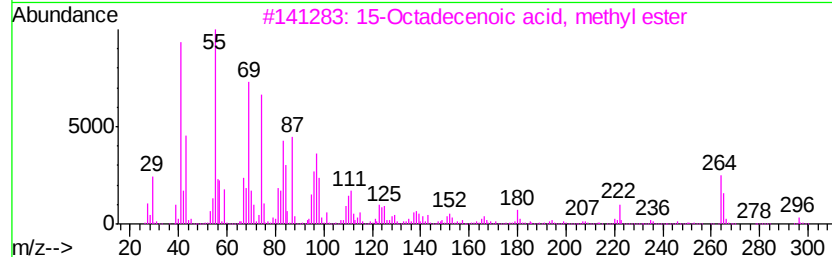
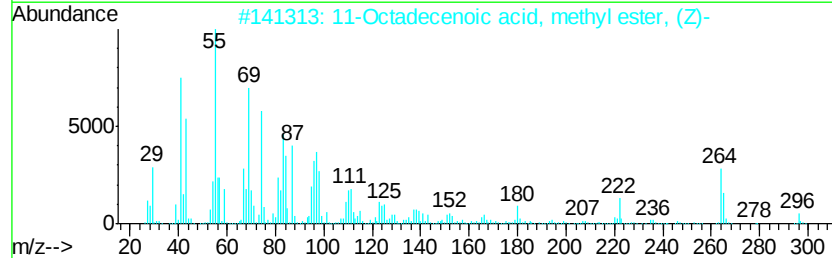
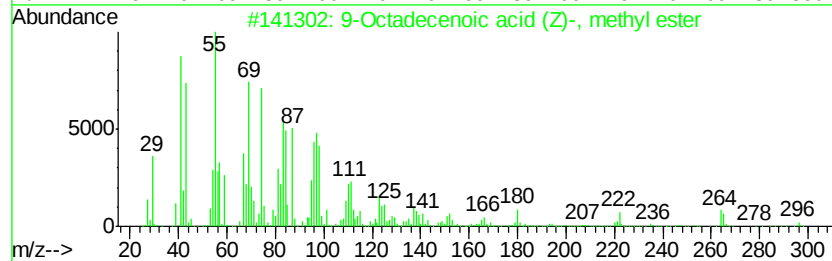
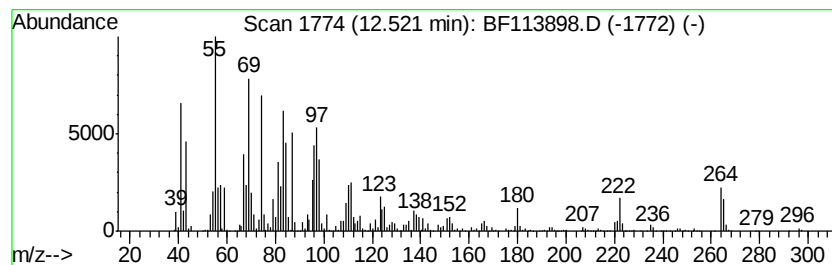
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF042219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 9-Octadecenoic acid (Z)-, m... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.52	41.50 ng	3205560	Phenanthrene-d10	11.42

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	9-Octadecenoic acid (Z)-, methyl...	296	C19H36O2	000112-62-9	99
2		11-Octadecenoic acid, methyl est...	296	C19H36O2	001937-63-9	99
3		15-Octadecenoic acid, methyl ester	296	C19H36O2	004764-72-1	99
4		6-Octadecenoic acid, methyl ester	296	C19H36O2	052355-31-4	99
5		13-Octadecenoic acid, methyl ester	296	C19H36O2	056554-47-3	99



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF042219\
Data File : BF113898.D
Acq On : 23 Apr 2019 00:28
Operator : JU/SJ
Sample : K2202-03 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

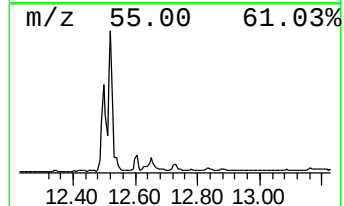
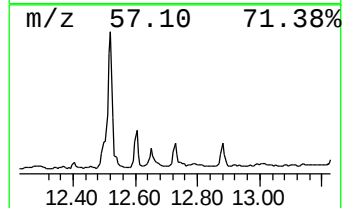
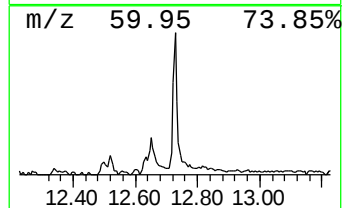
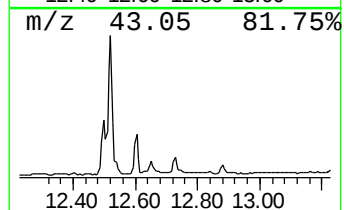
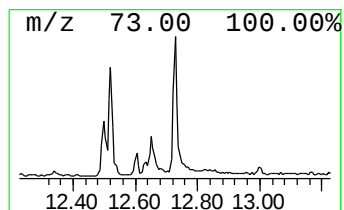
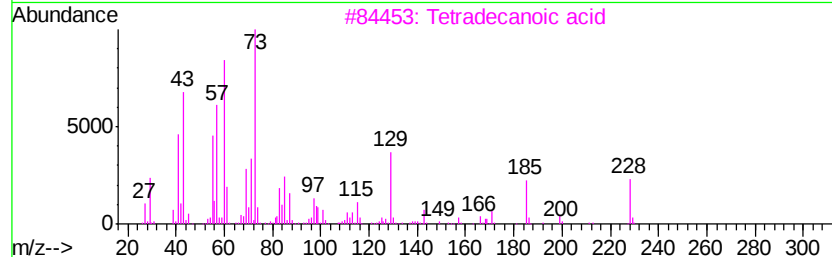
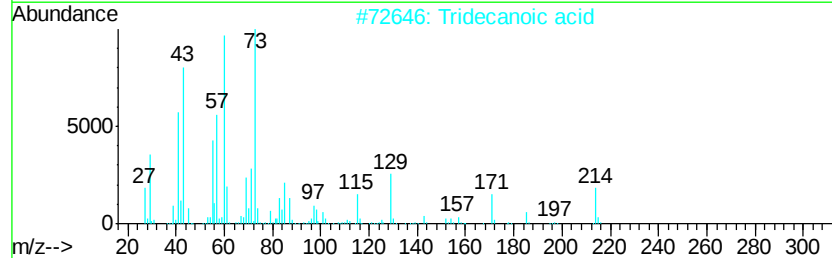
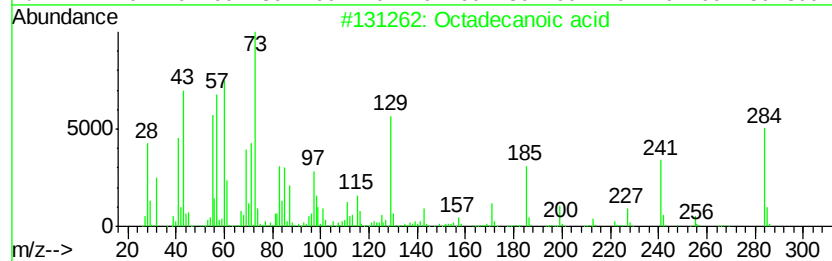
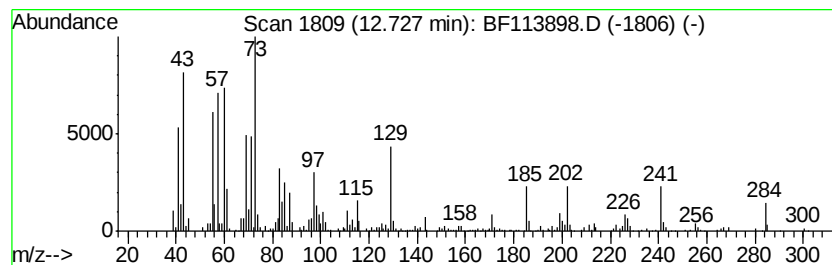
Instrument :
BNA_F
ClientSampleId :
SA-06-041819-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF042219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Octadecanoic acid Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD		R.T.
12.73	3.62 ng	279521	Phenanthrene-d10		11.42
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2	Tridecanoic acid	214	C13H26O2	000638-53-9	70
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	64
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	64
5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	62



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF042219\
Data File : BF113898.D
Acq On : 23 Apr 2019 00:28
Operator : JU/SJ
Sample : K2202-03 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

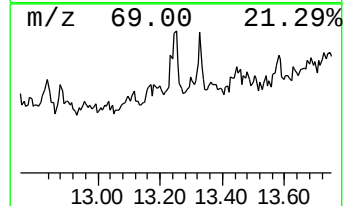
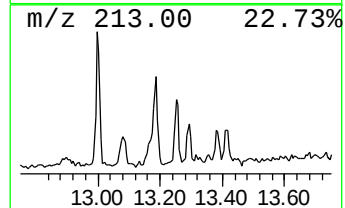
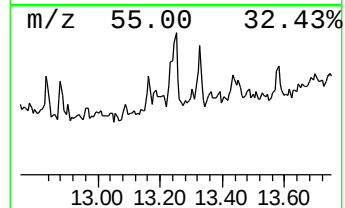
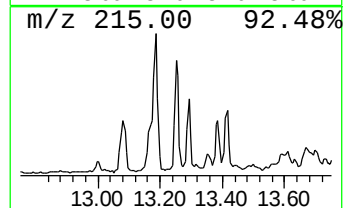
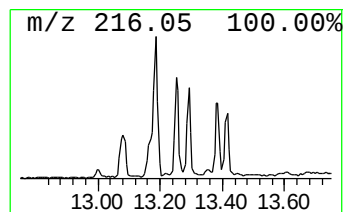
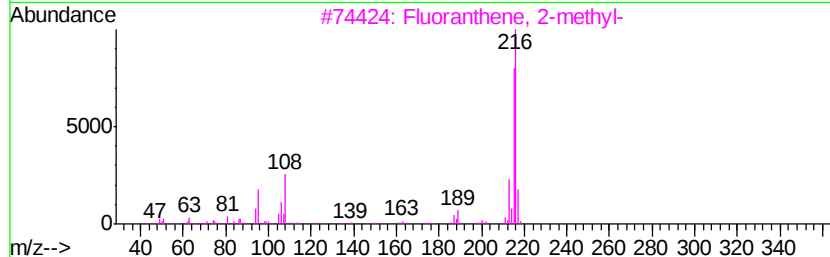
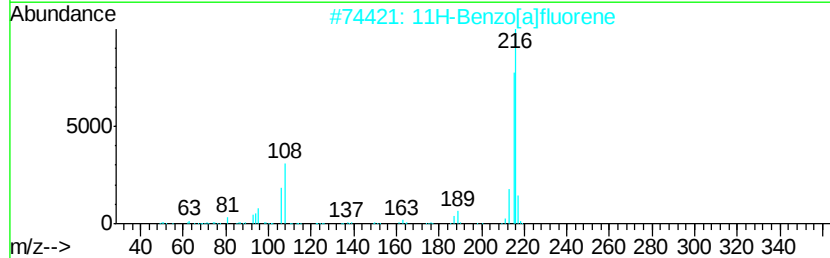
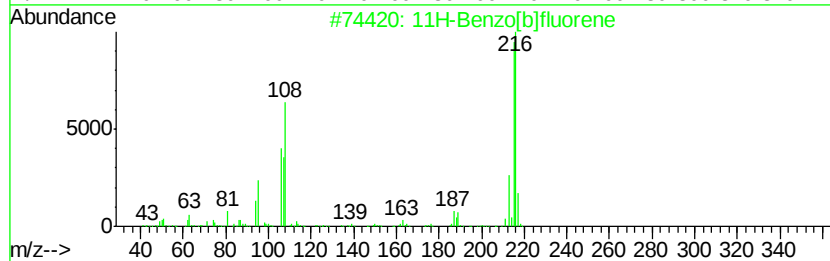
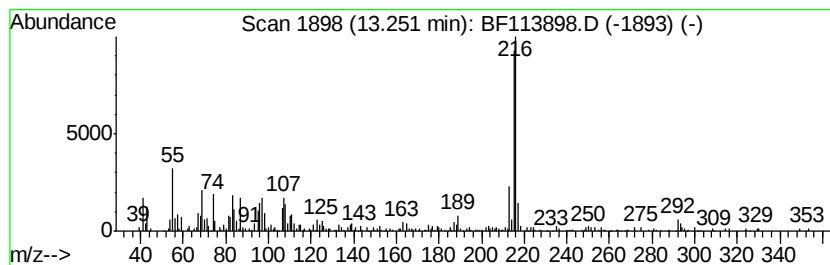
Instrument :
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ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF042219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 11H-Benzo[b]fluorene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.		
13.25	2.65 ng	252286	Chrysene-d12	14.06		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		11H-Benzo[b]fluorene	216	C17H12	000243-17-4	87
2		11H-Benzo[a]fluorene	216	C17H12	000238-84-6	87
3		Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	87
4		Pyrene, 1-methyl-	216	C17H12	002381-21-7	72
5		Pyrene, 2-methyl-	216	C17H12	003442-78-2	64



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF042219\
Data File : BF113898.D
Acq On : 23 Apr 2019 00:28
Operator : JU/SJ
Sample : K2202-03 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SA-06-041819-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF042219.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
unknown6.66	6.66	36.0	ng	1790130	1	6.90	994251	20.0
Hexadecane	10.37	2.1	ng	136826	3	9.93	1304200	20.0
Undecane, 5-ethyl...	10.84	2.4	ng	187067	4	11.42	1544960	20.0
Hexadecanoic acid...	11.81	13.3	ng	1029010	4	11.42	1544960	20.0
n-Hexadecanoic acid	11.94	6.9	ng	530864	4	11.42	1544960	20.0
9,12-Octadecadien...	12.50	44.8	ng	3460840	4	11.42	1544960	20.0
9-Octadecenoic ac...	12.52	41.5	ng	3205560	4	11.42	1544960	20.0
Octadecanoic acid	12.73	3.6	ng	279521	4	11.42	1544960	20.0
11H-Benzo[b]fluorene	13.25	2.6	ng	252286	5	14.06	1903540	20.0