

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF060719\
 Data File : BF114919.D
 Acq On : 8 Jun 2019 4:31
 Operator : HP/JU
 Sample : K3160-03 2X
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EO-02-060619-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-BF060419.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	3.593	246	256	262	rBV	273786	422477	3.21%	0.520%
2	5.269	537	541	545	rBV	3124484	2908088	22.11%	3.579%
3	6.304	713	717	720	rBV	3428550	2980800	22.66%	3.669%
4	6.434	734	739	742	rBV	3476630	3218260	24.46%	3.961%
5	6.663	774	778	781	rBV	2280013	1822714	13.85%	2.243%
6	6.816	800	804	808	rBV	3123665	2579996	19.61%	3.175%
7	7.222	865	873	876	rBV	2196875	1933220	14.69%	2.379%
8	7.475	912	916	920	rVB3	116120	135272	1.03%	0.166%
9	7.686	946	952	955	rBV3	111305	142588	1.08%	0.175%
10	7.786	963	969	972	rVB5	91367	149204	1.13%	0.184%
11	7.945	992	996	998	rBV	2607767	2354107	17.89%	2.897%
12	8.245	1042	1047	1050	rVB4	90766	142884	1.09%	0.176%
13	8.386	1068	1071	1074	rBV3	98613	140900	1.07%	0.173%
14	8.451	1078	1082	1085	rBV2	168271	182591	1.39%	0.225%
15	8.551	1094	1099	1101	rBV3	186910	206771	1.57%	0.254%
16	8.651	1112	1116	1120	rVB5	110333	165715	1.26%	0.204%
17	8.769	1133	1136	1138	rVB	153915	132322	1.01%	0.163%
18	9.016	1174	1178	1181	rBV	4175962	3356324	25.51%	4.131%
19	9.110	1191	1194	1198	rVB	268916	249921	1.90%	0.308%
20	9.269	1218	1221	1229	rBV8	93330	203798	1.55%	0.251%
21	9.410	1242	1245	1248	rBV	282245	299806	2.28%	0.369%
22	9.639	1281	1284	1287	rBV	453389	338208	2.57%	0.416%
23	9.686	1287	1292	1296	rBV	2373515	2262546	17.20%	2.785%
24	9.892	1319	1327	1331	rBV5	146281	321524	2.44%	0.396%
25	9.963	1336	1339	1343	rVB3	175147	171275	1.30%	0.211%
26	10.139	1366	1369	1372	rVB	444294	369862	2.81%	0.455%
27	10.233	1382	1385	1387	rBV	157406	135611	1.03%	0.167%
28	10.357	1402	1406	1409	rBV	220779	245397	1.87%	0.302%
29	10.469	1422	1425	1430	rVB	1861853	1593225	12.11%	1.961%
30	10.604	1445	1448	1455	rVB	536123	679661	5.17%	0.837%
31	11.051	1521	1524	1527	rBV2	500375	417276	3.17%	0.514%
32	11.080	1527	1529	1535	rVB	238178	251332	1.91%	0.309%
33	11.163	1539	1543	1545	rBV	2215229	1830916	13.92%	2.253%
34	11.186	1545	1547	1550	rVV	766192	578578	4.40%	0.712%

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35	11.233	1553	1555	1559	rVB	216965	186877	1.42%	0.230%
36	11.474	1593	1596	1598	rBV	393850	350849	2.67%	0.432%
37	11.498	1598	1600	1602	rVB	260427	207295	1.58%	0.255%
38	11.574	1609	1613	1617	rBV	6128907	5353149	40.69%	6.589%
39	11.710	1633	1636	1639	rVB	651620	509025	3.87%	0.627%
40	11.769	1644	1646	1649	rBV	236692	242705	1.84%	0.299%
41	11.880	1662	1665	1670	rVB	373859	385707	2.93%	0.475%
42	11.974	1679	1681	1689	rVB4	147364	164856	1.25%	0.203%
43	12.263	1725	1730	1732	rVV	9641332	13155680	100.00%	16.192%
44	12.286	1732	1734	1739	rVV	10661682	12674115	96.34%	15.599%
45	12.327	1739	1741	1744	rVV2	227237	219645	1.67%	0.270%
46	12.363	1744	1747	1750	rVV	3550202	3213491	24.43%	3.955%
47	12.398	1750	1753	1754	rVV	615617	642302	4.88%	0.791%
48	12.416	1754	1756	1766	rVV	1486654	1765067	13.42%	2.172%
49	12.492	1766	1769	1774	rVB3	265267	278135	2.11%	0.342%
50	12.592	1781	1786	1791	rBV	1284472	1338743	10.18%	1.648%
51	12.639	1791	1794	1796	rVB2	243291	196683	1.50%	0.242%
52	12.745	1808	1812	1815	rBV	2893309	2478161	18.84%	3.050%
53	12.921	1839	1842	1844	rBV	240926	270665	2.06%	0.333%
54	12.992	1851	1854	1855	rBV2	403823	412213	3.13%	0.507%
55	13.086	1867	1870	1872	rVB	317103	297347	2.26%	0.366%
56	13.239	1893	1896	1900	rVB5	267315	279566	2.13%	0.344%
57	13.333	1910	1912	1915	rVB	214372	170131	1.29%	0.209%
58	13.751	1980	1983	1984	rBV2	296228	265510	2.02%	0.327%
59	13.786	1984	1989	1991	rVV2	1664888	1989015	15.12%	2.448%
60	13.810	1991	1993	1996	rVB	373764	301005	2.29%	0.370%
61	15.162	2220	2223	2227	rBV	875349	977389	7.43%	1.203%

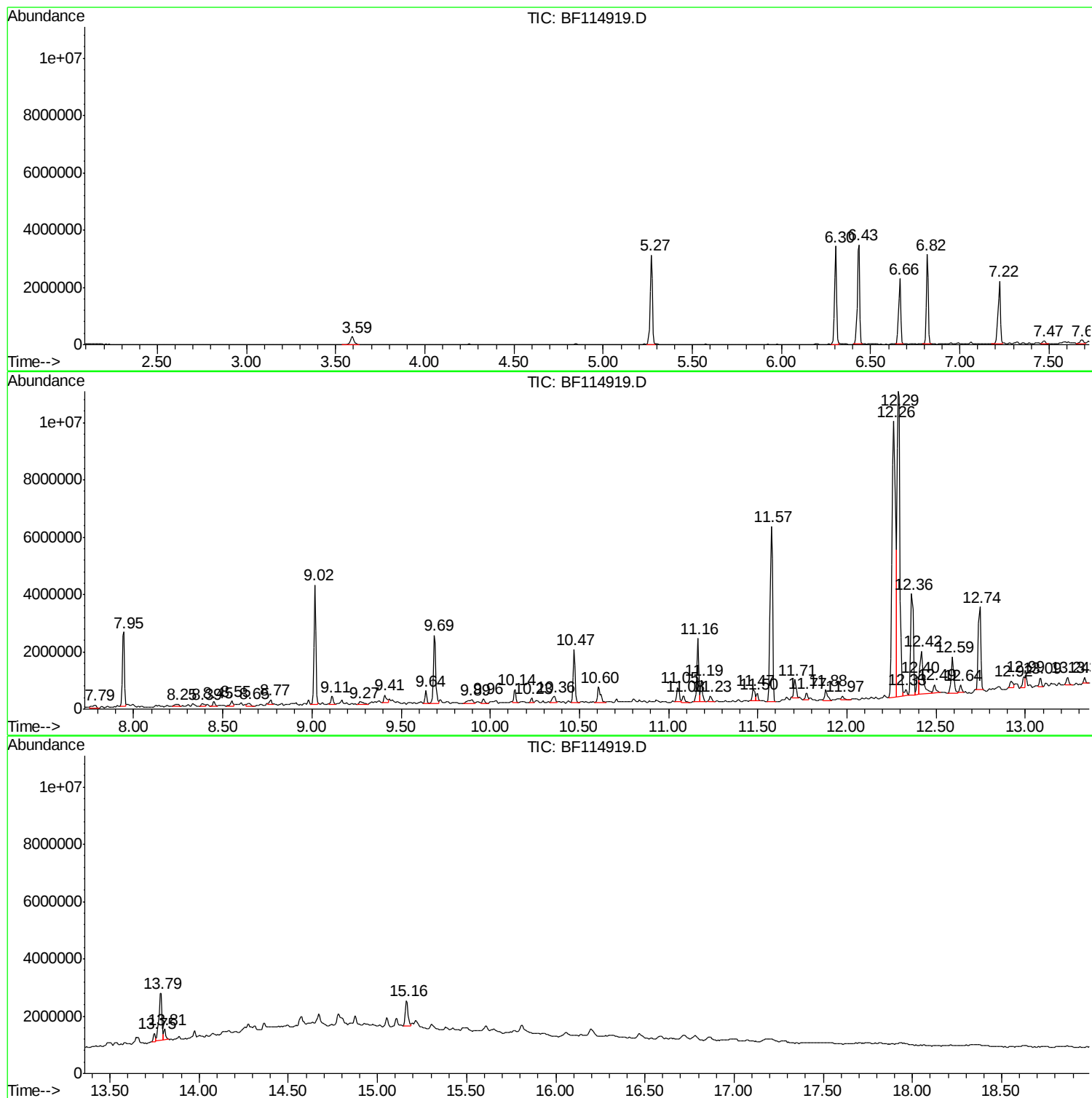
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF060419.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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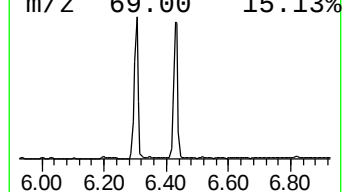
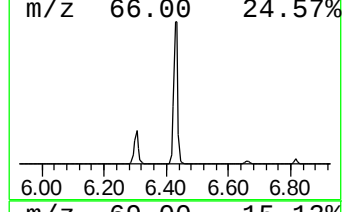
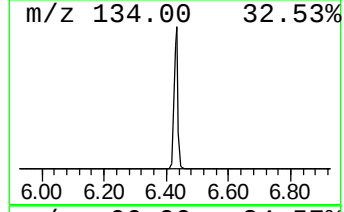
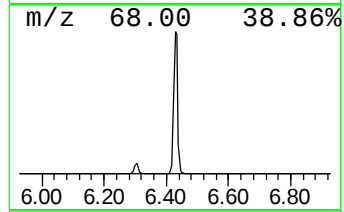
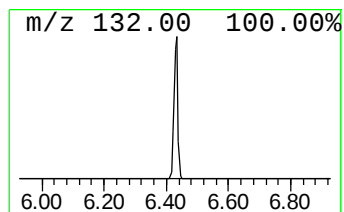
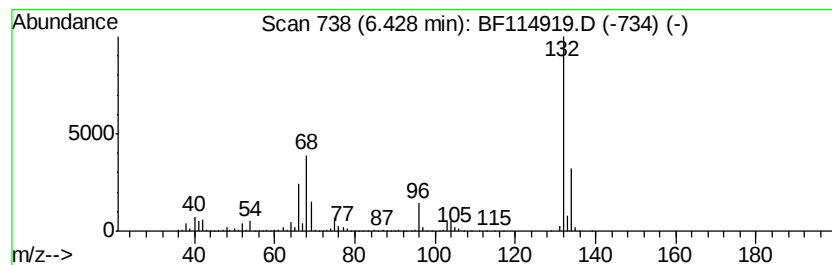
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 2 unknown6.43 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.43	35.31 ng	3218260	1,4-Dichlorobenzene-d4	6.66

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	38
2		(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	25
3		Tranvlcypropane-propionyl	189	C12H15NO	1000123-86-3	16
4		5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	9
5		4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	9



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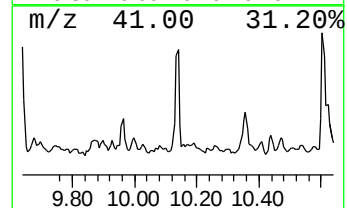
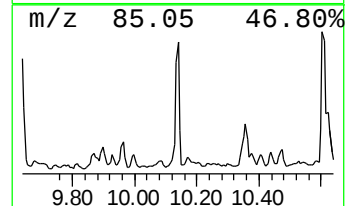
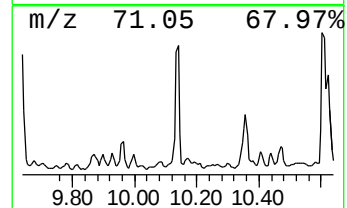
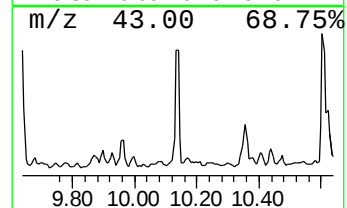
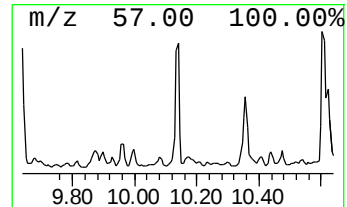
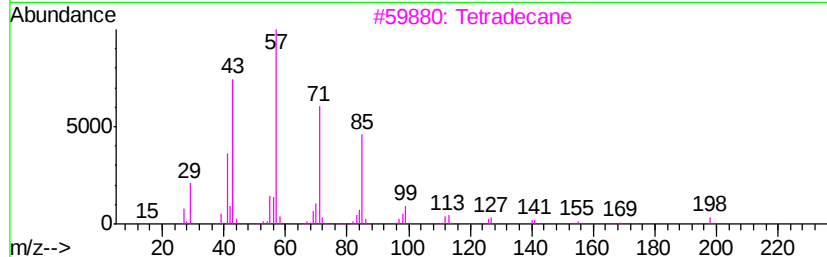
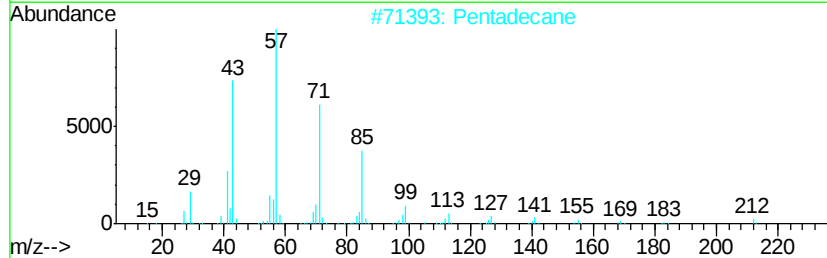
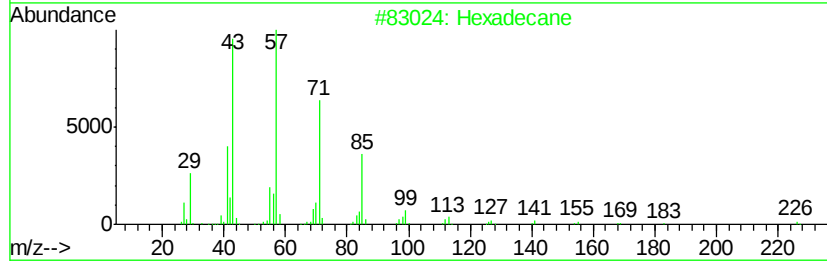
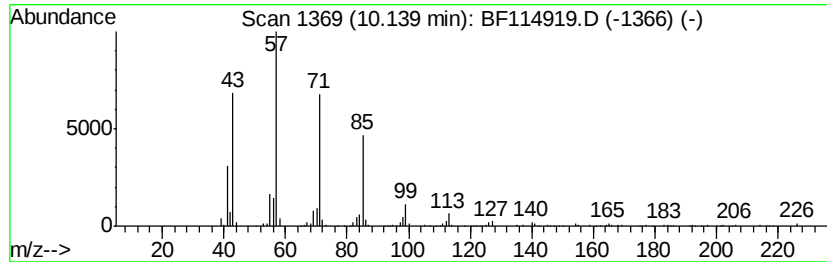
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 Hexadecane Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.14	3.27 ng	369862	Acenaphthene-d10	9.69

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane		226	C16H34	000544-76-3	94
2	Pentadecane		212	C15H32	000629-62-9	90
3	Tetradecane		198	C14H30	000629-59-4	90
4	Heptadecane		240	C17H36	000629-78-7	90
5	Nonane, 5-butyl-		184	C13H28	017312-63-9	74



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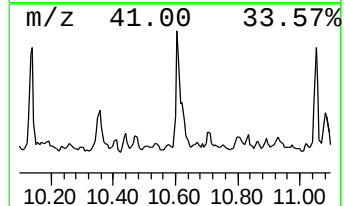
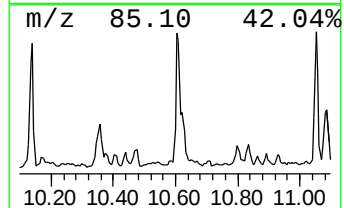
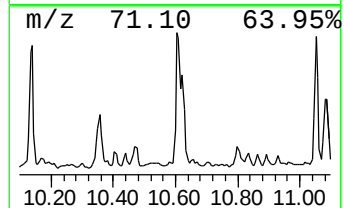
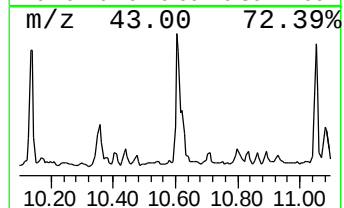
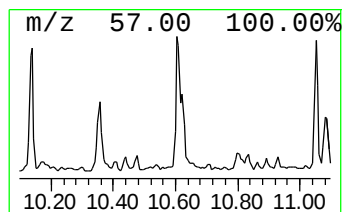
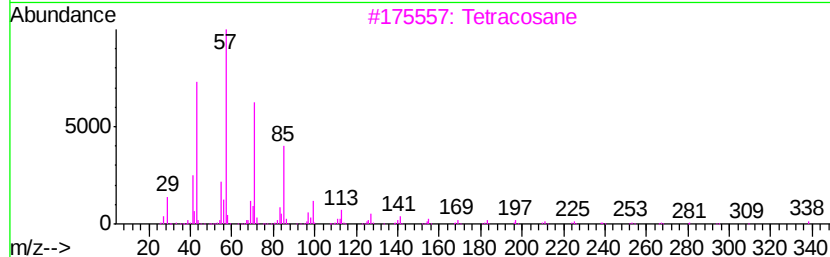
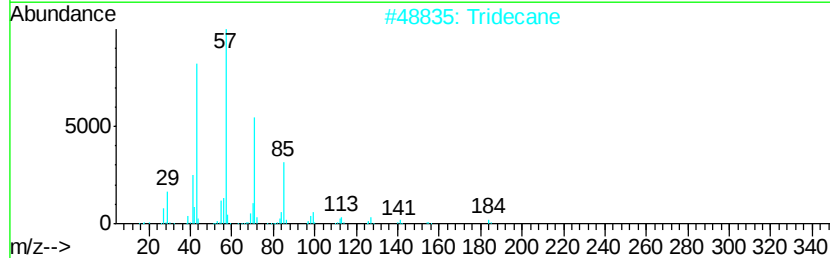
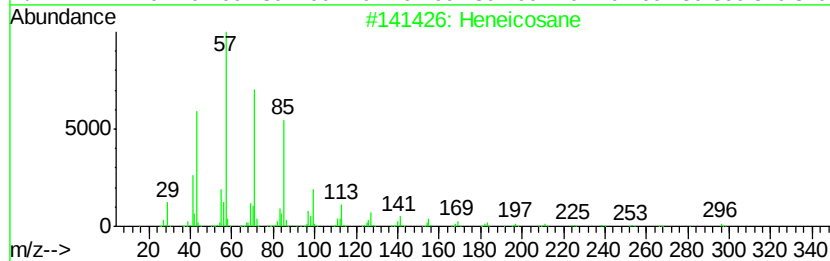
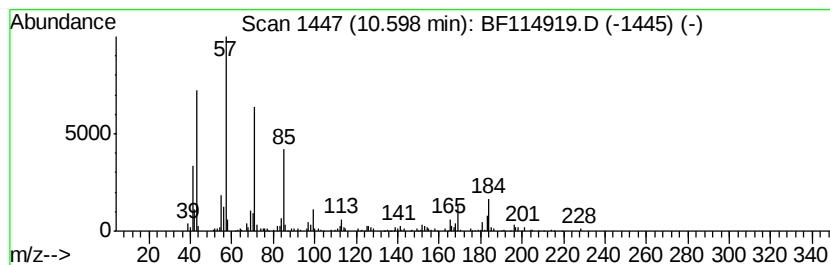
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 6 Heneicosane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.60	7.42 ng	679661	Phenanthrene-d10	11.16

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane		296	C21H44	000629-94-7	87
2	Tridecane		184	C13H28	000629-50-5	87
3	Tetracosane		338	C24H50	000646-31-1	86
4	Nonadecane		268	C19H40	000629-92-5	74
5	Tetradecane		198	C14H30	000629-59-4	72



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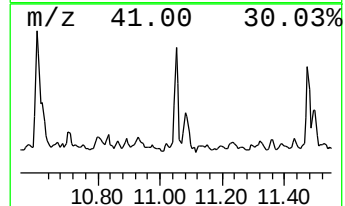
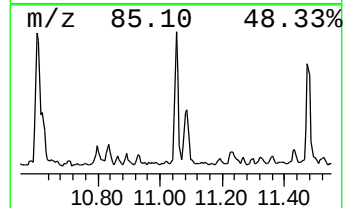
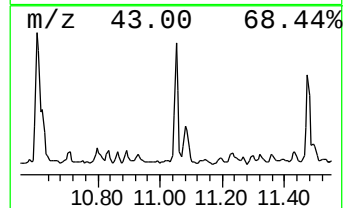
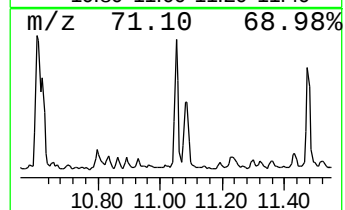
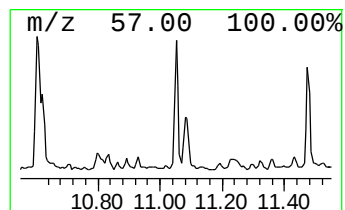
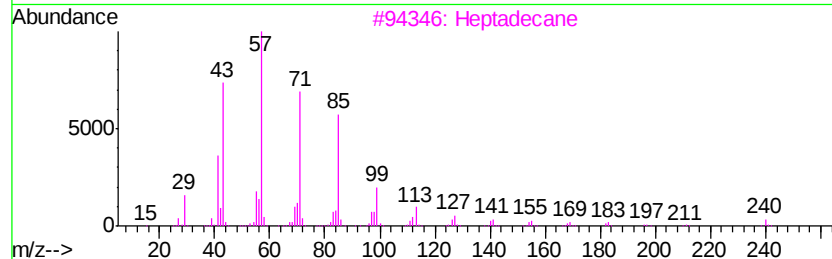
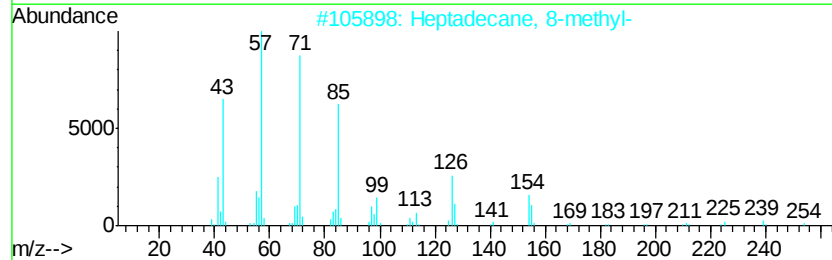
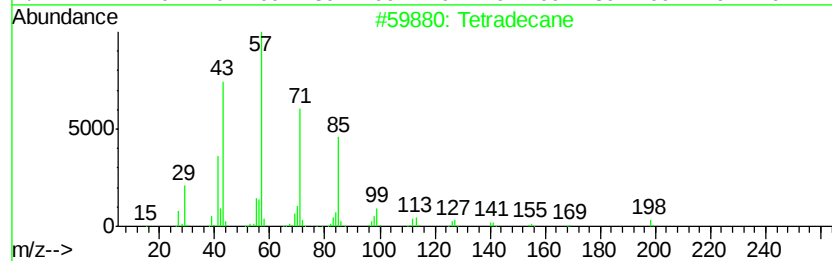
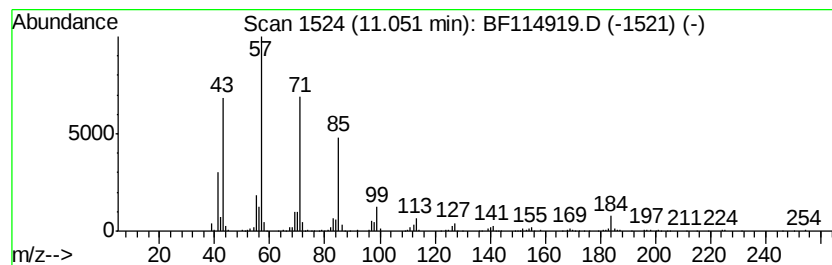
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
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Peak Number 7 Tetradecane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.05	4.56 ng	417276	Phenanthrene-d10	11.16

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Tetradecane	198	C14H30	000629-59-4	93
2		Heptadecane, 8-methyl-	254	C18H38	013287-23-5	91
3		Heptadecane	240	C17H36	000629-78-7	91
4		Heneicosane	296	C21H44	000629-94-7	91
5		Tridecane	184	C13H28	000629-50-5	87



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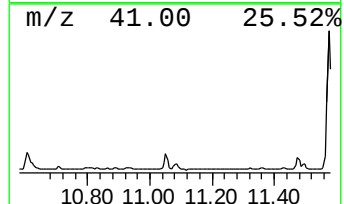
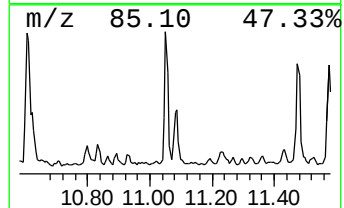
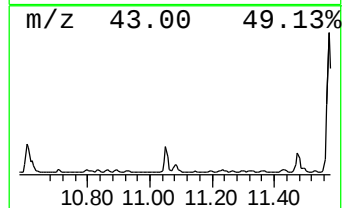
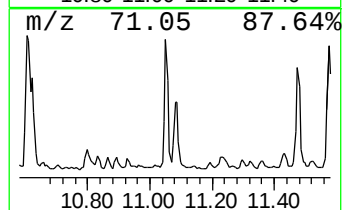
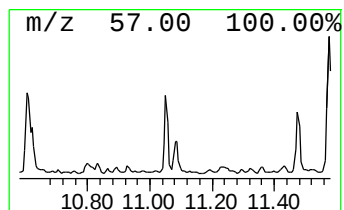
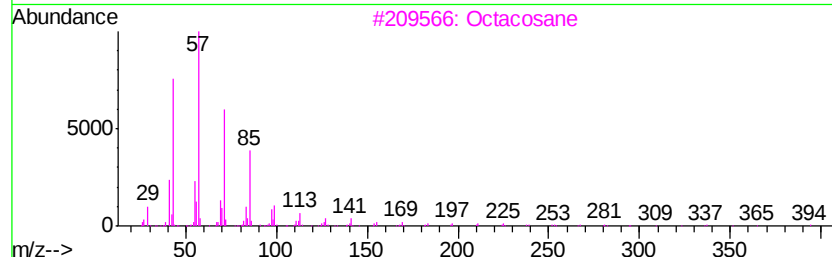
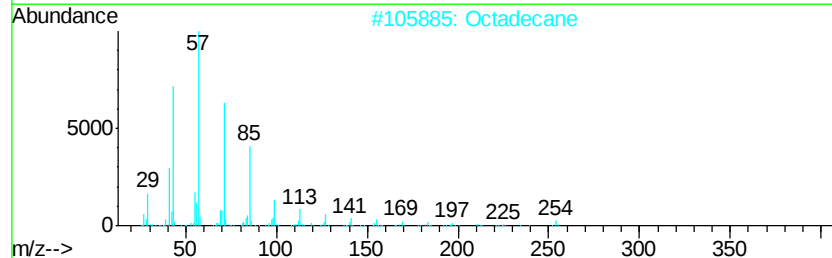
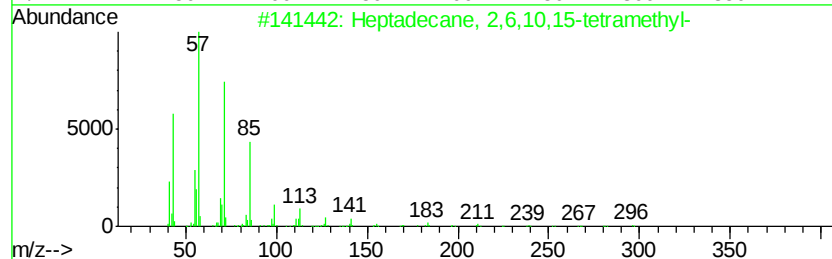
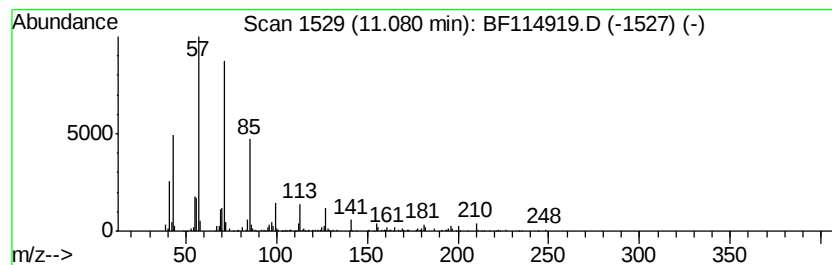
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Heptadecane, 2,6,10,15-tetr... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.08	2.75 ng	251332	Phenanthrene-d10	11.16

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	86
2		Octadecane	254	C18H38	000593-45-3	86
3		Octacosane	394	C28H58	000630-02-4	86
4		Hexadecane	226	C16H34	000544-76-3	78
5		2-Bromo dodecane	248	C12H25Br	013187-99-0	78



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF060719\
Data File : BF114919.D
Acq On : 8 Jun 2019 4:31
Operator : HP/JU
Sample : K3160-03 2X
Misc :
ALS Vial : 21 Sample Multiplier: 1

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

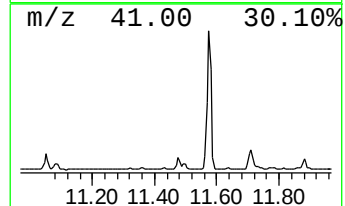
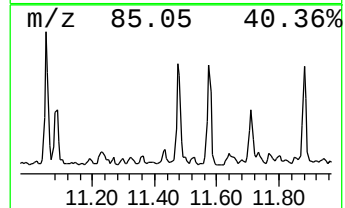
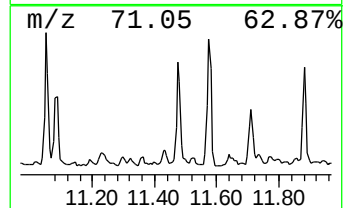
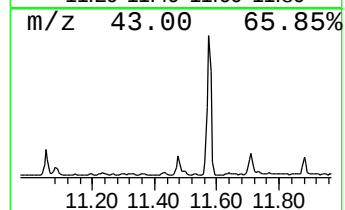
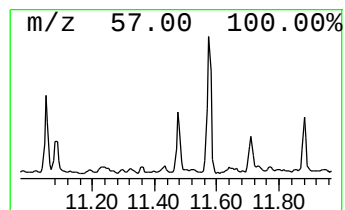
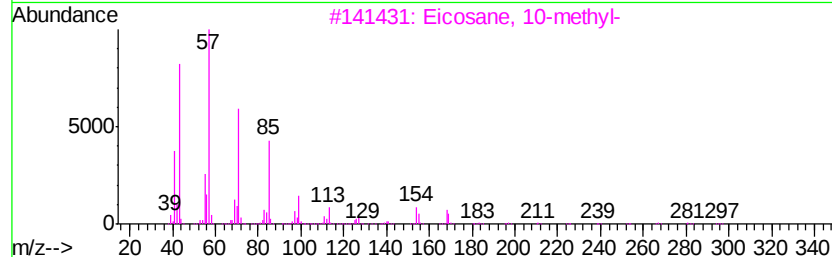
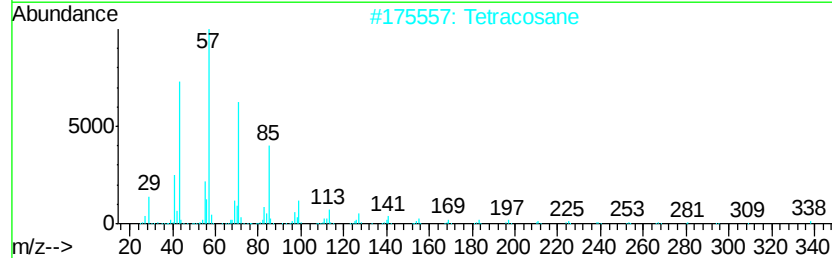
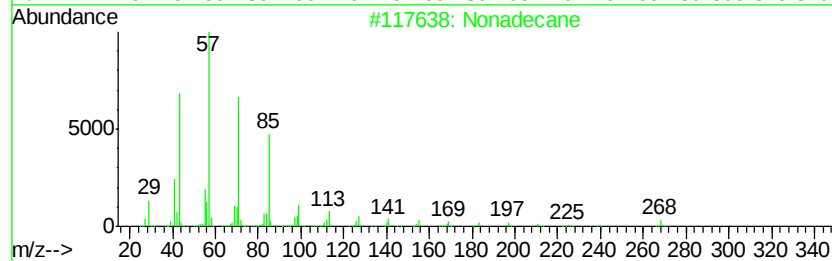
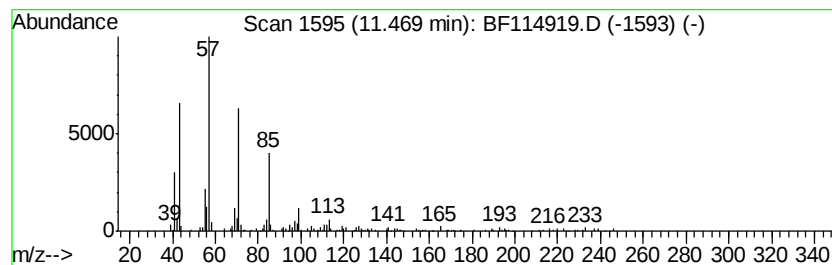
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Nonadecane Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.47	3.83 ng	350849	Phenanthrene-d10	11.16

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Nonadecane	268	C19H40	000629-92-5	91
2		Tetracosane	338	C24H50	000646-31-1	91
3		Eicosane, 10-methyl-	296	C21H44	054833-23-7	90
4		Tetradecane	198	C14H30	000629-59-4	90
5		Hexadecane	226	C16H34	000544-76-3	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF060719\
Data File : BF114919.D
Acq On : 8 Jun 2019 4:31
Operator : HP/JU
Sample : K3160-03 2X
Misc :
ALS Vial : 21 Sample Multiplier: 1

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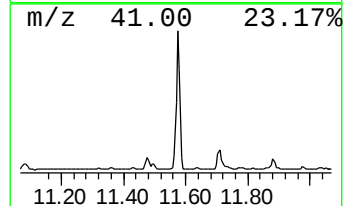
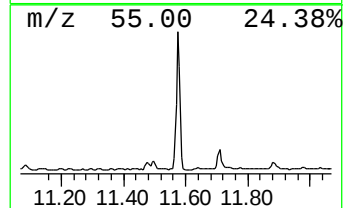
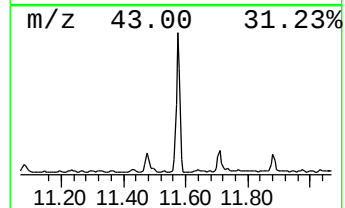
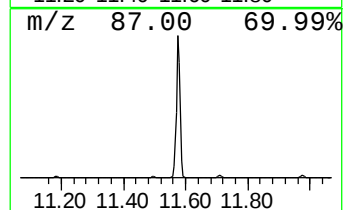
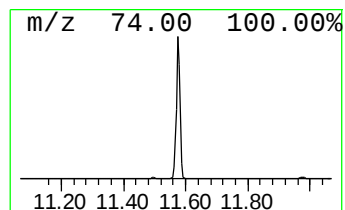
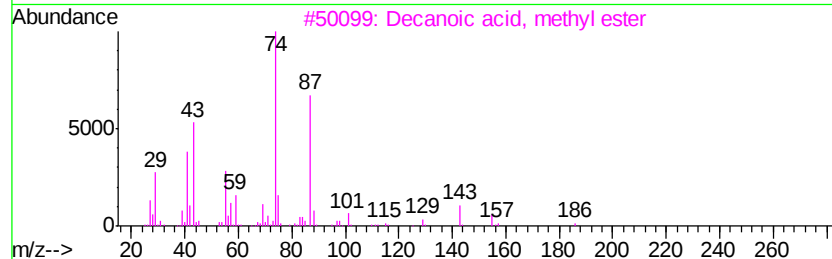
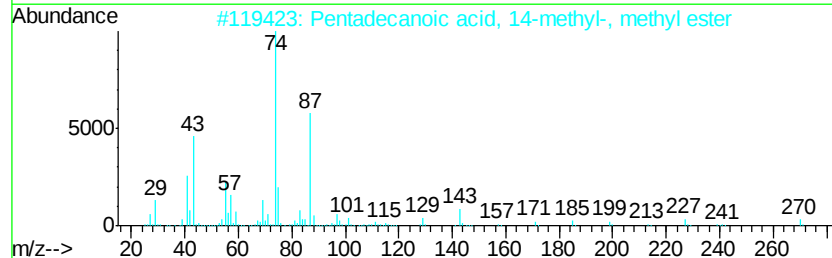
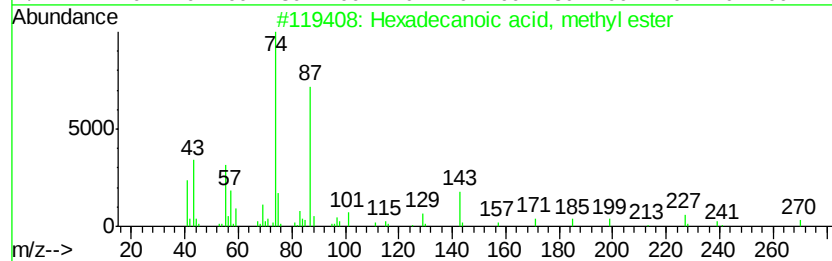
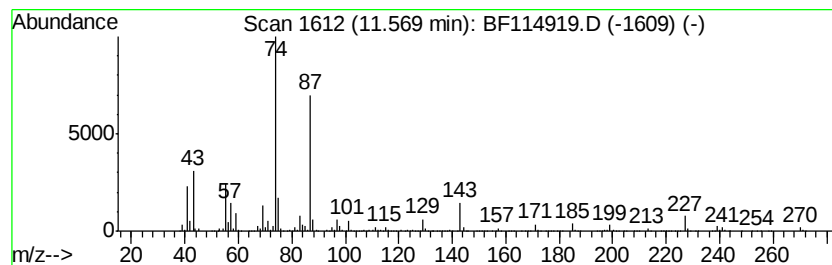
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Hexadecanoic acid, methyl e... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.57	58.48 ng	5353150	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	96
3		Decanoic acid, methyl ester	186	C11H22O2	000110-42-9	87
4		Pentadecanoic acid, methyl ester	256	C16H32O2	007132-64-1	86
5		Tridecanoic acid, methyl ester	228	C14H28O2	001731-88-0	80



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF060719\
Data File : BF114919.D
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Sample : K3160-03 2X
Misc :
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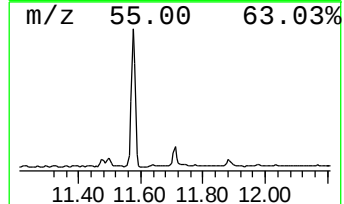
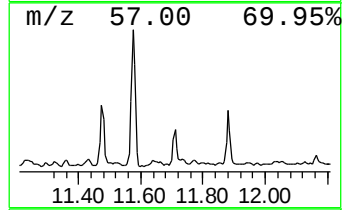
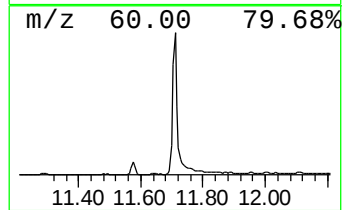
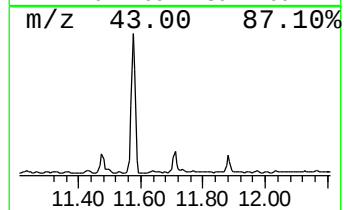
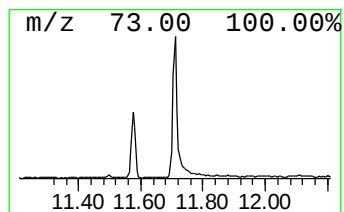
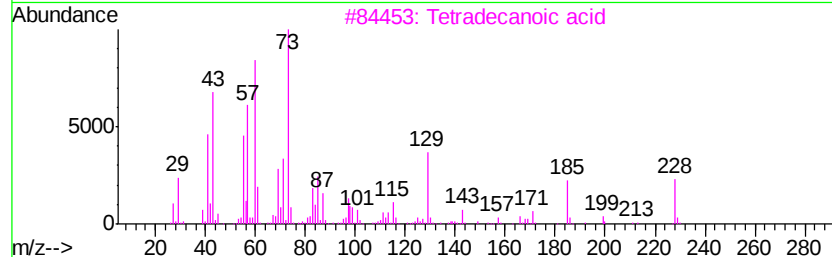
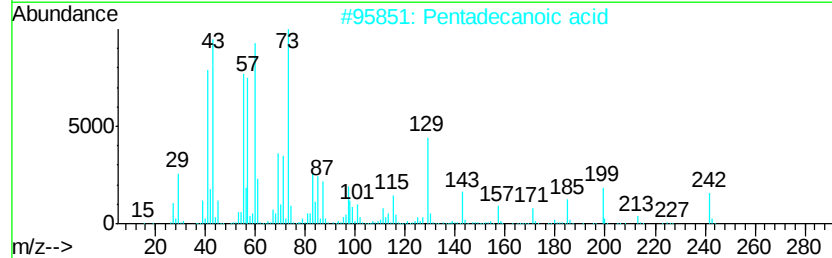
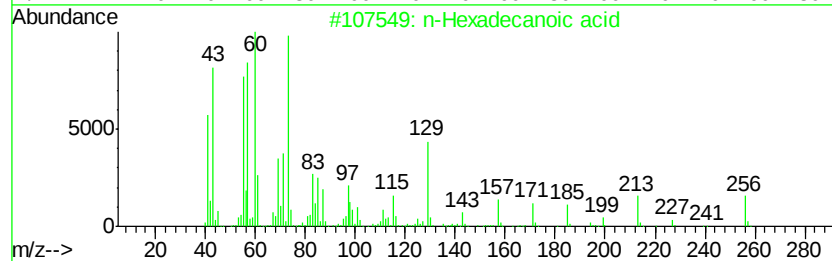
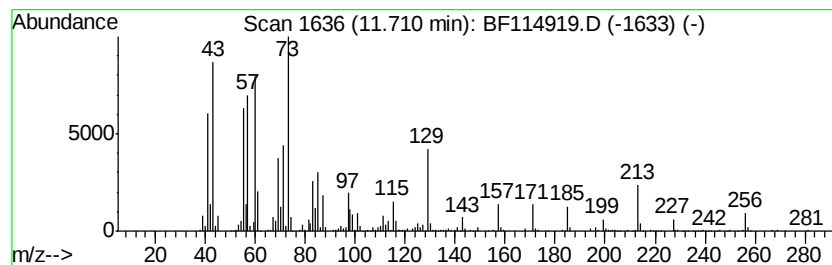
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 n-Hexadecanoic acid Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD		R.T.
11.71	5.56 ng	509025	Phenanthrene-d10		11.16
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	81
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	74
4	Dodecanoic acid	200	C12H24O2	000143-07-7	72
5	Tridecanoic acid	214	C13H26O2	000638-53-9	53



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF060719\
Data File : BF114919.D
Acq On : 8 Jun 2019 4:31
Operator : HP/JU
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Misc :
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ClientSampleId :
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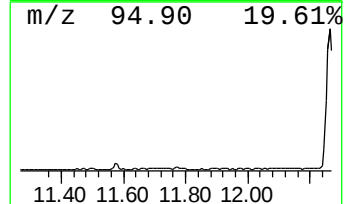
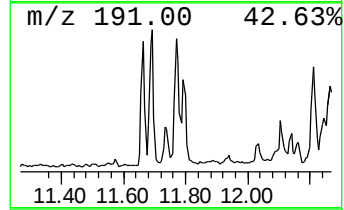
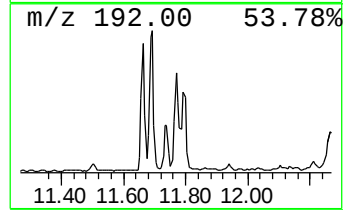
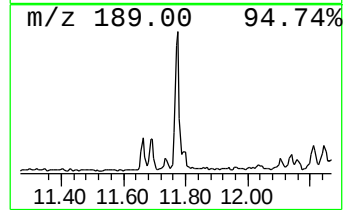
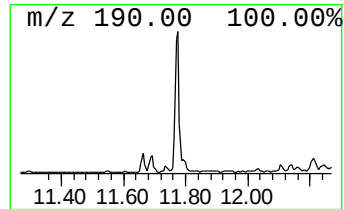
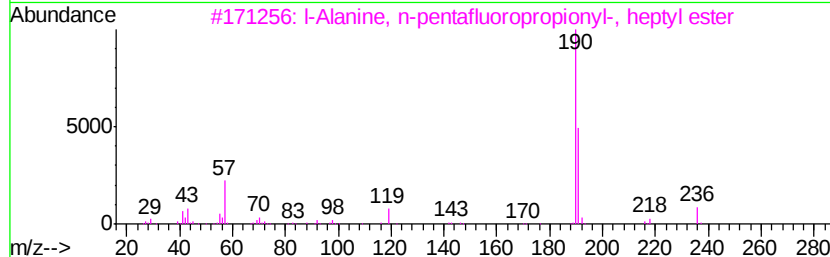
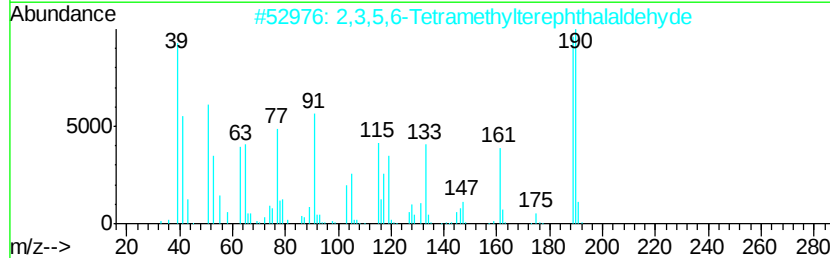
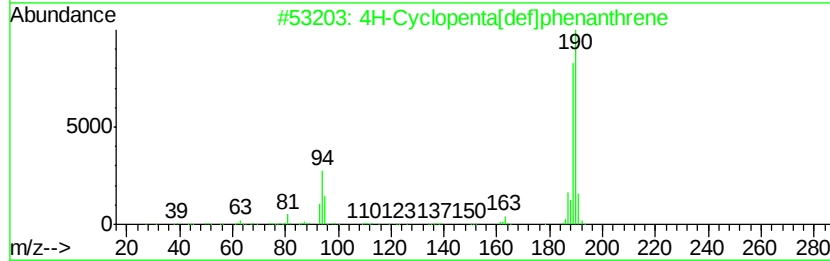
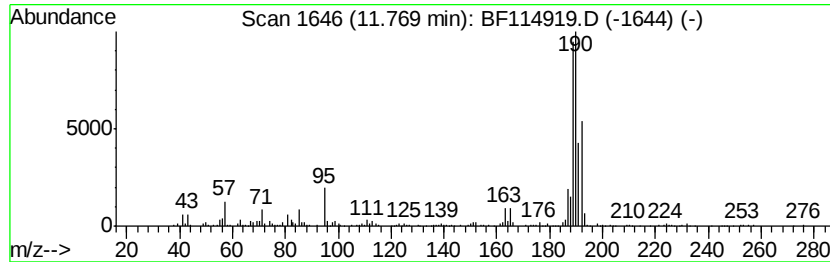
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 4H-Cyclopenta[def]phenanthrene Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.77	2.65 ng	242705	Phenanthrene-d10	11.16

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	92
2		2,3,5,6-Tetramethylterephthalald...	190	C12H14O2	007072-01-7	43
3		l-Alanine, n-pentafluoropropionv...	333	C13H20F5N03	1000323-37-4	27
4		1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	18
5		5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	18



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF060719\
Data File : BF114919.D
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Operator : HP/JU
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Misc :
ALS Vial : 21 Sample Multiplier: 1

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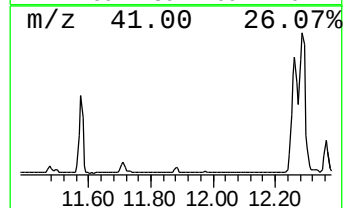
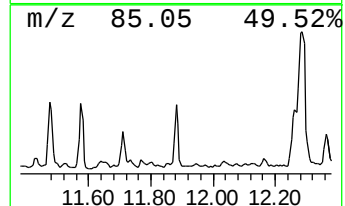
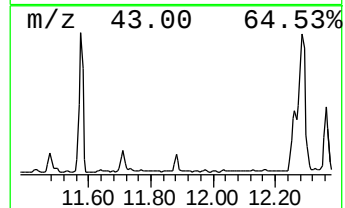
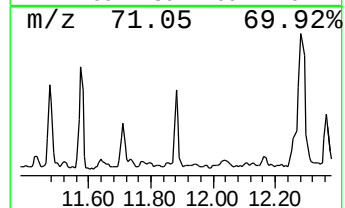
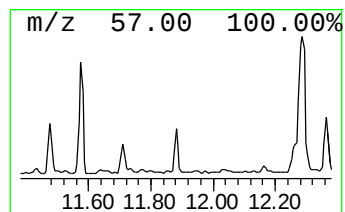
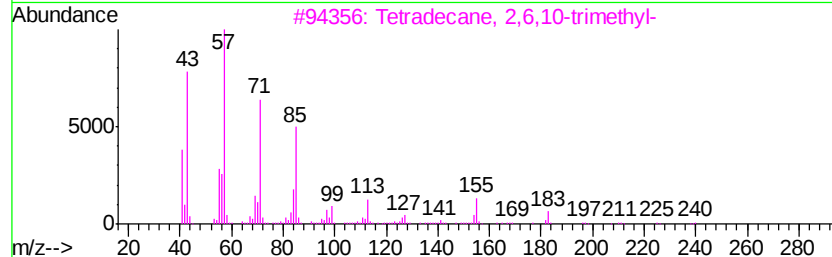
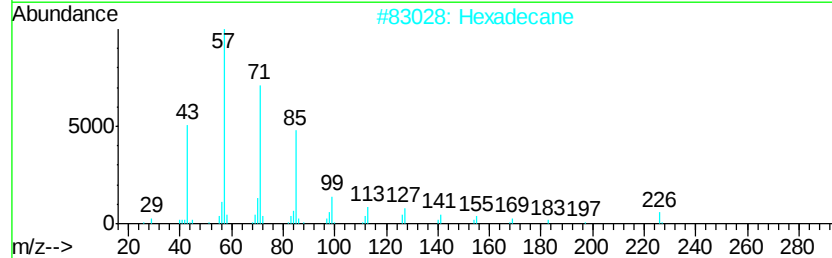
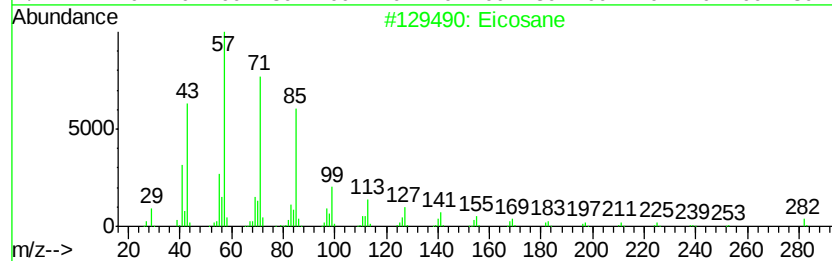
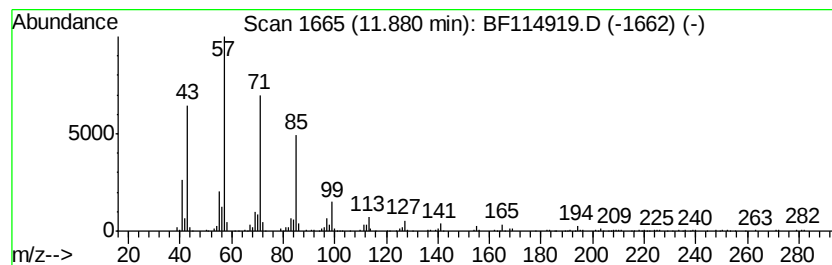
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Eicosane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.88	4.21 ng	385707	Phenanthrene-d10	11.16

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Eicosane	282	C20H42	000112-95-8	97
2		Hexadecane	226	C16H34	000544-76-3	93
3		Tetradecane, 2,6,10-trimethyl-	240	C17H36	014905-56-7	87
4		Heneicosane	296	C21H44	000629-94-7	87
5		Tetracosane	338	C24H50	000646-31-1	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF060719\
Data File : BF114919.D
Acq On : 8 Jun 2019 4:31
Operator : HP/JU
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ClientSampleId :
EO-02-060619-B

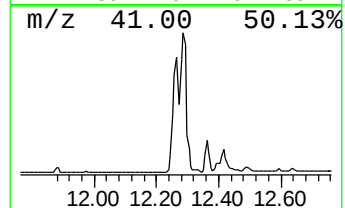
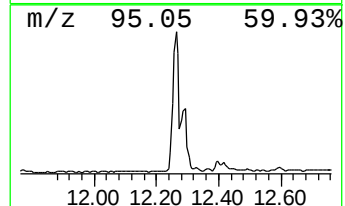
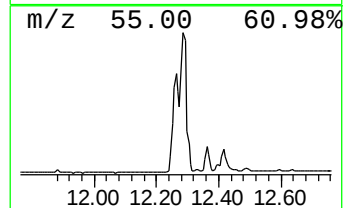
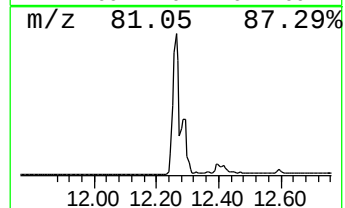
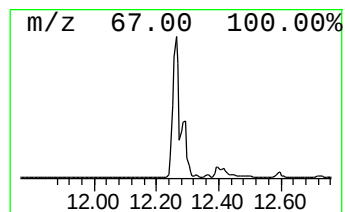
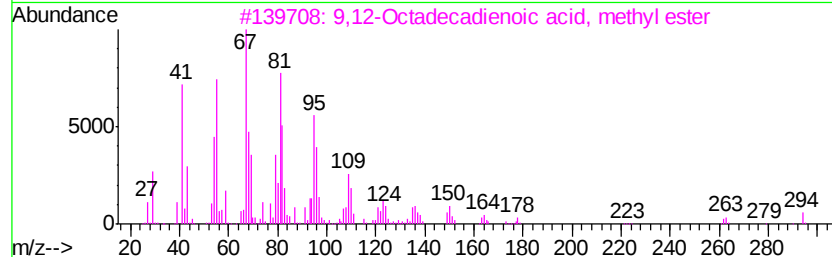
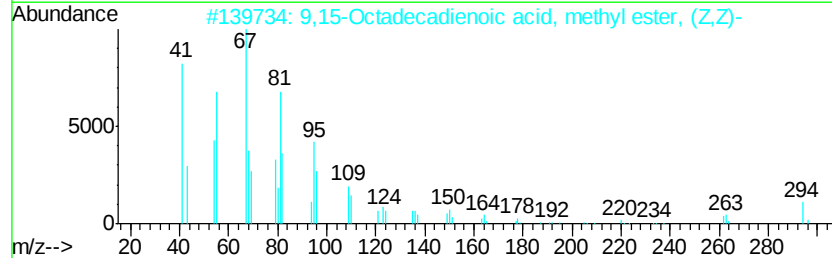
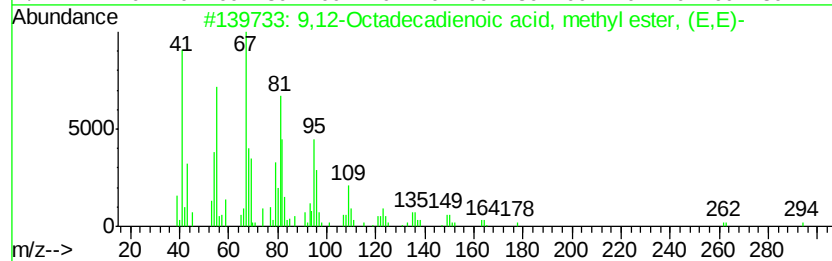
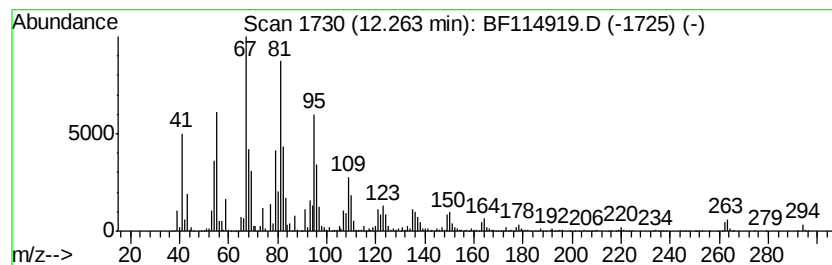
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 9,12-Octadecadienoic acid, ... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.26	143.71 ng	13155700	Phenanthrene-d10	11.16

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	9,12-Octadecadienoic acid, methy...	294	C19H34O2	002566-97-4	99
2		9,15-Octadecadienoic acid, methy...	294	C19H34O2	017309-05-6	99
3		9,12-Octadecadienoic acid, methy...	294	C19H34O2	002462-85-3	99
4		9,12-Octadecadienoic acid (Z,Z)-...	294	C19H34O2	000112-63-0	99
5		10,13-Octadecadienoic acid, meth...	294	C19H34O2	056554-62-2	99



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF060719\
Data File : BF114919.D
Acq On : 8 Jun 2019 4:31
Operator : HP/JU
Sample : K3160-03 2X
Misc :
ALS Vial : 21 Sample Multiplier: 1

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

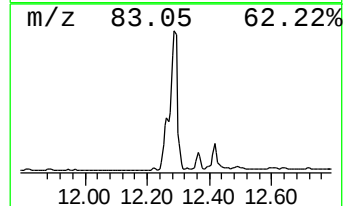
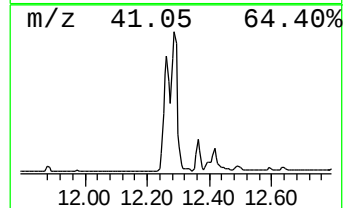
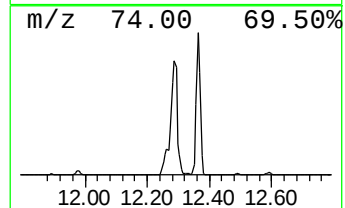
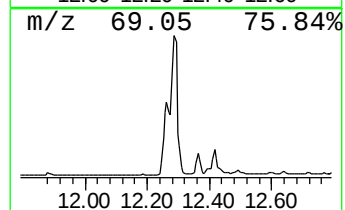
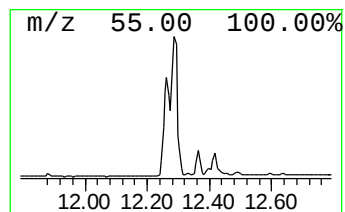
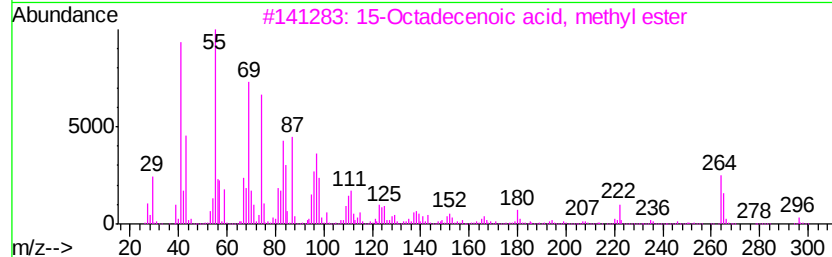
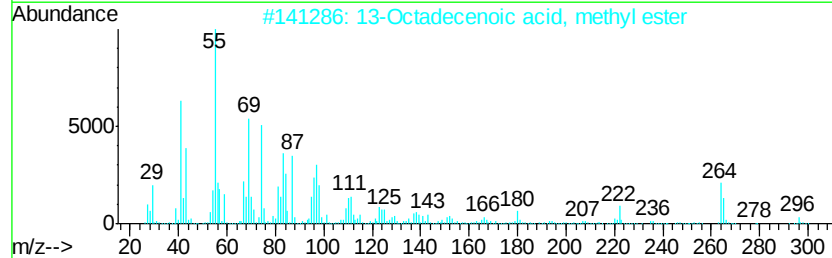
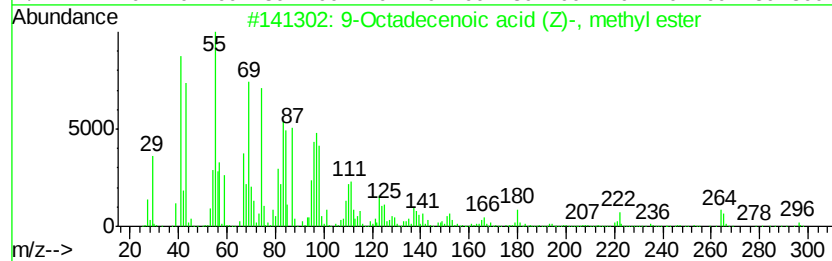
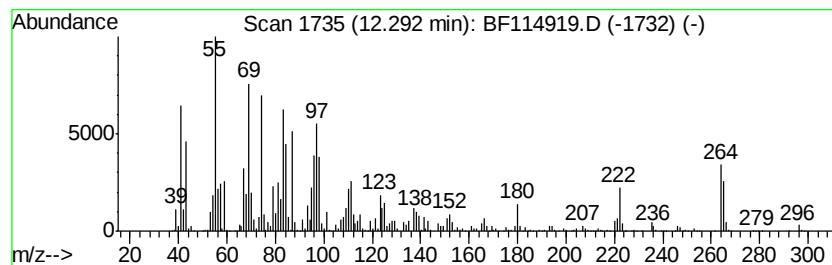
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 9-Octadecenoic acid (Z)-, m... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.29	138.45 ng	12674100	Phenanthrene-d10	11.16

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	9-Octadecenoic acid (Z)-, methyl...	296	C19H36O2	000112-62-9	99
2		13-Octadecenoic acid, methyl ester	296	C19H36O2	056554-47-3	99
3		15-Octadecenoic acid, methyl ester	296	C19H36O2	004764-72-1	99
4		16-Octadecenoic acid, methyl ester	296	C19H36O2	056554-49-5	99
5		14-Octadecenoic acid, methyl ester	296	C19H36O2	056554-48-4	99



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF060719\
Data File : BF114919.D
Acq On : 8 Jun 2019 4:31
Operator : HP/JU
Sample : K3160-03 2X
Misc :
ALS Vial : 21 Sample Multiplier: 1

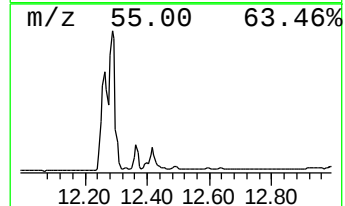
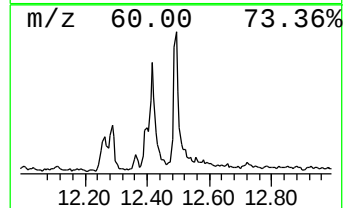
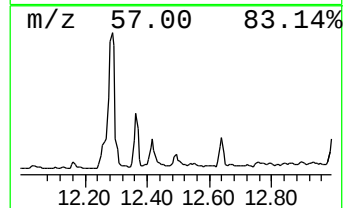
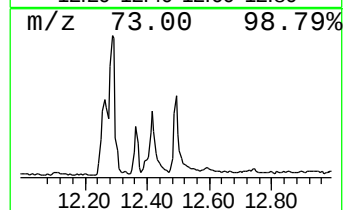
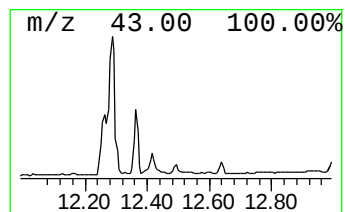
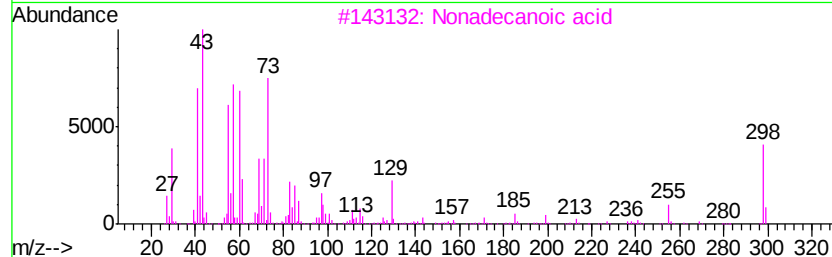
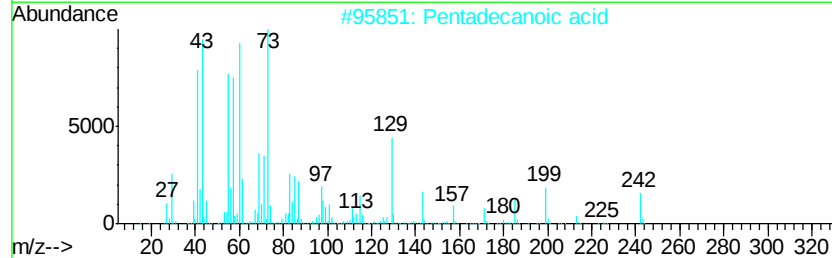
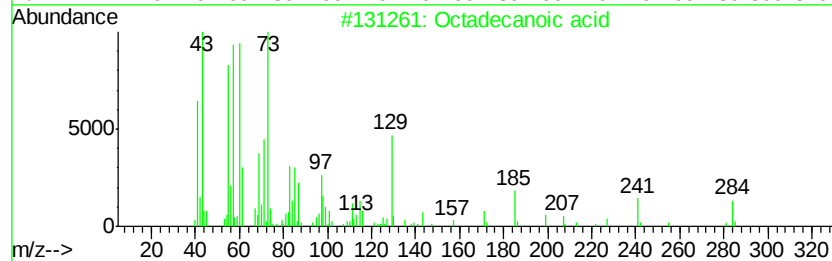
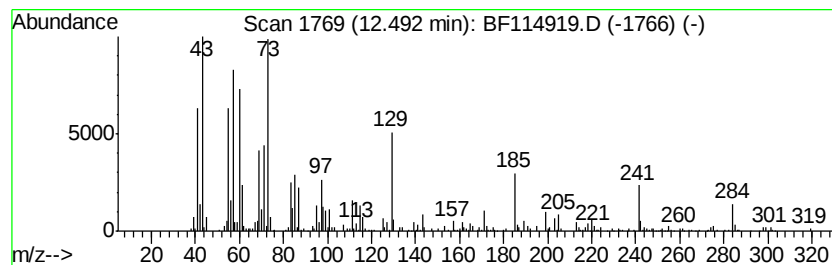
Instrument :
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ClientSampleId :
EO-02-060619-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF060419.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 Octadecanoic acid Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD		R.T.
12.49	2.80 ng	278135	Chrysene-d12		13.79
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	91
3	Nonadecanoic acid	298	C19H38O2	000646-30-0	89
4	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	83
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	68



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF060719\
Data File : BF114919.D
Acq On : 8 Jun 2019 4:31
Operator : HP/JU
Sample : K3160-03 2X
Misc :
ALS Vial : 21 Sample Multiplier: 1

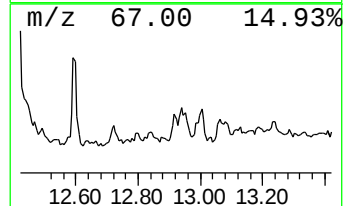
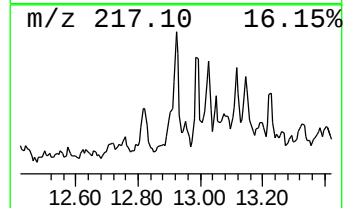
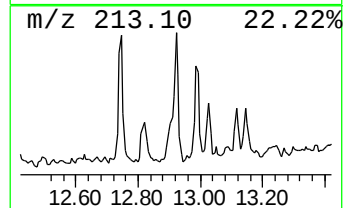
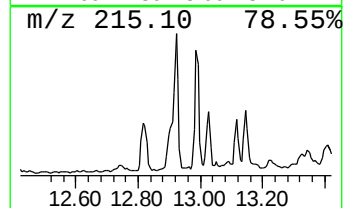
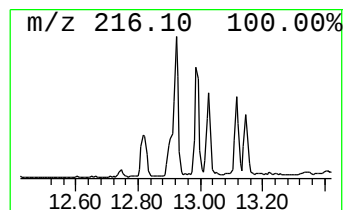
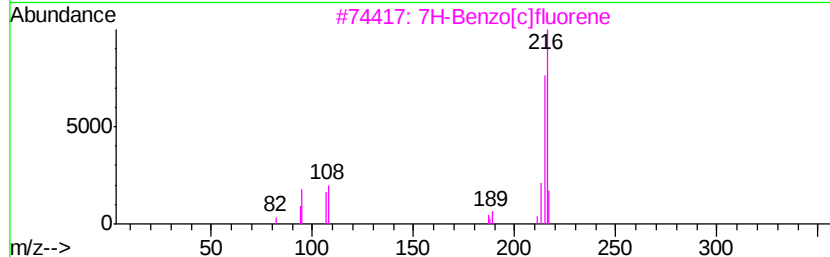
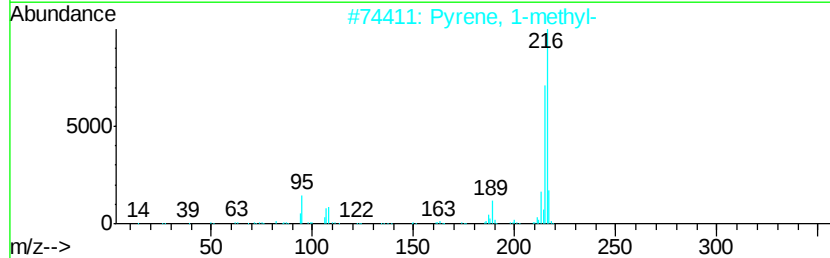
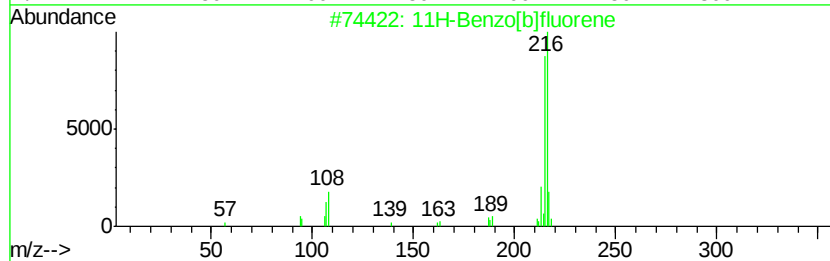
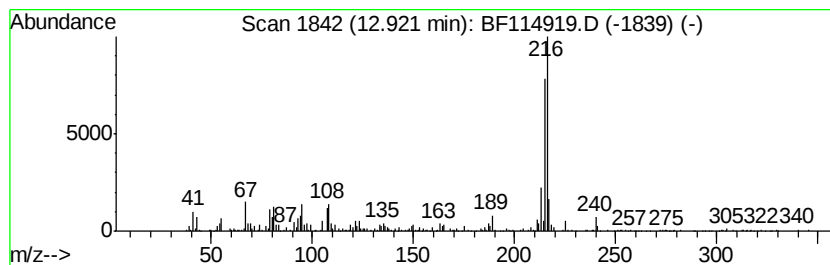
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ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF060419.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 11H-Benzo[b]fluorene Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.92	2.72 ng	270665	Chrysene-d12	13.79
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		11H-Benzo[b]fluorene	216 C17H12	000243-17-4 96
2		Pyrene, 1-methyl-	216 C17H12	002381-21-7 94
3		7H-Benzo[c]fluorene	216 C17H12	000205-12-9 93
4		11H-Benzo[a]fluorene	216 C17H12	000238-84-6 87
5		Fluoranthene, 2-methyl-	216 C17H12	033543-31-6 83



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF060719\
Data File : BF114919.D
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Operator : HP/JU
Sample : K3160-03 2X
Misc :
ALS Vial : 21 Sample Multiplier: 1

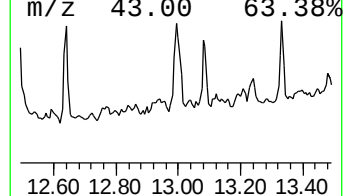
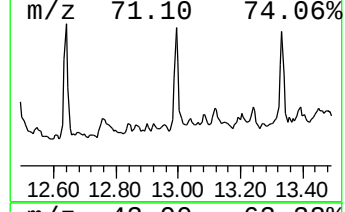
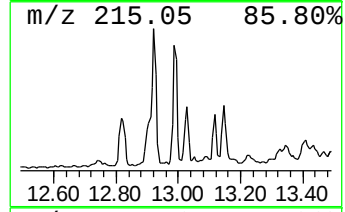
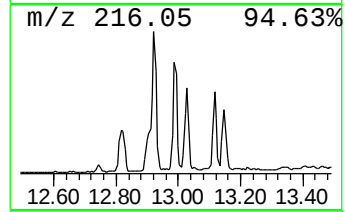
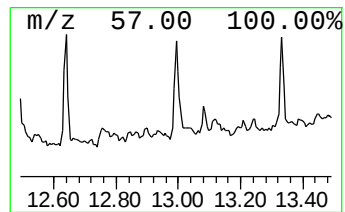
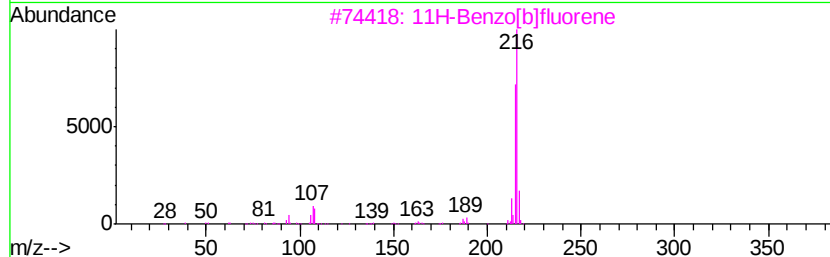
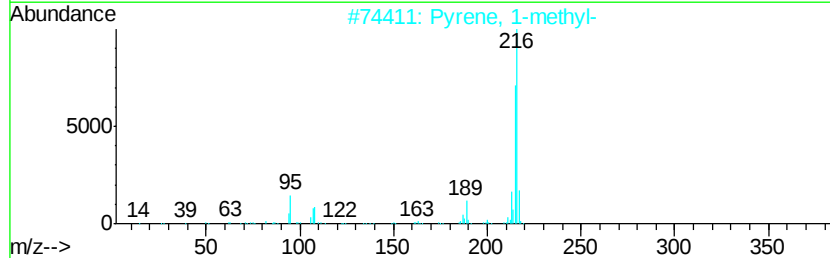
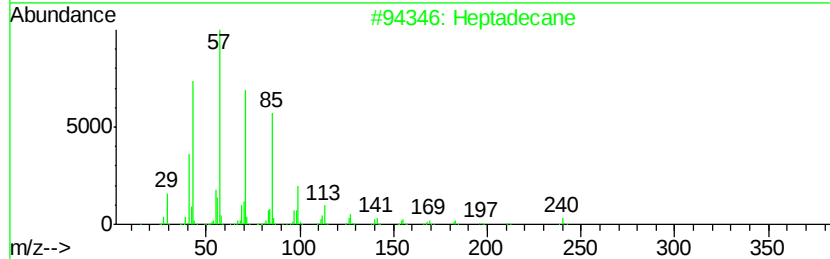
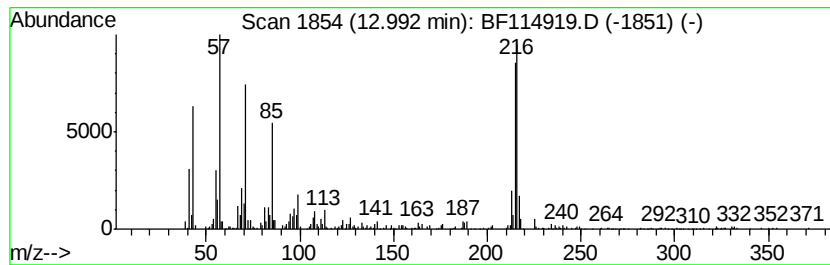
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF060419.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 Heptadecane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.	
12.99	4.14 ng	412213	Chrysene-d12	13.79	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	56
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	55
3	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	55
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	46
5	Pyrene, 2-methyl-	216	C17H12	003442-78-2	46



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF060719\
Data File : BF114919.D
Acq On : 8 Jun 2019 4:31
Operator : HP/JU
Sample : K3160-03 2X
Misc :
ALS Vial : 21 Sample Multiplier: 1

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

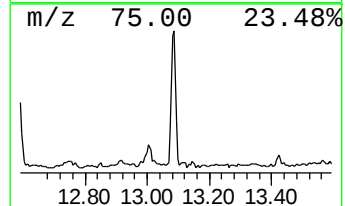
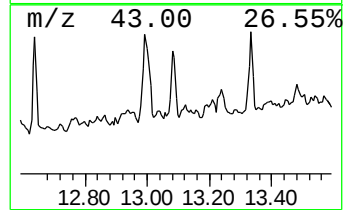
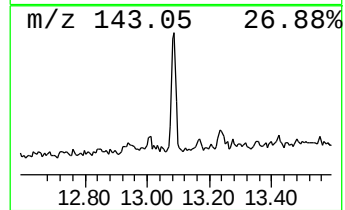
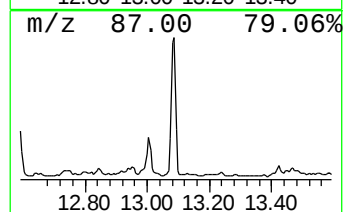
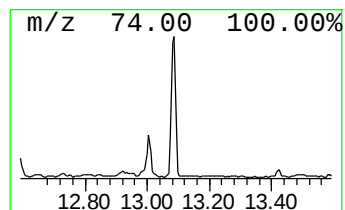
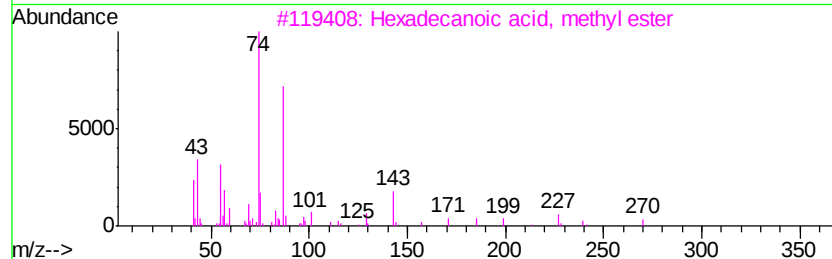
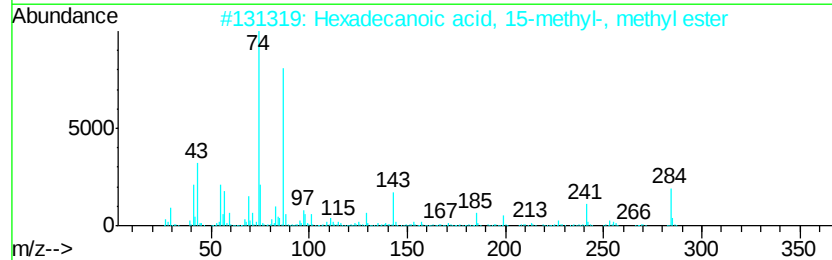
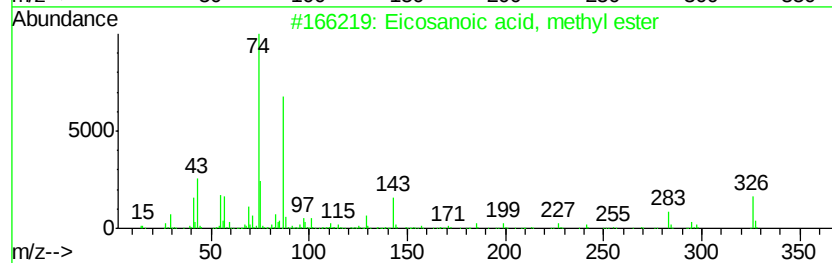
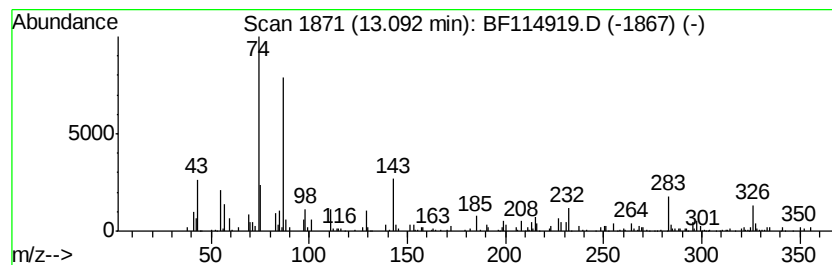
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 Eicosanoic acid, methyl ester Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.09	2.99 ng	297347	Chrysene-d12	13.79

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Eicosanoic acid, methyl ester	326	C21H42O2	001120-28-1	97
2		Hexadecanoic acid, 15-methyl-, m...	284	C18H36O2	006929-04-0	91
3		Hexadecanoic acid, methyl ester	270	C17H34O2	000112-39-0	91
4		Nonadecanoic acid, methyl ester	312	C20H40O2	001731-94-8	90
5		Hexadecanoic acid, 14-methyl-, m...	284	C18H36O2	002490-49-5	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF060719\
Data File : BF114919.D
Acq On : 8 Jun 2019 4:31
Operator : HP/JU
Sample : K3160-03 2X
Misc :
ALS Vial : 21 Sample Multiplier: 1

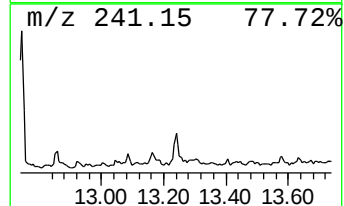
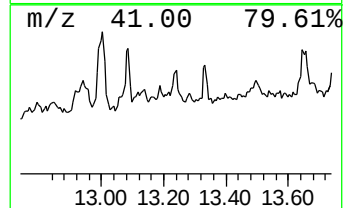
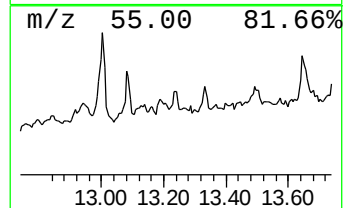
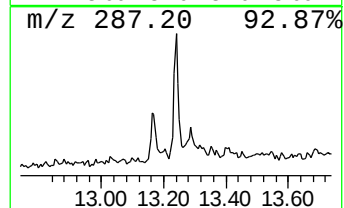
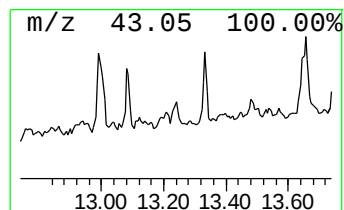
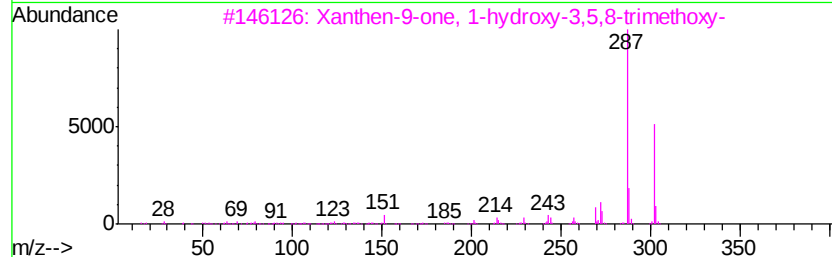
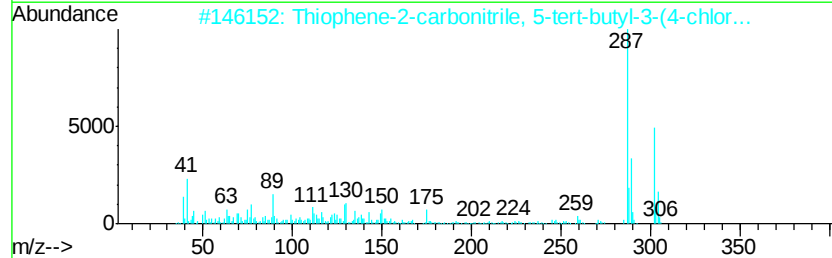
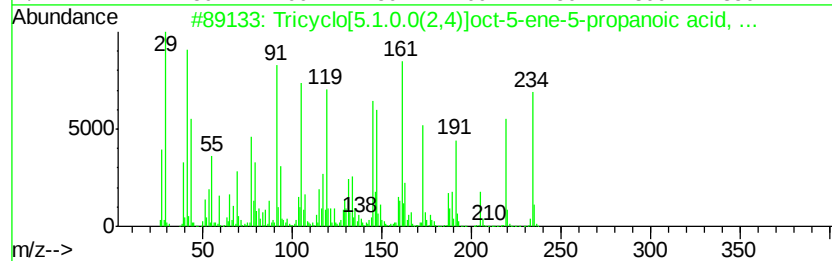
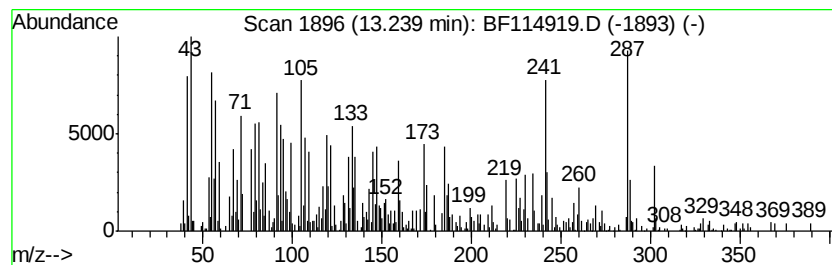
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ClientSampleId :
EO-02-060619-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF060419.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 unknown13.24 Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.		
13.24	2.81 ng	279566	Chrysene-d12	13.79		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Tricyclo[5.1.0.0(2,4)]oct-5-ene-...	234	C15H22O2	074793-63-8	25
2		Thiophene-2-carbonitrile, 5-tert...	302	C16H15ClN2S	1000268-00-9	20
3		Xanthen-9-one, 1-hydroxy-3,5,8-t...	302	C16H14O6	049599-09-9	15
4		As-Indacene, 1,2,3,6,7,8-hexahyd...	256	C19H28	017465-47-3	15
5		1H-Pyrazolo[3,4-b]pyridine-3,4(2...	241	C13H11N3O2	1000319-09-6	11



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF060719\
 Data File : BF114919.D
 Acq On : 8 Jun 2019 4:31
 Operator : HP/JU
 Sample : K3160-03 2X
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

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

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
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Hexadecane	10.14	3.3	ng	369862	3	9.69	2262550	20.0
Heneicosane	10.60	7.4	ng	679661	4	11.16	1830920	20.0
Tetradecane	11.05	4.6	ng	417276	4	11.16	1830920	20.0
Heptadecane, 2,6,...	11.08	2.8	ng	251332	4	11.16	1830920	20.0
Nonadecane	11.47	3.8	ng	350849	4	11.16	1830920	20.0
Hexadecanoic acid...	11.57	58.5	ng	5353150	4	11.16	1830920	20.0
n-Hexadecanoic acid	11.71	5.6	ng	509025	4	11.16	1830920	20.0
4H-Cyclopenta[def...	11.77	2.6	ng	242705	4	11.16	1830920	20.0
Eicosane	11.88	4.2	ng	385707	4	11.16	1830920	20.0
9,12-Octadecadien...	12.26	143.7	ng	13155700	4	11.16	1830920	20.0
9-Octadecenoic ac...	12.29	138.4	ng	12674100	4	11.16	1830920	20.0
Octadecanoic acid	12.49	2.8	ng	278135	5	13.79	1989020	20.0
11H-Benzo[b]fluorene	12.92	2.7	ng	270665	5	13.79	1989020	20.0
Heptadecane	12.99	4.1	ng	412213	5	13.79	1989020	20.0
Eicosanoic acid, ...	13.09	3.0	ng	297347	5	13.79	1989020	20.0
unknown13.24	13.24	2.8	ng	279566	5	13.79	1989020	20.0