

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF061119\
 Data File : BF114944.D
 Acq On : 11 Jun 2019 14:18
 Operator : HP/JU
 Sample : K3163-05 2X
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SU-04-060719-A

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	548	rBV	1848085	1758472	23.74%	2.488%
2	6.298	712	716	719	rBV	2221045	1801445	24.32%	2.549%
3	6.422	734	737	741	rBV	2129785	1961770	26.49%	2.776%
4	6.657	773	777	780	rBV	1421933	1103944	14.90%	1.562%
5	6.810	800	803	807	rBV	1886689	1563662	21.11%	2.212%
6	7.216	868	872	875	rBV	1462034	1135301	15.33%	1.606%
7	7.939	991	995	997	rBV	1915089	1509467	20.38%	2.136%
8	7.957	997	998	1002	rVB	169805	120786	1.63%	0.171%
9	8.651	1112	1116	1120	rVB	168591	150820	2.04%	0.213%
10	8.745	1129	1132	1137	rBV2	147509	144799	1.95%	0.205%
11	9.010	1174	1177	1181	rBV	2747684	2438483	32.92%	3.450%
12	9.269	1217	1221	1226	rBV2	86942	143695	1.94%	0.203%
13	9.345	1229	1234	1237	rBV	126035	160250	2.16%	0.227%
14	9.410	1242	1245	1247	rBV2	288735	266217	3.59%	0.377%
15	9.463	1252	1254	1260	rVB2	74101	100982	1.36%	0.143%
16	9.545	1264	1268	1271	rBV	432370	372051	5.02%	0.526%
17	9.633	1281	1283	1287	rVB	110719	92260	1.25%	0.131%
18	9.686	1287	1292	1295	rBV	2219433	1850028	24.98%	2.618%
19	9.716	1295	1297	1300	rVB	175246	132406	1.79%	0.187%
20	9.886	1323	1326	1330	rVB	159243	185805	2.51%	0.263%
21	10.004	1342	1346	1348	rBV3	90357	133741	1.81%	0.189%
22	10.133	1365	1368	1371	rVB	239329	168787	2.28%	0.239%
23	10.228	1381	1384	1387	rBV	360918	300208	4.05%	0.425%
24	10.351	1401	1405	1408	rVB4	94991	120516	1.63%	0.171%
25	10.469	1421	1425	1429	rVB	1728333	1557135	21.02%	2.203%
26	10.604	1444	1448	1450	rBV3	263270	273236	3.69%	0.387%
27	10.775	1473	1477	1479	rBV	83072	96835	1.31%	0.137%
28	10.804	1479	1482	1485	rVV3	101614	112126	1.51%	0.159%
29	10.857	1489	1491	1494	rVB3	85628	81413	1.10%	0.115%
30	11.051	1521	1524	1527	rBV2	328543	311193	4.20%	0.440%
31	11.080	1527	1529	1533	rVB	142162	124057	1.67%	0.176%
32	11.163	1539	1543	1545	rBV	1972905	1995215	26.94%	2.823%
33	11.180	1545	1546	1550	rVV	1573406	1200942	16.21%	1.699%
34	11.233	1553	1555	1558	rVB	544410	402114	5.43%	0.569%

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 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	11.269	1558	1561	1564	rBV3	74012	89451	1.21%	0.127%
36	11.386	1579	1581	1585	rBV	118678	123295	1.66%	0.174%
37	11.475	1594	1596	1598	rBV	232944	207235	2.80%	0.293%
38	11.575	1609	1613	1616	rVB	2414995	1993595	26.91%	2.821%
39	11.663	1625	1628	1630	rBV	288138	267816	3.62%	0.379%
40	11.686	1630	1632	1634	rVV	390608	404068	5.46%	0.572%
41	11.710	1634	1636	1638	rVV	911824	750082	10.13%	1.061%
42	11.733	1638	1640	1643	rVV	232356	216036	2.92%	0.306%
43	11.769	1643	1646	1649	rVV	714302	743511	10.04%	1.052%
44	11.792	1649	1650	1656	rVB	293560	195157	2.63%	0.276%
45	11.880	1662	1665	1670	rVB2	264321	294327	3.97%	0.416%
46	11.957	1675	1678	1679	rVV	165223	149516	2.02%	0.212%
47	11.974	1679	1681	1688	rVB2	191854	226650	3.06%	0.321%
48	12.033	1688	1691	1694	rBV4	56710	89751	1.21%	0.127%
49	12.133	1706	1708	1710	rBV	125665	99922	1.35%	0.141%
50	12.157	1710	1712	1715	rVB2	127613	113044	1.53%	0.160%
51	12.210	1718	1721	1724	rBV	329228	291839	3.94%	0.413%
52	12.257	1724	1729	1731	rBV	5930301	6468380	87.33%	9.152%
53	12.280	1731	1733	1739	rVB	8061359	7407009	100.00%	10.480%
54	12.363	1744	1747	1750	rBV2	3232826	3215502	43.41%	4.550%
55	12.392	1750	1752	1753	rVV	228915	173522	2.34%	0.246%
56	12.416	1753	1756	1761	rVV4	768427	965368	13.03%	1.366%
57	12.457	1761	1763	1766	rVB	197480	187103	2.53%	0.265%
58	12.486	1766	1768	1771	rBV2	273296	285615	3.86%	0.404%
59	12.592	1781	1786	1789	rBV	2810540	2703982	36.51%	3.826%
60	12.639	1792	1794	1796	rVB2	190434	147082	1.99%	0.208%
61	12.716	1804	1807	1808	rBV	173979	143706	1.94%	0.203%
62	12.739	1808	1811	1819	rVB	2657671	2493711	33.67%	3.528%
63	12.816	1821	1824	1827	rVV	195477	215631	2.91%	0.305%
64	12.921	1835	1842	1846	rBV	707232	975928	13.18%	1.381%
65	12.986	1850	1853	1857	rVV2	599378	752198	10.16%	1.064%
66	13.021	1857	1859	1863	rVV	388888	375840	5.07%	0.532%
67	13.080	1867	1869	1872	rBV2	252252	250064	3.38%	0.354%
68	13.116	1872	1875	1877	rVV	290559	229419	3.10%	0.325%
69	13.145	1877	1880	1885	rVV	292404	256728	3.47%	0.363%
70	13.333	1909	1912	1915	rVB2	235786	269935	3.64%	0.382%
71	13.533	1943	1946	1949	rBV2	307790	355992	4.81%	0.504%

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Sampling : 1 Min Area: 3 % of largest Peak
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72	13.563	1949	1951	1953	rVV	162640	127673	1.72%	0.181%
73	13.780	1984	1988	1991	rBV2	2290435	3186161	43.02%	4.508%
74	13.810	1991	1993	1996	rVB	1345809	1026986	13.87%	1.453%
75	13.974	2018	2021	2024	rBV	320030	281809	3.80%	0.399%
76	14.574	2120	2123	2128	rBV3	586108	746157	10.07%	1.056%
77	14.786	2155	2159	2168	rBV	1160787	2149493	29.02%	3.041%
78	14.880	2172	2175	2182	rVB2	837425	1455833	19.65%	2.060%
79	15.057	2202	2205	2210	rVB	684776	789851	10.66%	1.118%
80	15.110	2211	2214	2220	rBV	858653	1033990	13.96%	1.463%
81	15.168	2221	2224	2227	rBV	1064232	1123381	15.17%	1.589%
82	15.610	2296	2299	2303	rVB	599786	757076	10.22%	1.071%

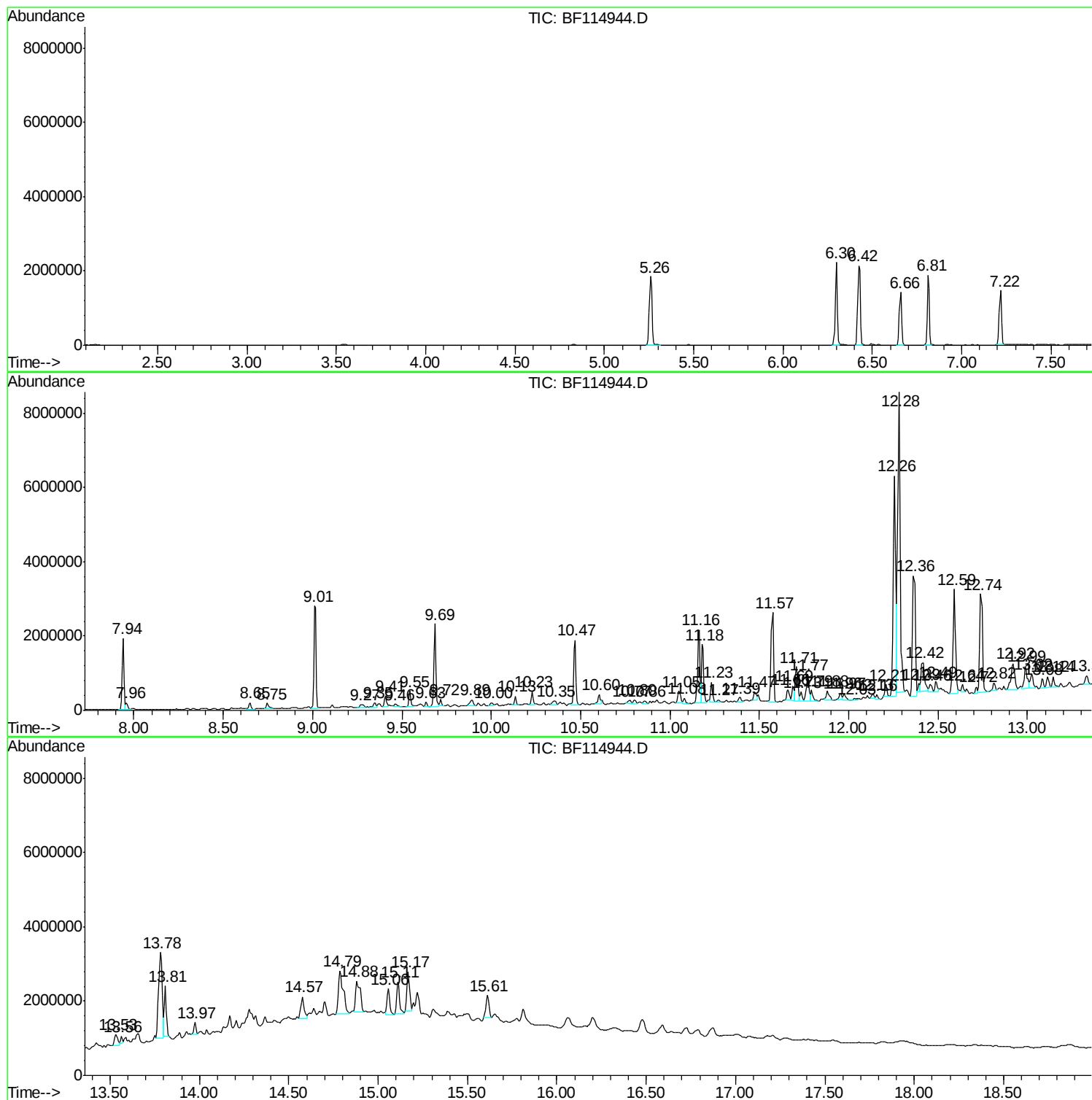
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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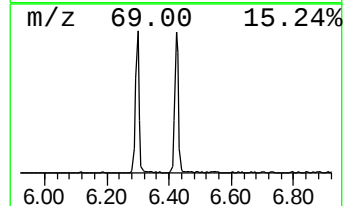
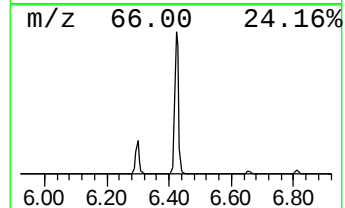
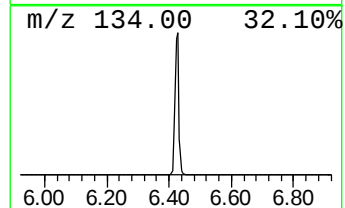
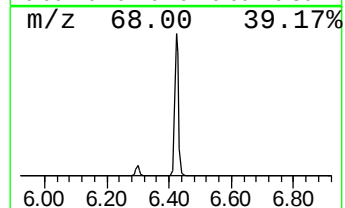
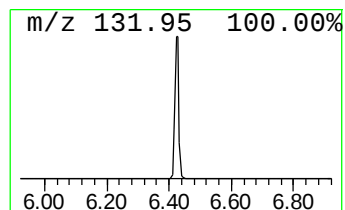
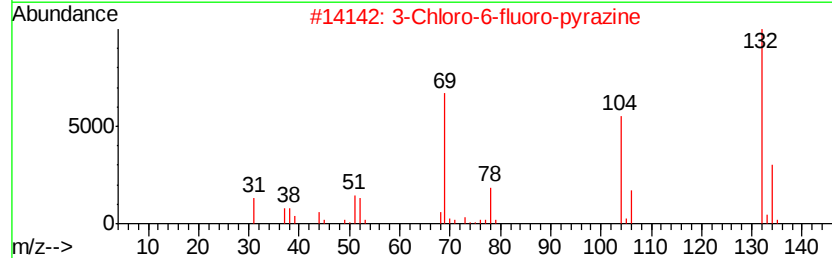
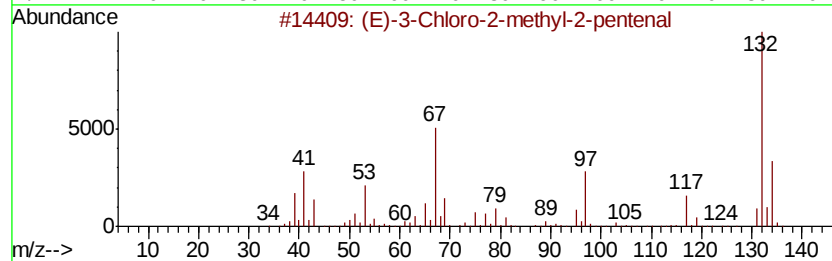
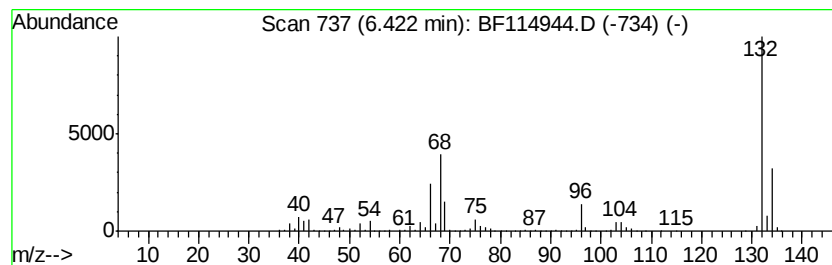
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 unknown6.42 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.42	35.54 ng	1961770	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	16
2		3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	16
3		5-Aminoindole	132	C8H8N2	005192-03-0	12
4		4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9
5		1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	9



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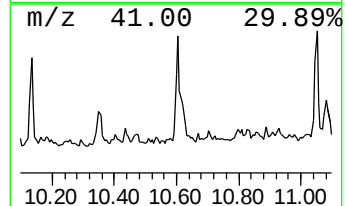
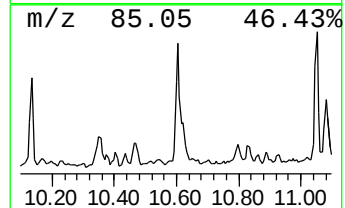
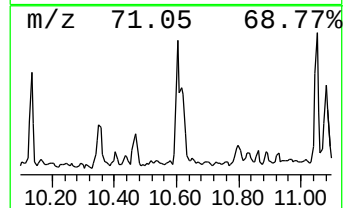
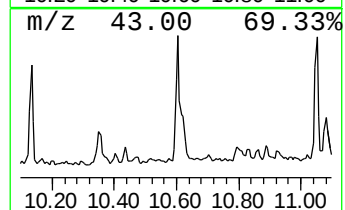
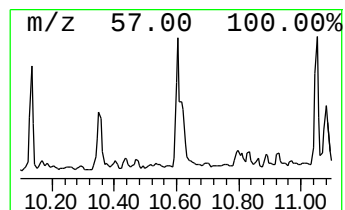
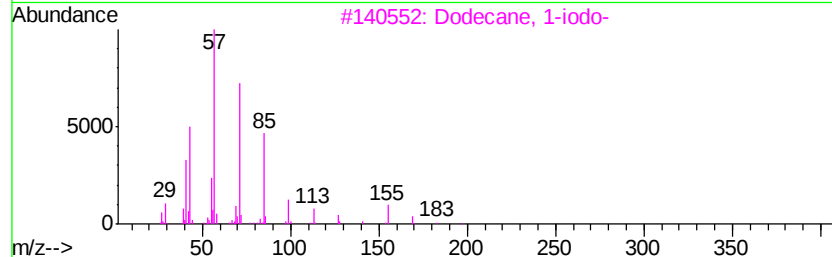
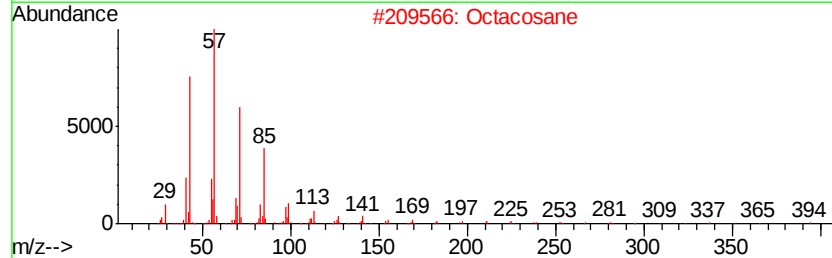
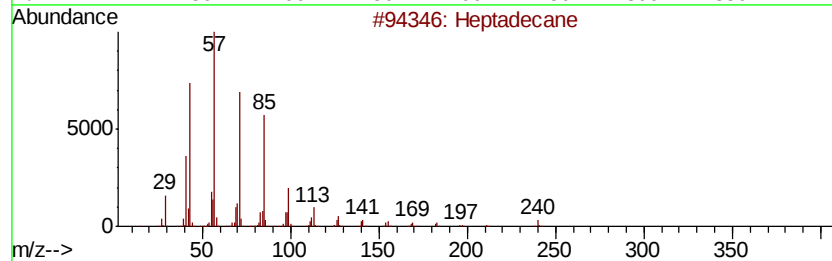
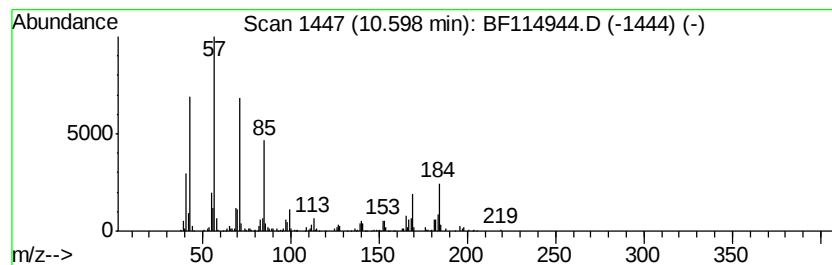
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Heptadecane Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.60	2.74 ng	273236	Phenanthrene-d10	11.16

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane		240	C17H36	000629-78-7	95
2	Octacosane		394	C28H58	000630-02-4	87
3	Dodecane, 1-iodo-		296	C12H25I	004292-19-7	86
4	Tridecane, 1-iodo-		310	C13H27I	035599-77-0	86
5	Tetracosane		338	C24H50	000646-31-1	80



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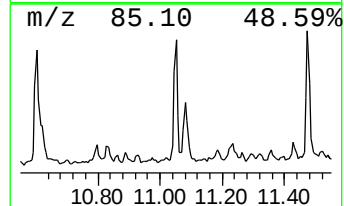
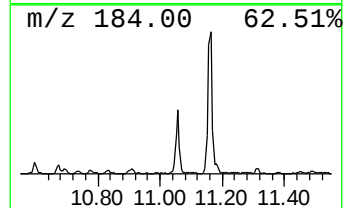
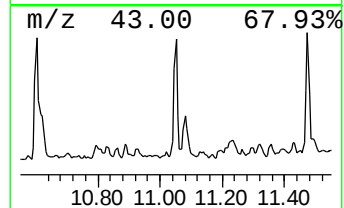
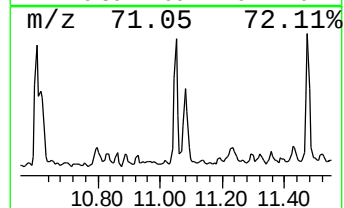
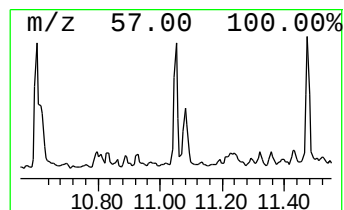
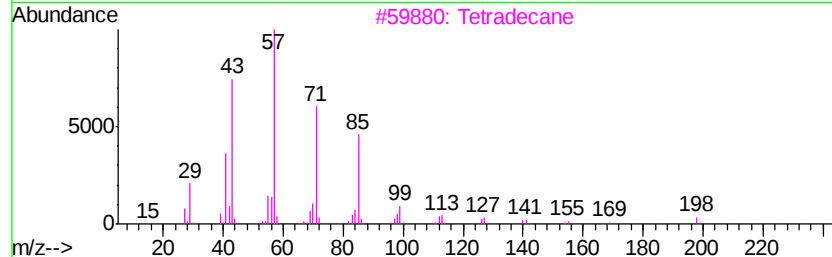
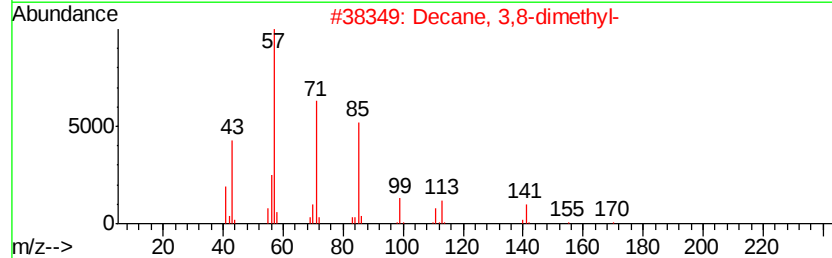
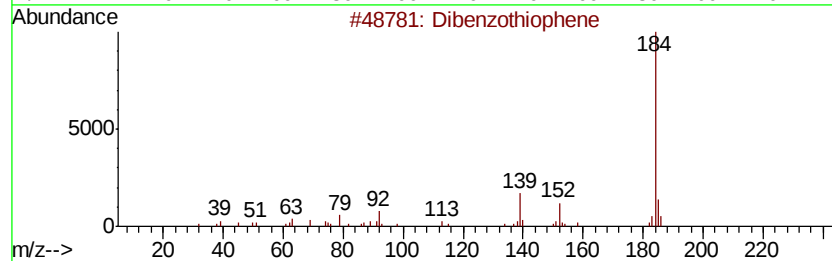
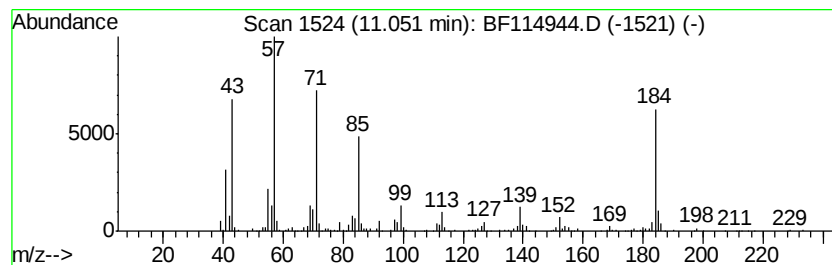
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 Dibenzothiophene Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.05	3.12 ng	311193	Phenanthrene-d10	11.16

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzothiophene		184	C12H8S	000132-65-0	74
2	Decane, 3,8-dimethyl-		170	C12H26	017312-55-9	60
3	Tetradecane		198	C14H30	000629-59-4	60
4	Tetracosane		338	C24H50	000646-31-1	53
5	Heptadecane		240	C17H36	000629-78-7	53



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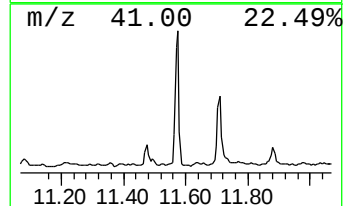
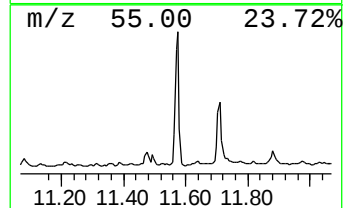
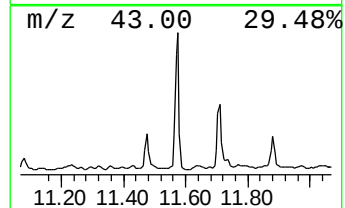
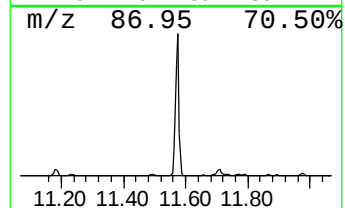
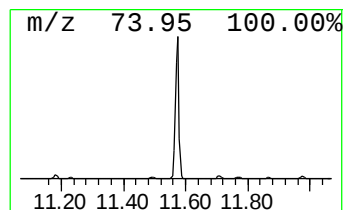
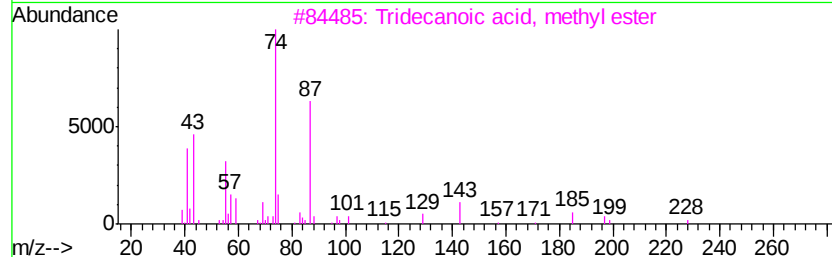
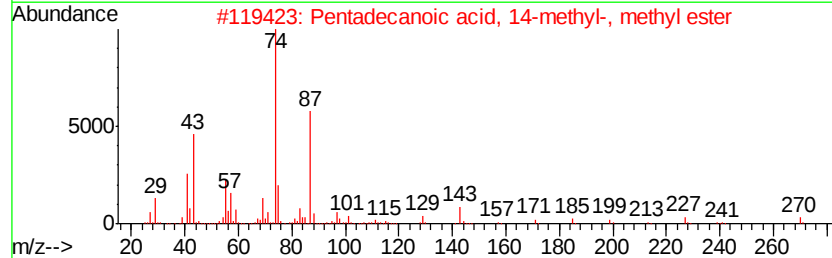
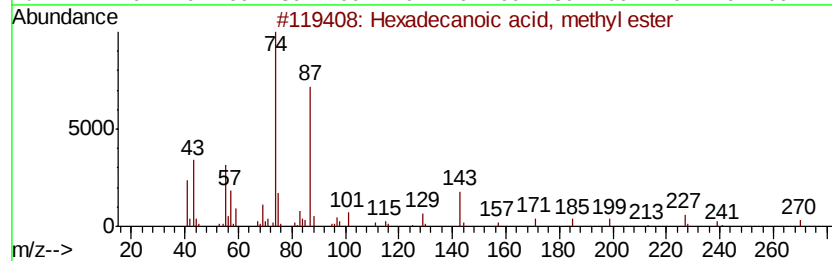
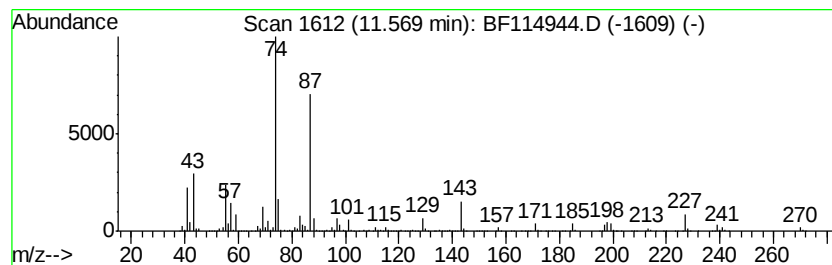
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Hexadecanoic acid, methyl e... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.57	19.98 ng	1993600	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	95
3		Tridecanoic acid, methyl ester	228	C14H28O2	001731-88-0	87
4		Pentadecanoic acid, methyl ester	256	C16H32O2	007132-64-1	86
5		Methyl tetradecanoate	242	C15H30O2	000124-10-7	80



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061119\
Data File : BF114944.D
Acq On : 11 Jun 2019 14:18
Operator : HP/JU
Sample : K3163-05 2X
Misc :
ALS Vial : 10 Sample Multiplier: 1

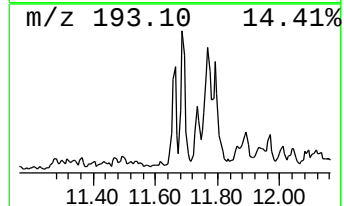
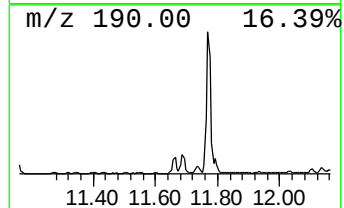
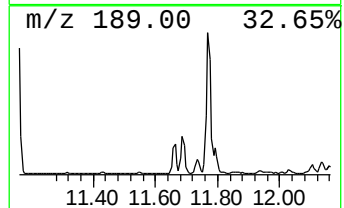
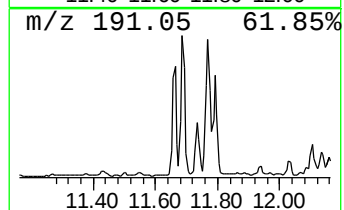
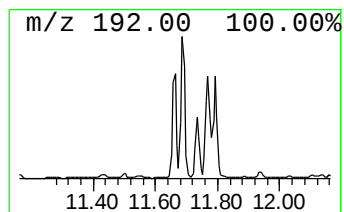
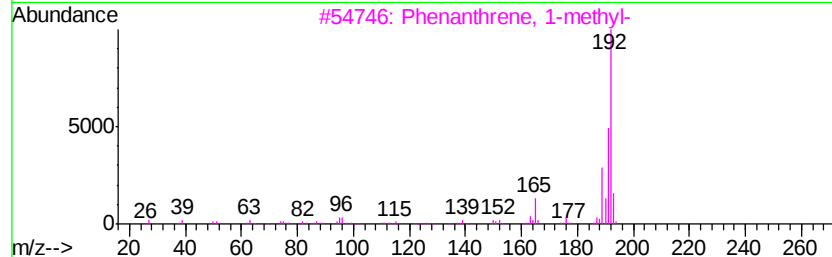
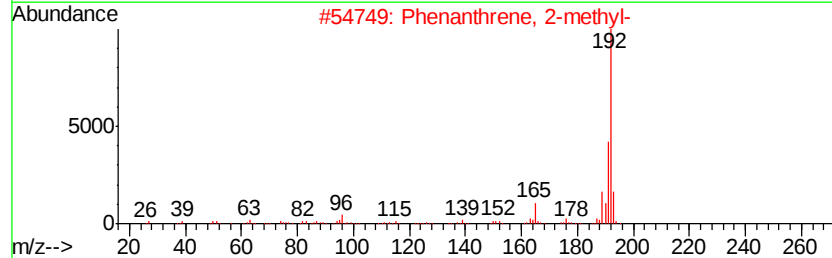
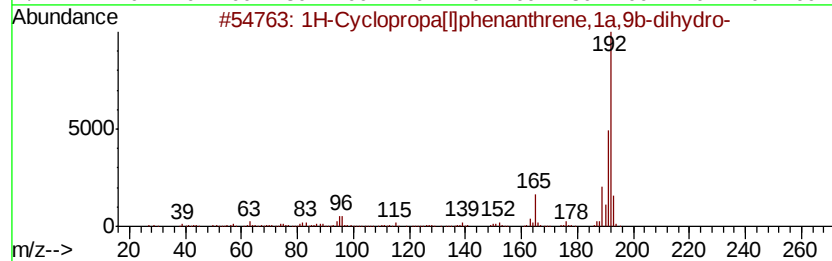
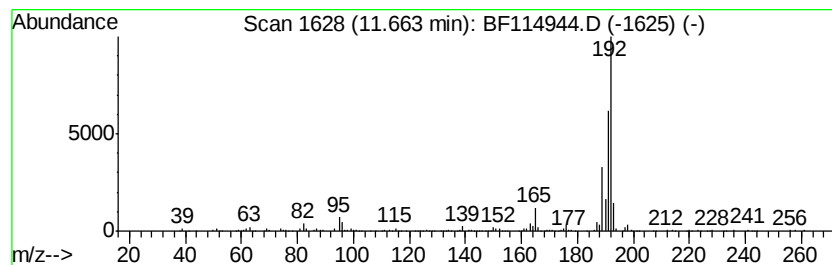
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ClientSampleId :
SU-04-060719-A

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 6 1H-Cyclopropa[l]phenanthren... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.		
11.66	2.68 ng	267816	Phenanthrene-d10	11.16		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		1H-Cyclopropa[1]phenanthrene,1a,...	192	C15H12	000949-41-7	95
2		Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
3		Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95
4		Anthracene, 2-methyl-	192	C15H12	000613-12-7	95
5		Anthracene, 1-methyl-	192	C15H12	000610-48-0	94



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061119\
Data File : BF114944.D
Acq On : 11 Jun 2019 14:18
Operator : HP/JU
Sample : K3163-05 2X
Misc :
ALS Vial : 10 Sample Multiplier: 1

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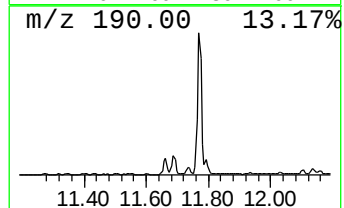
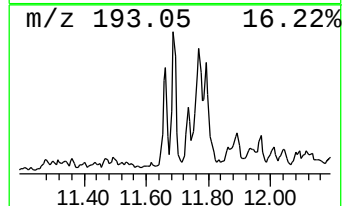
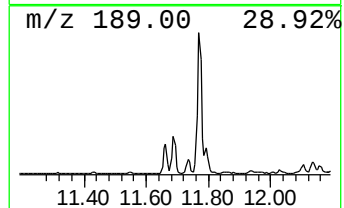
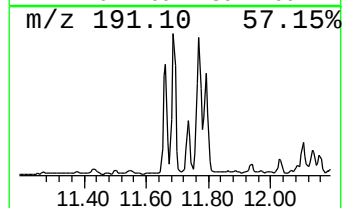
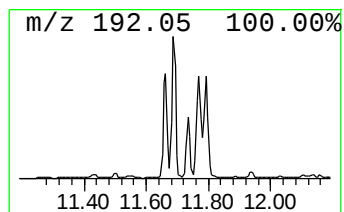
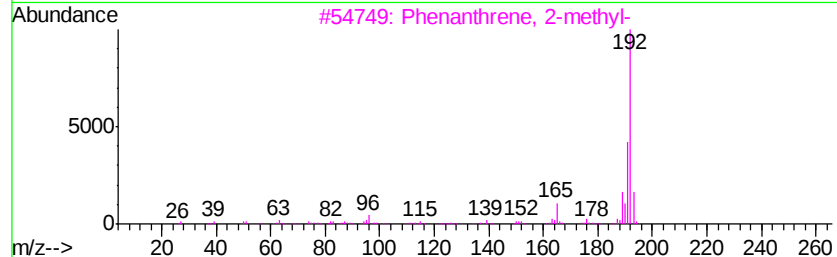
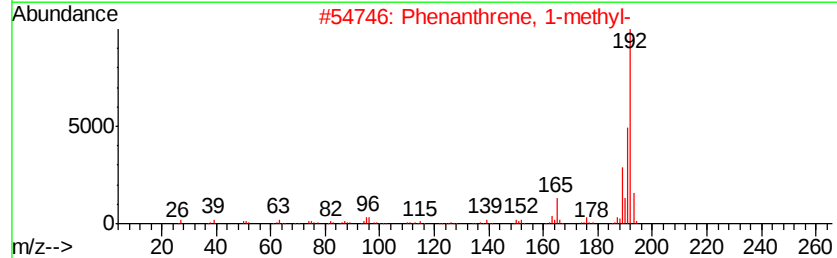
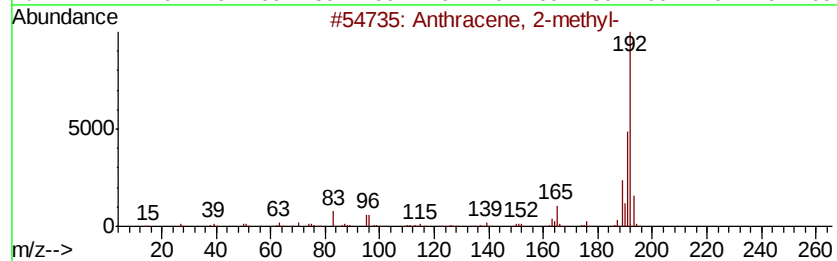
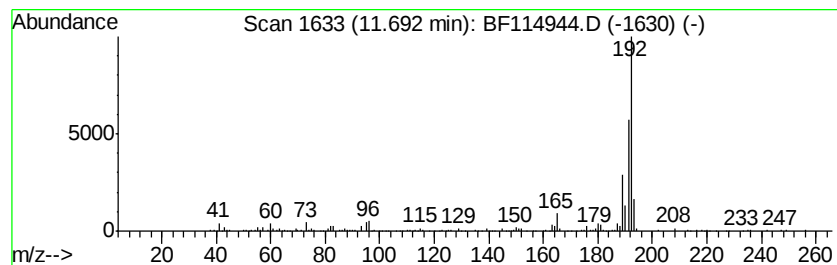
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Anthracene, 2-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.69	4.05 ng	404068	Phenanthrene-d10	11.16

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Anthracene, 2-methyl-	192	C15H12	000613-12-7	97
2		Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	97
3		Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	97
4		1H-Cyclopropa[1,1]phenanthrene, 1a,...	192	C15H12	000949-41-7	96
5		5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	95



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061119\
Data File : BF114944.D
Acq On : 11 Jun 2019 14:18
Operator : HP/JU
Sample : K3163-05 2X
Misc :
ALS Vial : 10 Sample Multiplier: 1

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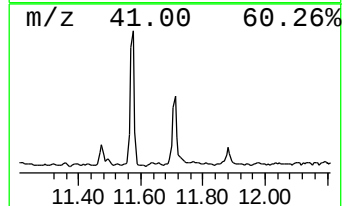
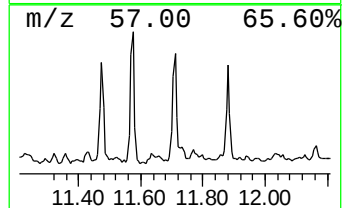
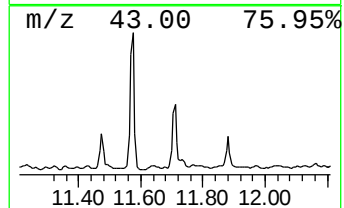
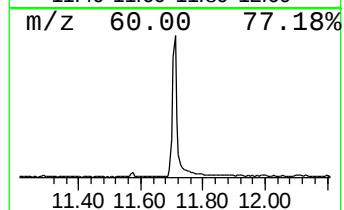
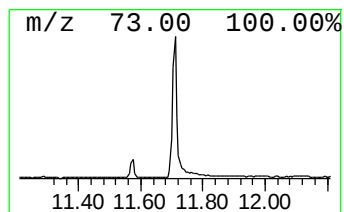
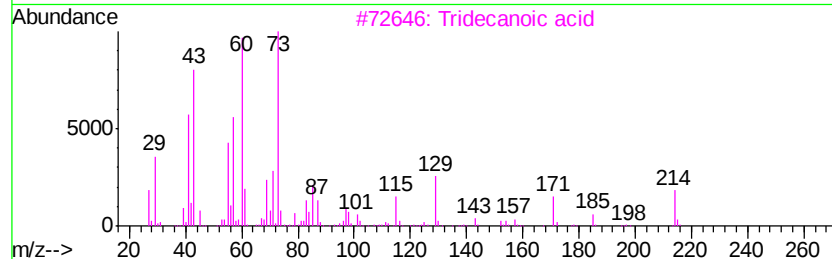
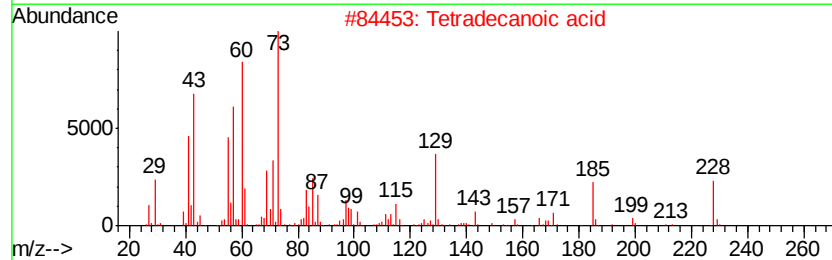
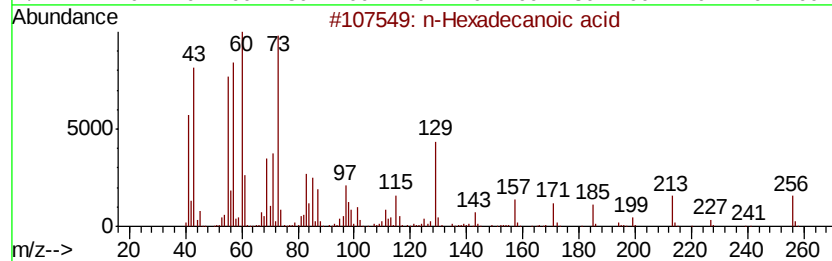
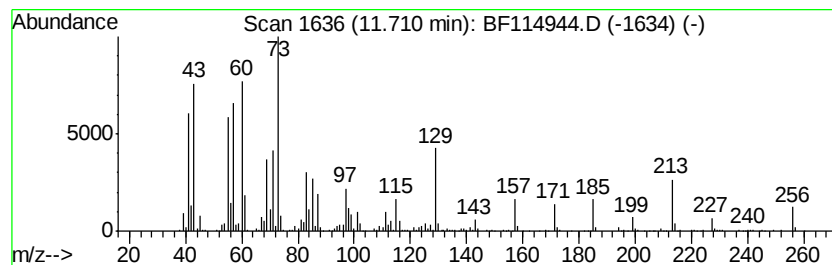
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 n-Hexadecanoic acid Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.71	7.52 ng	750082	Phenanthrene-d10	11.16

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2		Tetradecanoic acid	228	C14H28O2	000544-63-8	90
3		Tridecanoic acid	214	C13H26O2	000638-53-9	89
4		n-Decanoic acid	172	C10H20O2	000334-48-5	70
5		Pentadecanoic acid	242	C15H30O2	001002-84-2	64



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061119\
Data File : BF114944.D
Acq On : 11 Jun 2019 14:18
Operator : HP/JU
Sample : K3163-05 2X
Misc :
ALS Vial : 10 Sample Multiplier: 1

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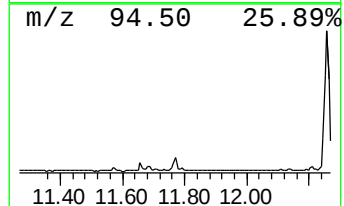
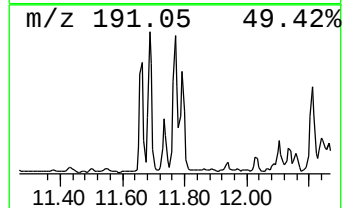
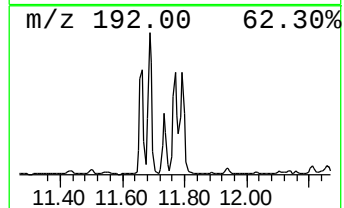
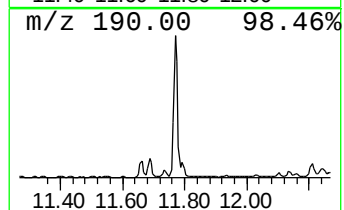
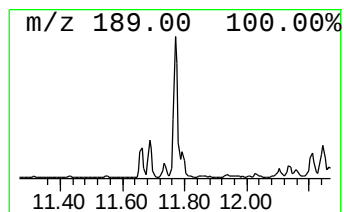
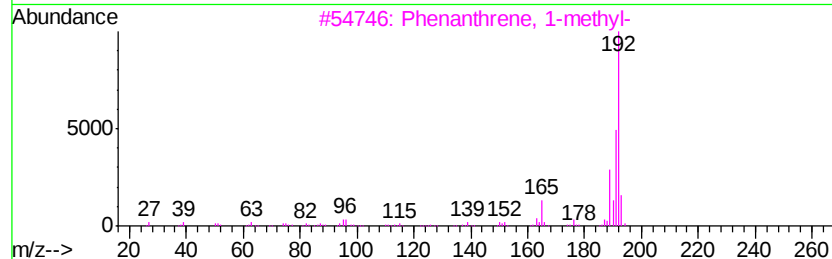
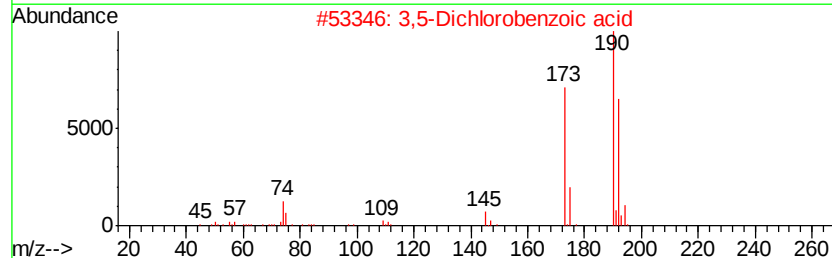
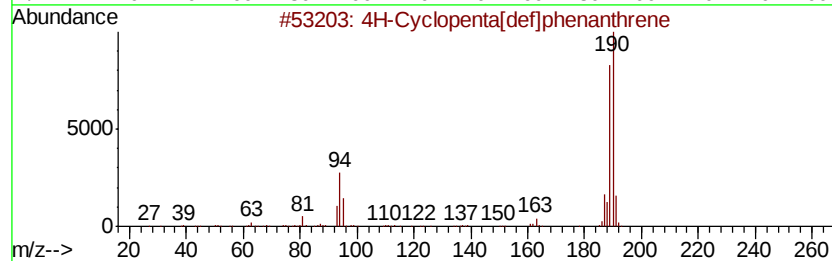
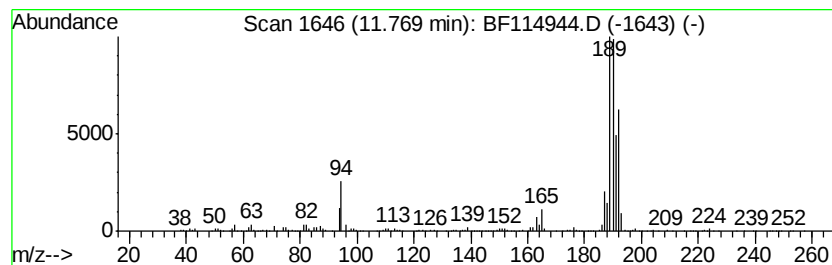
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 4H-Cyclopenta[def]phenanthrene Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.77	7.45 ng	743511	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		3,5-Dichlorobenzoic acid	190	C7H4Cl2O2	000051-36-5	30
3		Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	25
4		5H-Dibenzof[a,d]cycloheptene	192	C15H12	000256-81-5	20
5		Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	20



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061119\
Data File : BF114944.D
Acq On : 11 Jun 2019 14:18
Operator : HP/JU
Sample : K3163-05 2X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
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ClientSampleId :
SU-04-060719-A

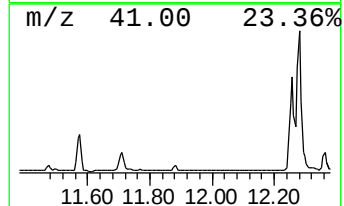
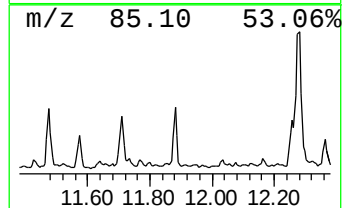
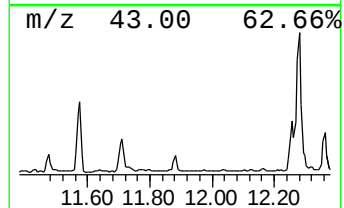
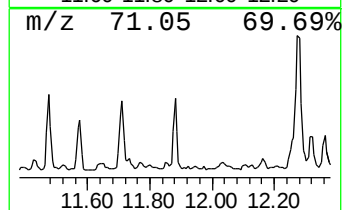
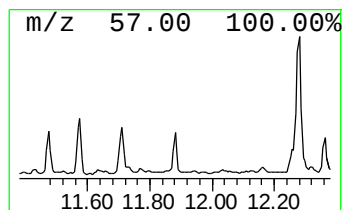
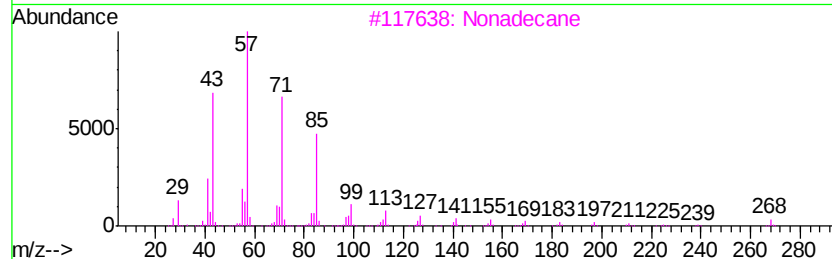
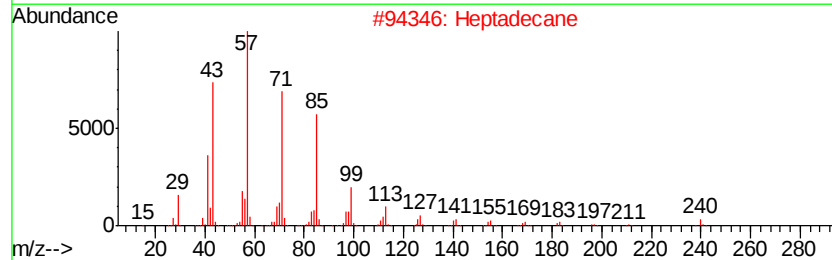
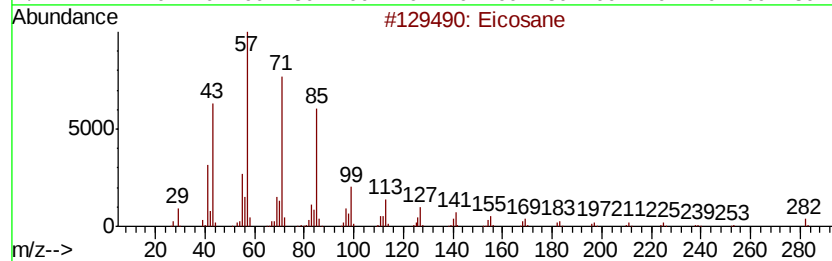
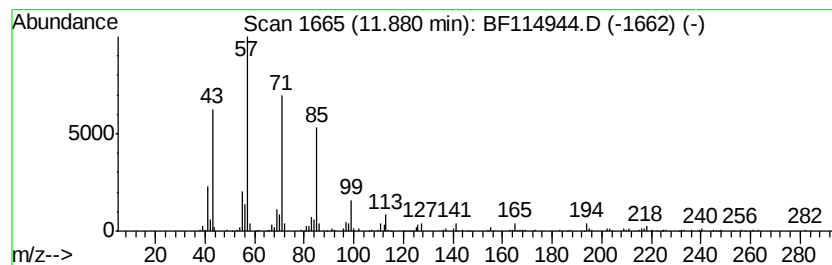
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Eicosane Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.88	2.95 ng	294327	Phenanthrene-d10	11.16

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Eicosane	282	C20H42	000112-95-8	95
2		Heptadecane	240	C17H36	000629-78-7	94
3		Nonadecane	268	C19H40	000629-92-5	83
4		1-Iodoundecane	282	C11H23I	004282-44-4	81
5		Tridecane, 7-propyl-	226	C16H34	055045-09-5	72



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061119\
Data File : BF114944.D
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Misc :
ALS Vial : 10 Sample Multiplier: 1

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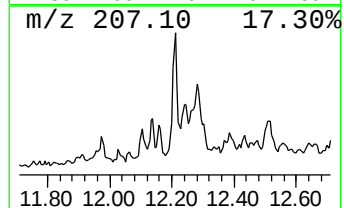
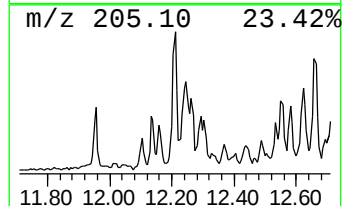
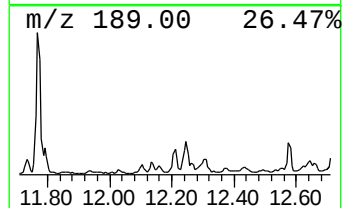
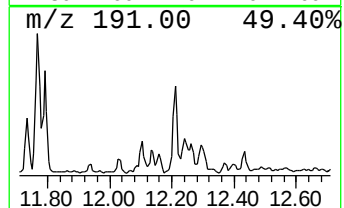
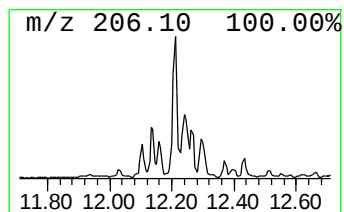
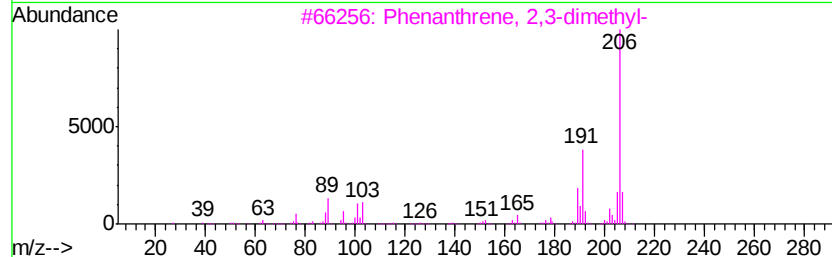
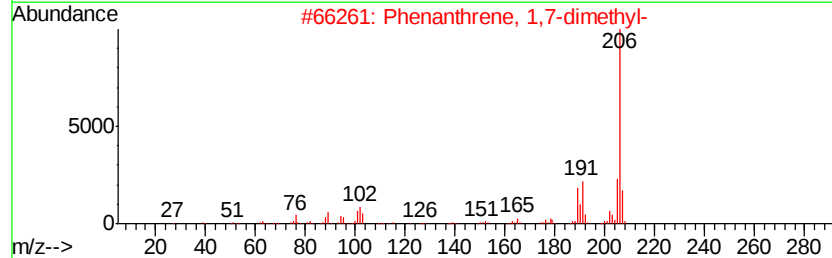
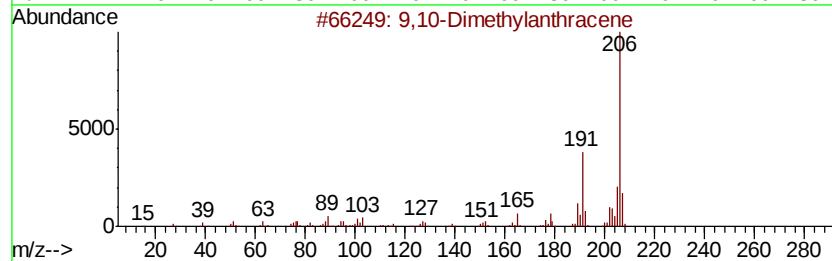
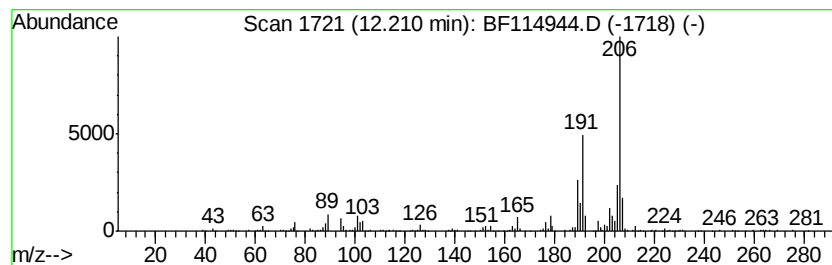
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 9,10-Dimethylantracene Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.21	2.93 ng	291839	Phenanthrene-d10	11.16

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			9,10-Dimethylantracene	206	C16H14	000781-43-1	96
2			Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	93
3			Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	91
4			Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	91
5			Anthracene, 1,4-dimethyl-	206	C16H14	000781-92-0	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061119\
Data File : BF114944.D
Acq On : 11 Jun 2019 14:18
Operator : HP/JU
Sample : K3163-05 2X
Misc :
ALS Vial : 10 Sample Multiplier: 1

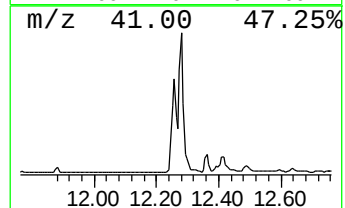
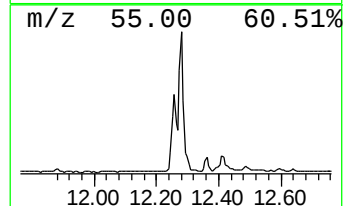
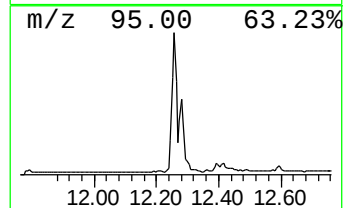
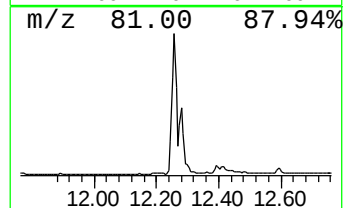
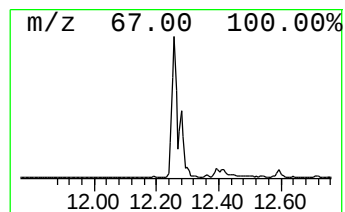
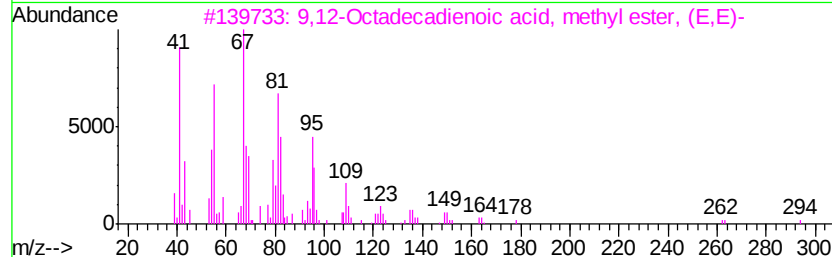
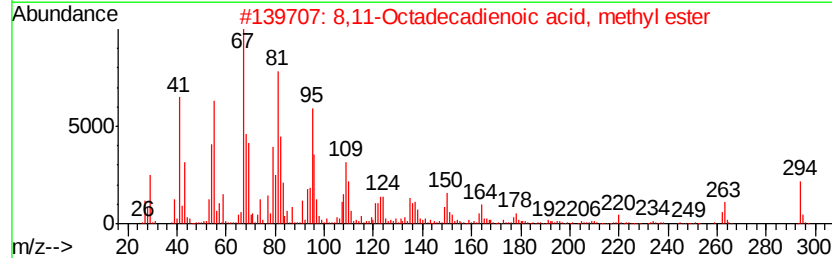
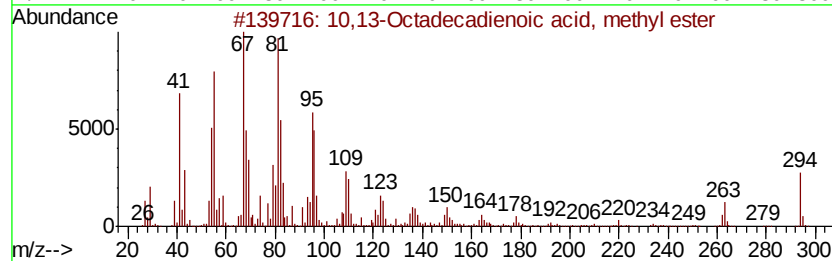
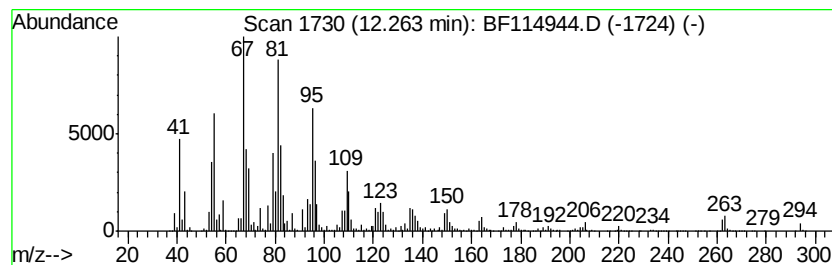
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ClientSampleId :
SU-04-060719-A

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 12 10,13-Octadecadienoic acid,... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.	
12.26	64.84 ng	6468380	Phenanthrene-d10	11.16	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	10,13-Octadecadienoic acid, meth...	294	C19H34O2	056554-62-2	99
2	8,11-Octadecadienoic acid, methy...	294	C19H34O2	056599-58-7	99
3	9,12-Octadecadienoic acid, methv...	294	C19H34O2	002566-97-4	99
4	9,12-Octadecadienoic acid, methv...	294	C19H34O2	002462-85-3	99
5	9,15-Octadecadienoic acid, methy...	294	C19H34O2	017309-05-6	99



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061119\
Data File : BF114944.D
Acq On : 11 Jun 2019 14:18
Operator : HP/JU
Sample : K3163-05 2X
Misc :
ALS Vial : 10 Sample Multiplier: 1

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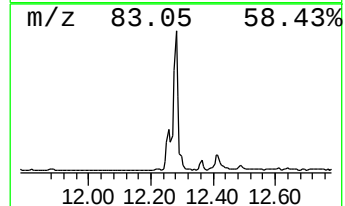
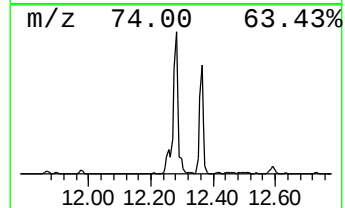
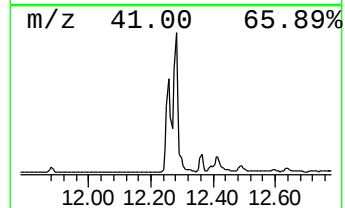
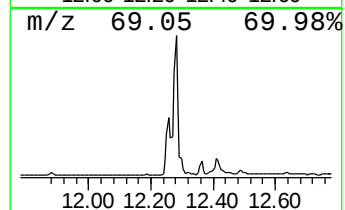
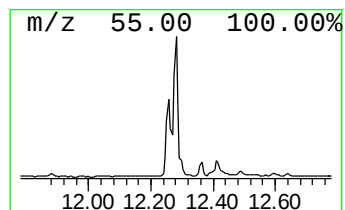
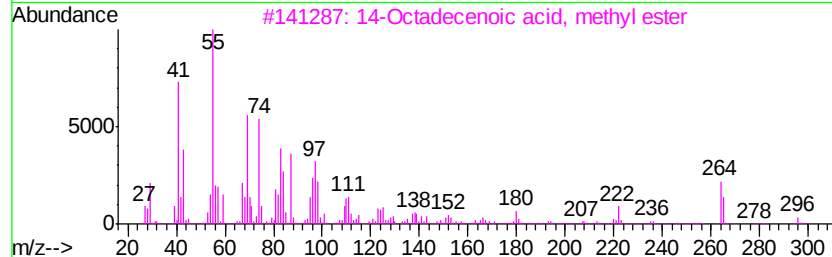
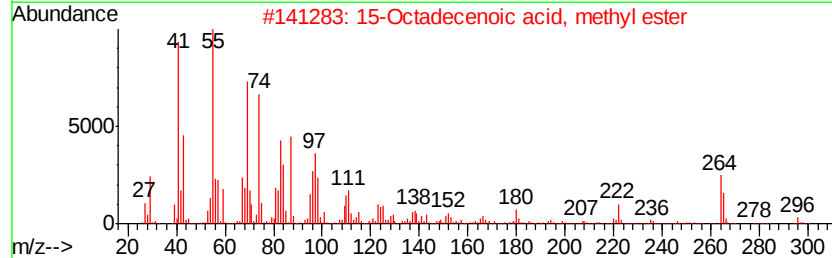
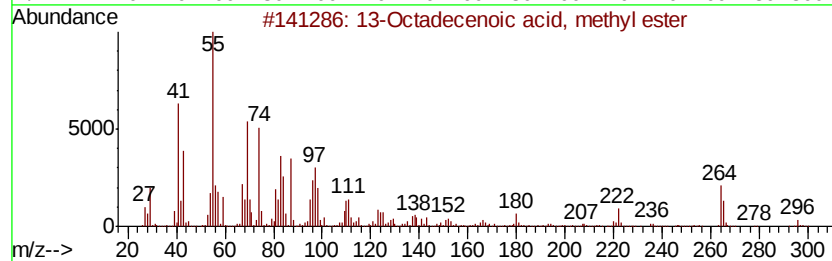
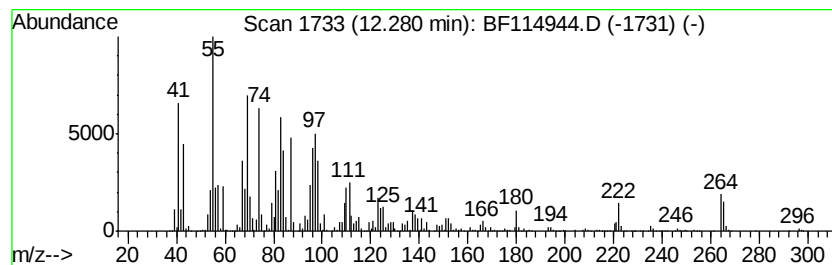
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 13-Octadecenoic acid, methy... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.28	74.25 ng	7407010	Phenanthrene-d10	11.16

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			13-Octadecenoic acid, methyl ester	296	C19H36O2	056554-47-3	99
2			15-Octadecenoic acid, methyl ester	296	C19H36O2	004764-72-1	99
3			14-Octadecenoic acid, methyl ester	296	C19H36O2	056554-48-4	99
4			11-Octadecenoic acid, methyl est...	296	C19H36O2	001937-63-9	99
5			12-Octadecenoic acid, methyl ester	296	C19H36O2	056554-46-2	99



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061119\
Data File : BF114944.D
Acq On : 11 Jun 2019 14:18
Operator : HP/JU
Sample : K3163-05 2X
Misc :
ALS Vial : 10 Sample Multiplier: 1

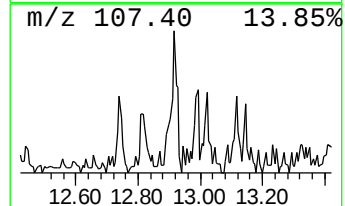
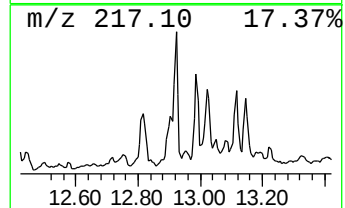
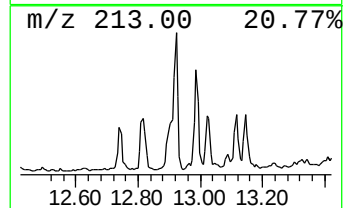
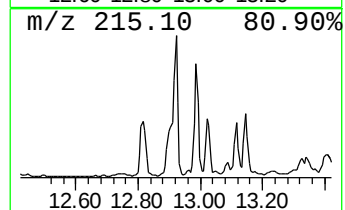
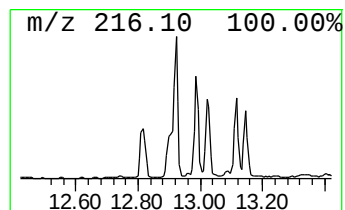
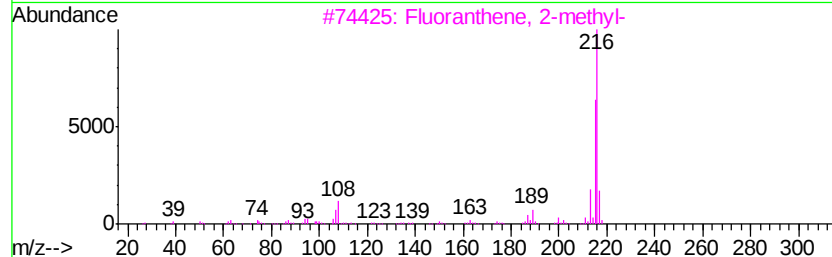
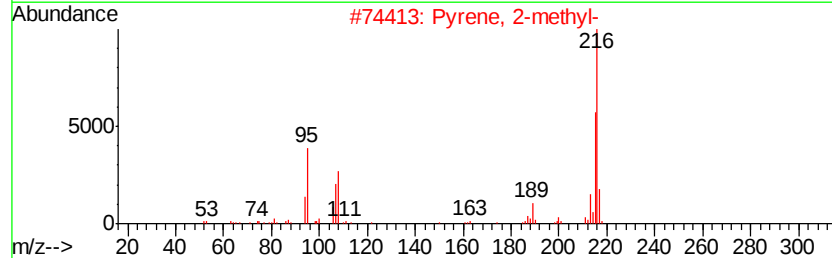
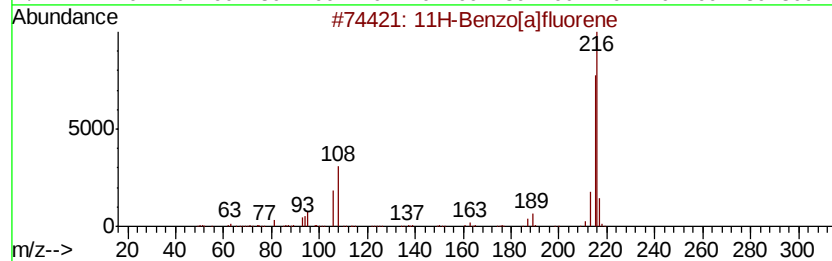
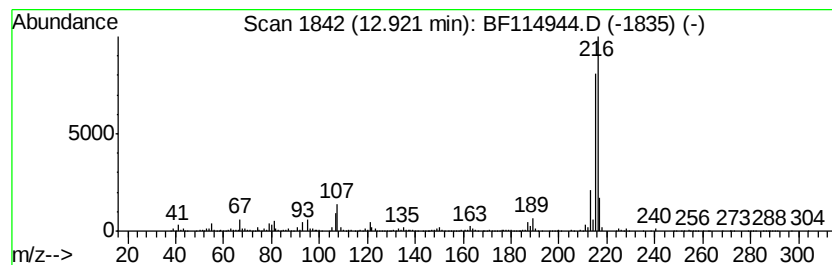
Instrument :
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ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 11H-Benzo[a]fluorene Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.92	6.13 ng	975928	Chrysene-d12	13.79
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		11H-Benzo[a]fluorene	216 C17H12	000238-84-6 91
2		Pyrene, 2-methyl-	216 C17H12	003442-78-2 91
3		Fluoranthene, 2-methyl-	216 C17H12	033543-31-6 90
4		11H-Benzo[b]fluorene	216 C17H12	000243-17-4 87
5		Pyrene, 1-methyl-	216 C17H12	002381-21-7 83



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061119\
Data File : BF114944.D
Acq On : 11 Jun 2019 14:18
Operator : HP/JU
Sample : K3163-05 2X
Misc :
ALS Vial : 10 Sample Multiplier: 1

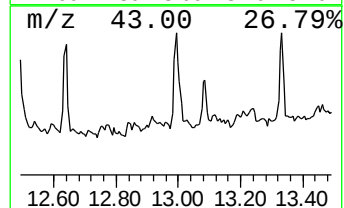
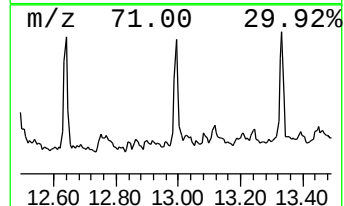
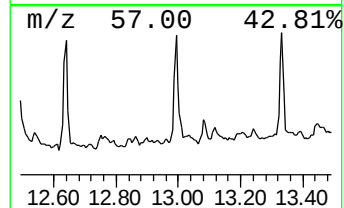
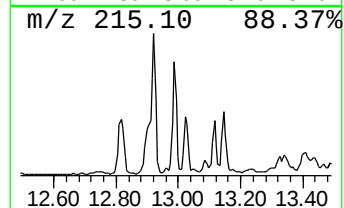
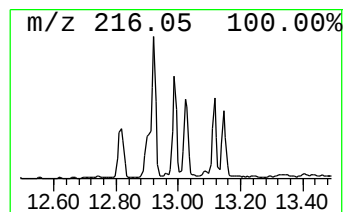
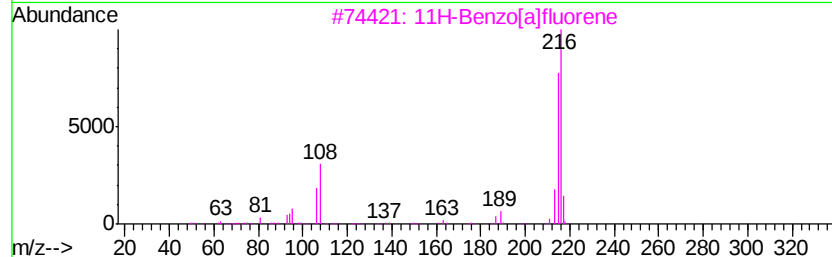
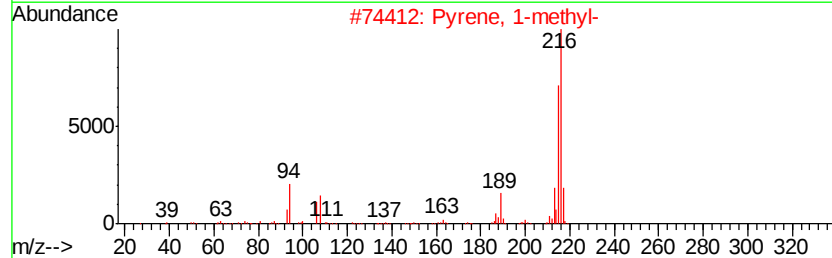
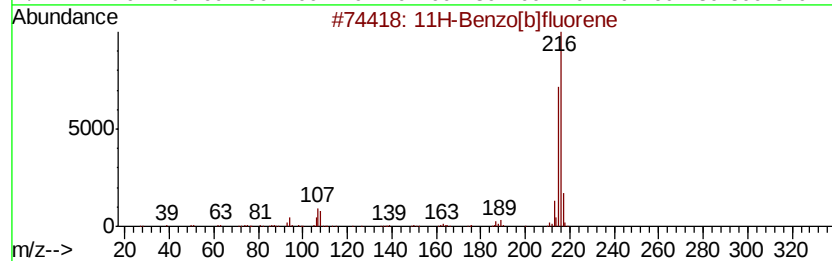
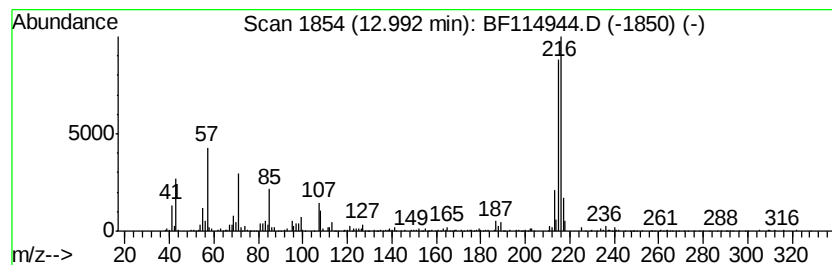
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ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 11H-Benzo[b]fluorene Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.99	4.72 ng	752198	Chrysene-d12	13.79
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		11H-Benzo[b]fluorene	216 C17H12	000243-17-4 93
2		Pyrene, 1-methyl-	216 C17H12	002381-21-7 74
3		11H-Benzo[a]fluorene	216 C17H12	000238-84-6 74
4		Fluoranthene, 2-methyl-	216 C17H12	033543-31-6 72
5		1,3,5-Triazine-2,4,6-triamine, N...	216 C10H12N6	046731-79-7 64



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061119\
Data File : BF114944.D
Acq On : 11 Jun 2019 14:18
Operator : HP/JU
Sample : K3163-05 2X
Misc :
ALS Vial : 10 Sample Multiplier: 1

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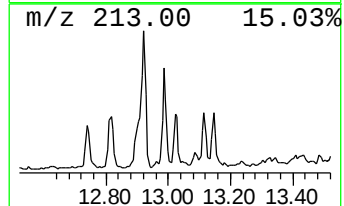
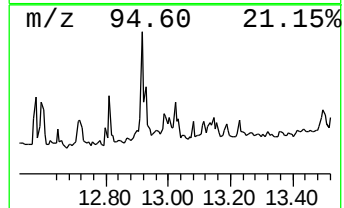
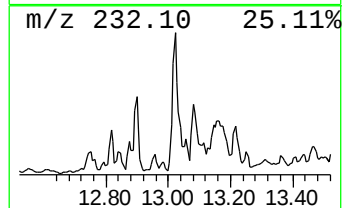
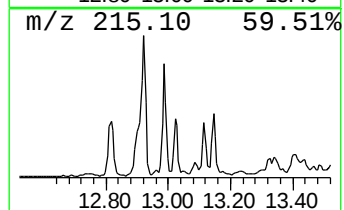
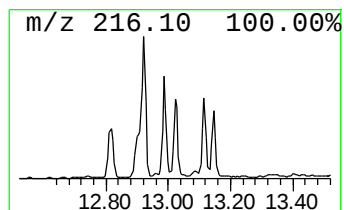
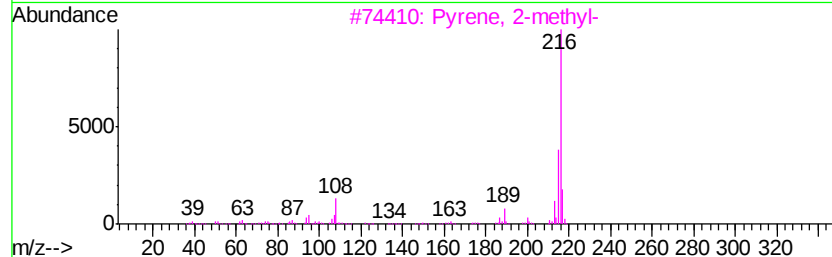
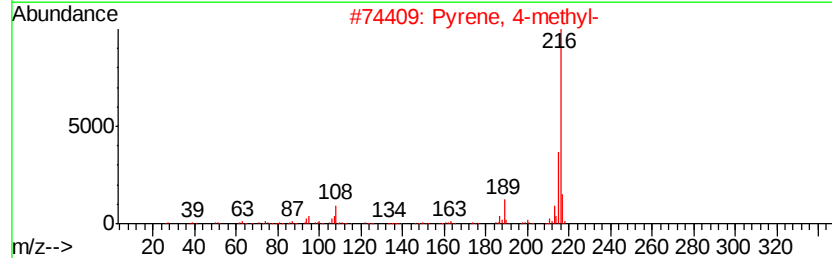
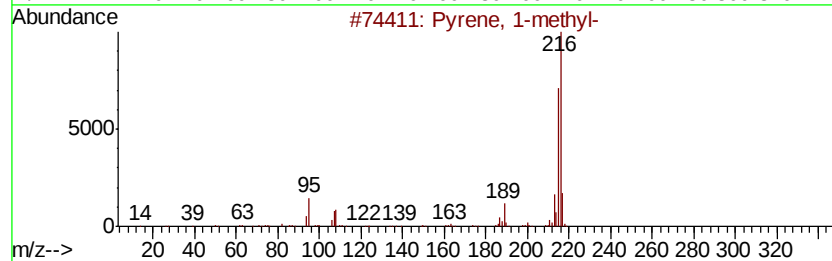
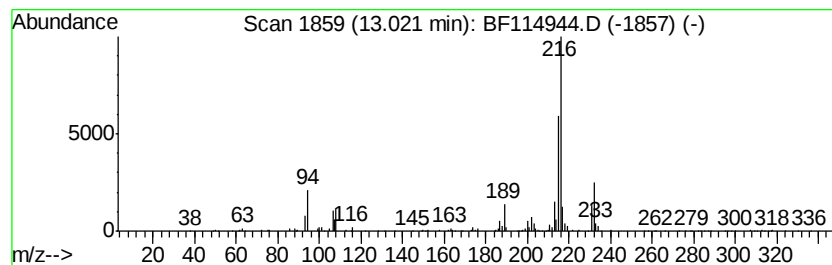
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 Pyrene, 1-methyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.02	2.36 ng	375840	Chrysene-d12	13.79

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pyrene, 1-methyl-	216	C17H12	002381-21-7	96
2		Pyrene, 4-methyl-	216	C17H12	003353-12-6	93
3		Pyrene, 2-methyl-	216	C17H12	003442-78-2	91
4		Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	83
5		11H-Benzo[a]fluorene	216	C17H12	000238-84-6	62



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061119\
Data File : BF114944.D
Acq On : 11 Jun 2019 14:18
Operator : HP/JU
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Misc :
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Instrument :
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ClientSampleId :
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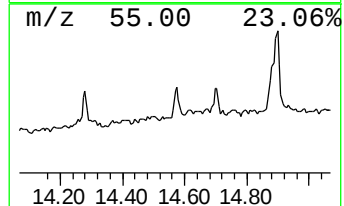
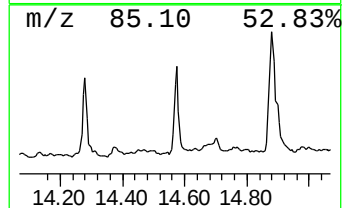
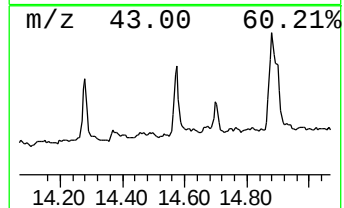
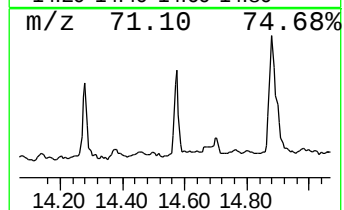
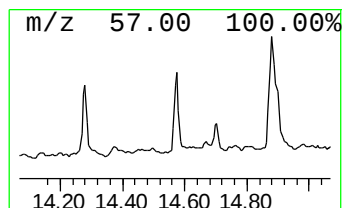
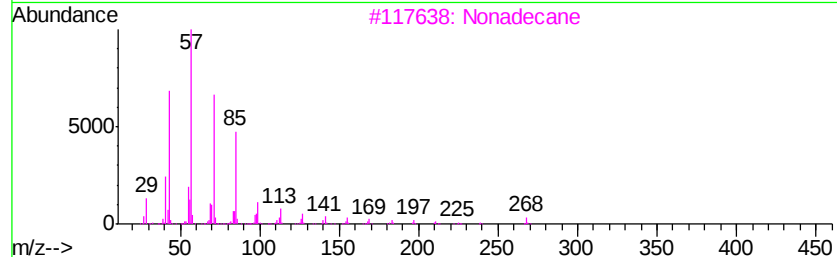
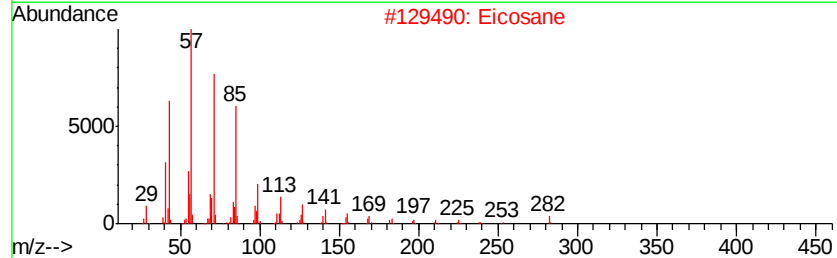
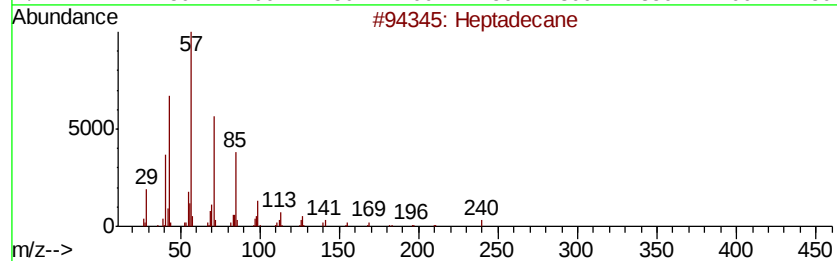
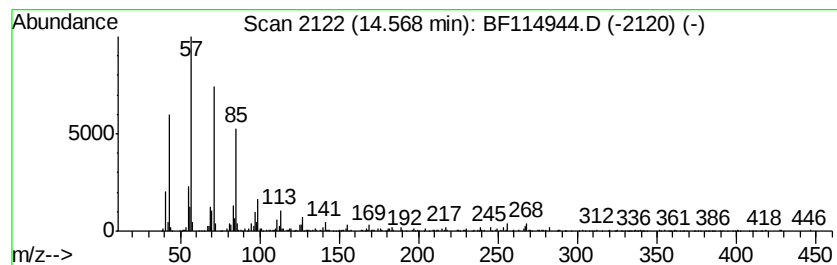
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 2-methyloctacosane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.57	13.28 ng	746157	Perylene-d12	15.17

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptadecane	240	C17H36	000629-78-7	93
2		Eicosane	282	C20H42	000112-95-8	93
3		Nonadecane	268	C19H40	000629-92-5	91
4		2-methyloctacosane	408	C29H60	1000376-72-8	90
5		Heneicosane	296	C21H44	000629-94-7	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061119\
Data File : BF114944.D
Acq On : 11 Jun 2019 14:18
Operator : HP/JU
Sample : K3163-05 2X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
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ClientSampleId :
SU-04-060719-A

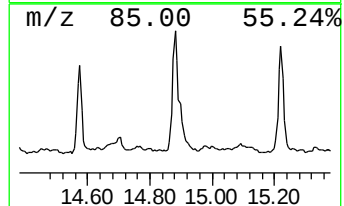
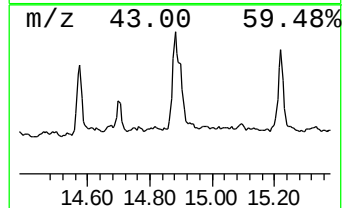
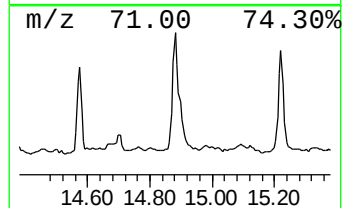
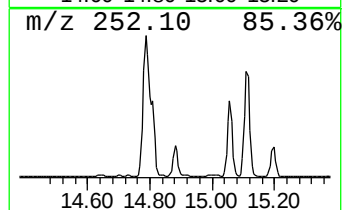
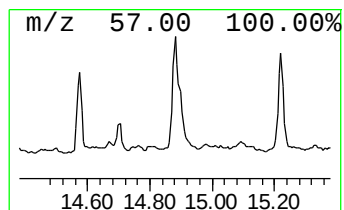
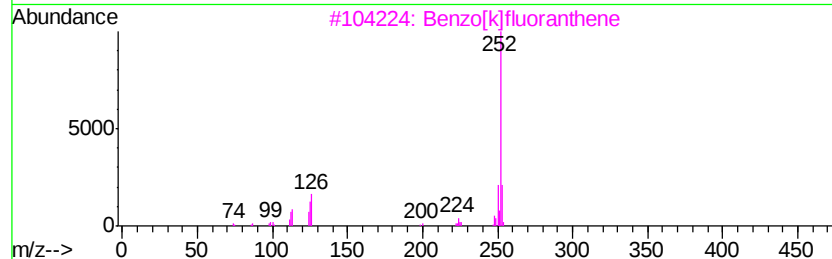
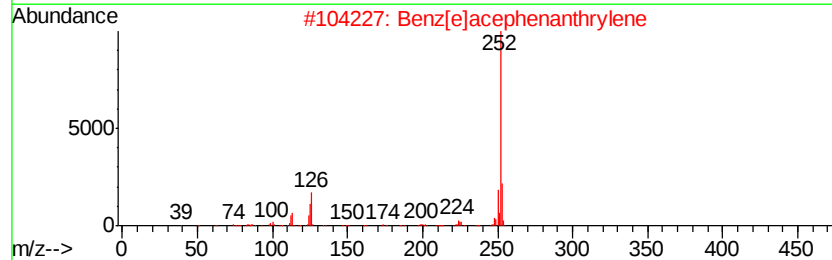
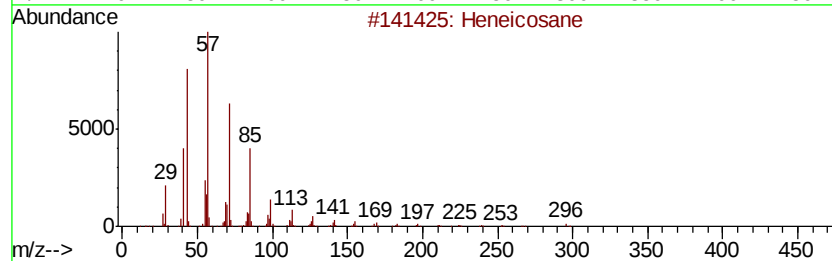
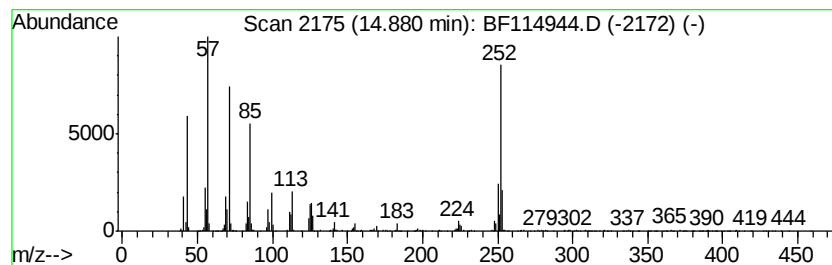
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 Heneicosane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.88	25.92 ng	1455830	Perylene-d12	15.17

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heneicosane	296	C21H44	000629-94-7	95
2		Benz[e]acephenanthrylene	252	C20H12	000205-99-2	70
3		Benzo[k]fluoranthene	252	C20H12	000207-08-9	70
4		Heptadecane, 9-octyl-	352	C25H52	007225-64-1	64
5		Benzo[a]pyrene	252	C20H12	000050-32-8	64



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061119\
Data File : BF114944.D
Acq On : 11 Jun 2019 14:18
Operator : HP/JU
Sample : K3163-05 2X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SU-04-060719-A

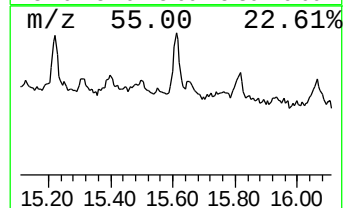
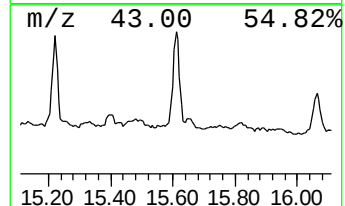
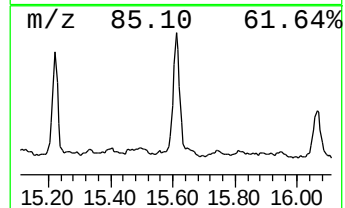
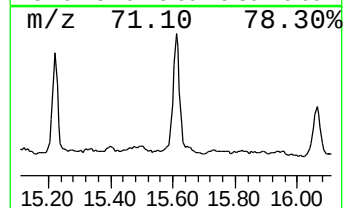
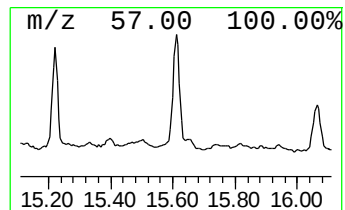
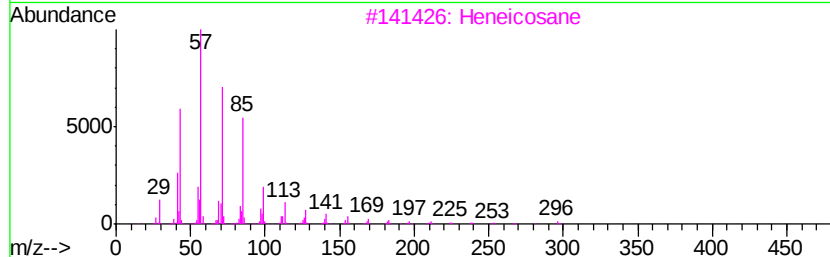
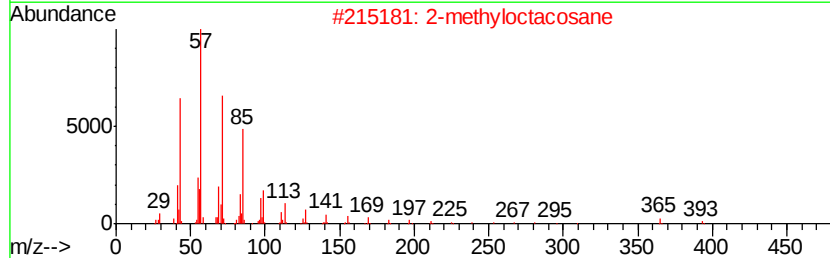
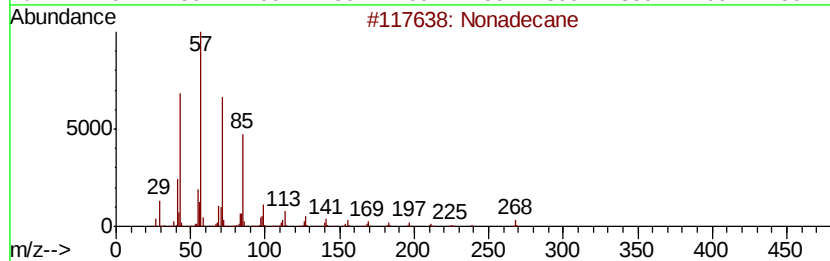
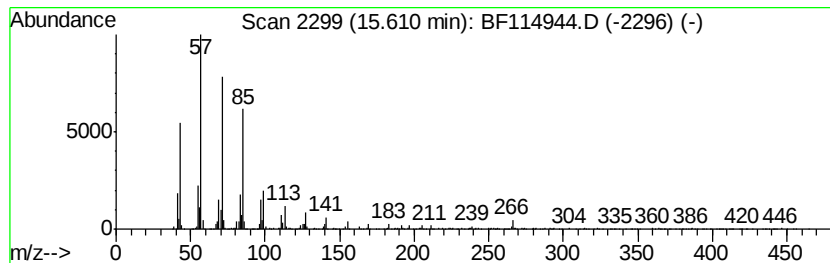
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 Nonadecane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.61	13.48 ng	757076	Perylene-d12	15.17

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Nonadecane	268	C19H40	000629-92-5	93
2		2-methyloctacosane	408	C29H60	1000376-72-8	90
3		Heneicosane	296	C21H44	000629-94-7	90
4		Triacontane	422	C30H62	000638-68-6	87
5		2-methyltetracosane	352	C25H52	1000376-72-6	86



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF061119\
 Data File : BF114944.D
 Acq On : 11 Jun 2019 14:18
 Operator : HP/JU
 Sample : K3163-05 2X
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SU-04-060719-A

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	35.5	ng	1961770	1	6.66	1103940	20.0
Heptadecane	10.60	2.7	ng	273236	4	11.16	1995220	20.0
Dibenzothiophene	11.05	3.1	ng	311193	4	11.16	1995220	20.0
Hexadecanoic acid...	11.57	20.0	ng	1993600	4	11.16	1995220	20.0
1H-Cyclopropa[1]p...	11.66	2.7	ng	267816	4	11.16	1995220	20.0
Anthracene, 2-met...	11.69	4.0	ng	404068	4	11.16	1995220	20.0
n-Hexadecanoic acid	11.71	7.5	ng	750082	4	11.16	1995220	20.0
4H-Cyclopenta[def...	11.77	7.5	ng	743511	4	11.16	1995220	20.0
Eicosane	11.88	3.0	ng	294327	4	11.16	1995220	20.0
9,10-Dimethylanthe...	12.21	2.9	ng	291839	4	11.16	1995220	20.0
10,13-Octadecadie...	12.26	64.8	ng	6468380	4	11.16	1995220	20.0
13-Octadecenoic a...	12.28	74.3	ng	7407010	4	11.16	1995220	20.0
11H-Benzo[a]fluorene	12.92	6.1	ng	975928	5	13.79	3186160	20.0
11H-Benzo[b]fluorene	12.99	4.7	ng	752198	5	13.79	3186160	20.0
Pyrene, 1-methyl-	13.02	2.4	ng	375840	5	13.79	3186160	20.0
2-methyloctacosane	14.57	13.3	ng	746157	6	15.17	1123380	20.0
Heneicosane	14.88	25.9	ng	1455830	6	15.17	1123380	20.0
Nonadecane	15.61	13.5	ng	757076	6	15.17	1123380	20.0