

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF052119\
 Data File : BF114469.D
 Acq On : 21 May 2019 21:09
 Operator : JU/SJ
 Sample : K2647-09 2X
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SU-01-051719

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-BF051019.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	5.457	569	573	595	rBV	1713110	1989534	66.78%	3.453%
2	6.469	742	745	764	rBV	1904515	2181890	73.24%	3.787%
3	6.604	764	768	775	rVV	2305948	2084859	69.98%	3.619%
4	6.828	803	806	814	rBV	1545794	1297791	43.56%	2.253%
5	6.987	829	833	843	rBV	1753974	1652461	55.47%	2.868%
6	7.392	898	902	913	rBV	1124815	1270802	42.66%	2.206%
7	8.110	1019	1024	1037	rBV	1731552	1807413	60.67%	3.137%
8	8.828	1144	1146	1154	rBV	71082	76130	2.56%	0.132%
9	8.928	1159	1163	1171	rVB	131277	151515	5.09%	0.263%
10	9.186	1203	1207	1213	rBV	2756033	2353481	79.00%	4.085%
11	9.263	1218	1220	1223	rBV2	76858	78598	2.64%	0.136%
12	9.457	1248	1253	1256	rBV	126427	167950	5.64%	0.292%
13	9.528	1261	1265	1267	rVV	210134	223808	7.51%	0.388%
14	9.551	1267	1269	1271	rVV	138822	124954	4.19%	0.217%
15	9.581	1271	1274	1281	rVB	323554	350260	11.76%	0.608%
16	9.645	1281	1285	1290	rBV	110121	129298	4.34%	0.224%
17	9.728	1296	1299	1303	rBV	400302	351421	11.80%	0.610%
18	9.792	1305	1310	1315	rVB	104722	94833	3.18%	0.165%
19	9.869	1319	1323	1326	rVV	1881611	1772277	59.49%	3.076%
20	9.898	1326	1328	1332	rVB	296432	247613	8.31%	0.430%
21	9.969	1337	1340	1345	rBV3	59028	80746	2.71%	0.140%
22	10.075	1352	1358	1361	rVV2	237597	285371	9.58%	0.495%
23	10.110	1361	1364	1368	rVB2	118986	111322	3.74%	0.193%
24	10.181	1373	1376	1379	rBV2	106413	118484	3.98%	0.206%
25	10.210	1379	1381	1387	rVB2	68368	83717	2.81%	0.145%
26	10.275	1388	1392	1393	rBV2	74161	85409	2.87%	0.148%
27	10.292	1393	1395	1398	rVB	209115	150282	5.04%	0.261%
28	10.416	1412	1416	1421	rVB	425912	425771	14.29%	0.739%
29	10.480	1422	1427	1428	rBV2	72473	84598	2.84%	0.147%
30	10.569	1438	1442	1445	rVB2	118509	135408	4.55%	0.235%
31	10.657	1454	1457	1463	rBV	1233572	1201195	40.32%	2.085%
32	10.763	1472	1475	1484	rVB3	242675	327164	10.98%	0.568%
33	10.963	1504	1509	1512	rBV2	161182	198532	6.66%	0.345%
34	10.992	1512	1514	1517	rVV	124957	102422	3.44%	0.178%

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Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF051019.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	11.045	1521	1523	1526	rVB2	100850	81215	2.73%	0.141%
36	11.092	1526	1531	1533	rBV3	99477	137553	4.62%	0.239%
37	11.116	1533	1535	1540	rVV2	83789	108296	3.64%	0.188%
38	11.163	1540	1543	1547	rVV2	65239	88647	2.98%	0.154%
39	11.210	1547	1551	1554	rVV2	266836	285072	9.57%	0.495%
40	11.251	1554	1558	1563	rVB2	221734	269321	9.04%	0.467%
41	11.351	1572	1575	1577	rBV	1628228	1531721	51.41%	2.659%
42	11.380	1577	1580	1583	rVV	1795758	1686434	56.61%	2.927%
43	11.428	1585	1588	1592	rVV	630697	590816	19.83%	1.025%
44	11.469	1592	1595	1600	rVB2	93537	143167	4.81%	0.248%
45	11.586	1612	1615	1621	rBV3	107295	202692	6.80%	0.352%
46	11.639	1621	1624	1627	rVV2	285791	266673	8.95%	0.463%
47	11.686	1629	1632	1637	rVV2	127309	158771	5.33%	0.276%
48	11.739	1637	1641	1643	rVV	461514	406019	13.63%	0.705%
49	11.769	1643	1646	1650	rVB	69495	78220	2.63%	0.136%
50	11.857	1657	1661	1663	rBV	329190	350797	11.77%	0.609%
51	11.886	1663	1666	1670	rVB	475384	488910	16.41%	0.849%
52	11.933	1671	1674	1676	rVV	212823	187939	6.31%	0.326%
53	11.969	1676	1680	1682	rVV	827601	795949	26.72%	1.382%
54	11.986	1682	1683	1687	rVB	226656	184949	6.21%	0.321%
55	12.045	1690	1693	1698	rBV	230264	218311	7.33%	0.379%
56	12.145	1707	1710	1714	rBV	217548	213858	7.18%	0.371%
57	12.186	1714	1717	1721	rVB3	107288	110862	3.72%	0.192%
58	12.298	1731	1736	1739	rVB2	77027	102066	3.43%	0.177%
59	12.327	1739	1741	1744	rBV2	136912	129991	4.36%	0.226%
60	12.357	1744	1746	1749	rVB2	101254	76529	2.57%	0.133%
61	12.422	1751	1757	1759	rBV2	1127201	1425983	47.86%	2.475%
62	12.445	1759	1761	1767	rVV	1493712	1360157	45.66%	2.361%
63	12.498	1767	1770	1773	rVV3	160980	184674	6.20%	0.321%
64	12.527	1773	1775	1778	rVB	207919	169181	5.68%	0.294%
65	12.569	1778	1782	1786	rBV	2770360	2700745	90.65%	4.688%
66	12.669	1796	1799	1801	rBV2	142688	138110	4.64%	0.240%
67	12.722	1805	1808	1810	rVV2	141623	135760	4.56%	0.236%
68	12.798	1815	1821	1827	rBV2	2589530	2979205	100.00%	5.171%
69	12.851	1827	1830	1834	rVB2	156425	184000	6.18%	0.319%
70	12.933	1838	1844	1847	rBV	1978110	1853394	62.21%	3.217%
71	12.963	1847	1849	1854	rVB	159624	160129	5.37%	0.278%

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72	13.022	1854	1859	1862	rBV3	232662	430548	14.45%	0.747%
73	13.127	1869	1877	1880	rBV	547415	770355	25.86%	1.337%
74	13.157	1880	1882	1885	rBV	263987	254506	8.54%	0.442%
75	13.192	1885	1888	1891	rVV	462859	373255	12.53%	0.648%
76	13.227	1891	1894	1902	rVV2	321777	466542	15.66%	0.810%
77	13.321	1908	1910	1913	rVB	178680	168740	5.66%	0.293%
78	13.357	1913	1916	1918	rBV	249765	249726	8.38%	0.433%
79	13.498	1937	1940	1943	rBV	324991	314169	10.55%	0.545%
80	13.616	1957	1960	1962	rBV3	105326	126060	4.23%	0.219%
81	13.639	1962	1964	1967	rVB2	147540	135732	4.56%	0.236%
82	13.745	1980	1982	1984	rBV	189203	167439	5.62%	0.291%
83	13.769	1984	1986	1989	rVB	224442	184370	6.19%	0.320%
84	13.798	1989	1991	1993	rBV	232700	236008	7.92%	0.410%
85	13.827	1994	1996	1998	rVB	301633	225888	7.58%	0.392%
86	13.998	2020	2025	2027	rBV2	1803545	2624167	88.08%	4.555%
87	14.021	2027	2029	2032	rVB	1167313	1054296	35.39%	1.830%
88	14.104	2041	2043	2045	rBV	187645	131326	4.41%	0.228%
89	14.145	2047	2050	2056	rVB3	455266	538557	18.08%	0.935%
90	14.345	2082	2084	2086	rBV	145939	135189	4.54%	0.235%
91	14.386	2089	2091	2093	rVB	366862	275664	9.25%	0.478%
92	14.451	2099	2102	2105	rBV3	457155	489324	16.42%	0.849%
93	14.751	2150	2153	2156	rBV	362505	312238	10.48%	0.542%
94	15.045	2199	2203	2206	rBV	1022909	1527841	51.28%	2.652%
95	15.151	2218	2221	2226	rBV	229597	252745	8.48%	0.439%
96	15.345	2251	2254	2260	rVB	566066	706724	23.72%	1.227%
97	15.410	2261	2265	2269	rBV	835347	1029831	34.57%	1.787%
98	15.468	2270	2275	2278	rBV2	875997	1259492	42.28%	2.186%
99	15.886	2343	2346	2355	rVB2	267010	401494	13.48%	0.697%
100	16.951	2522	2527	2536	rVB2	377334	789115	26.49%	1.370%

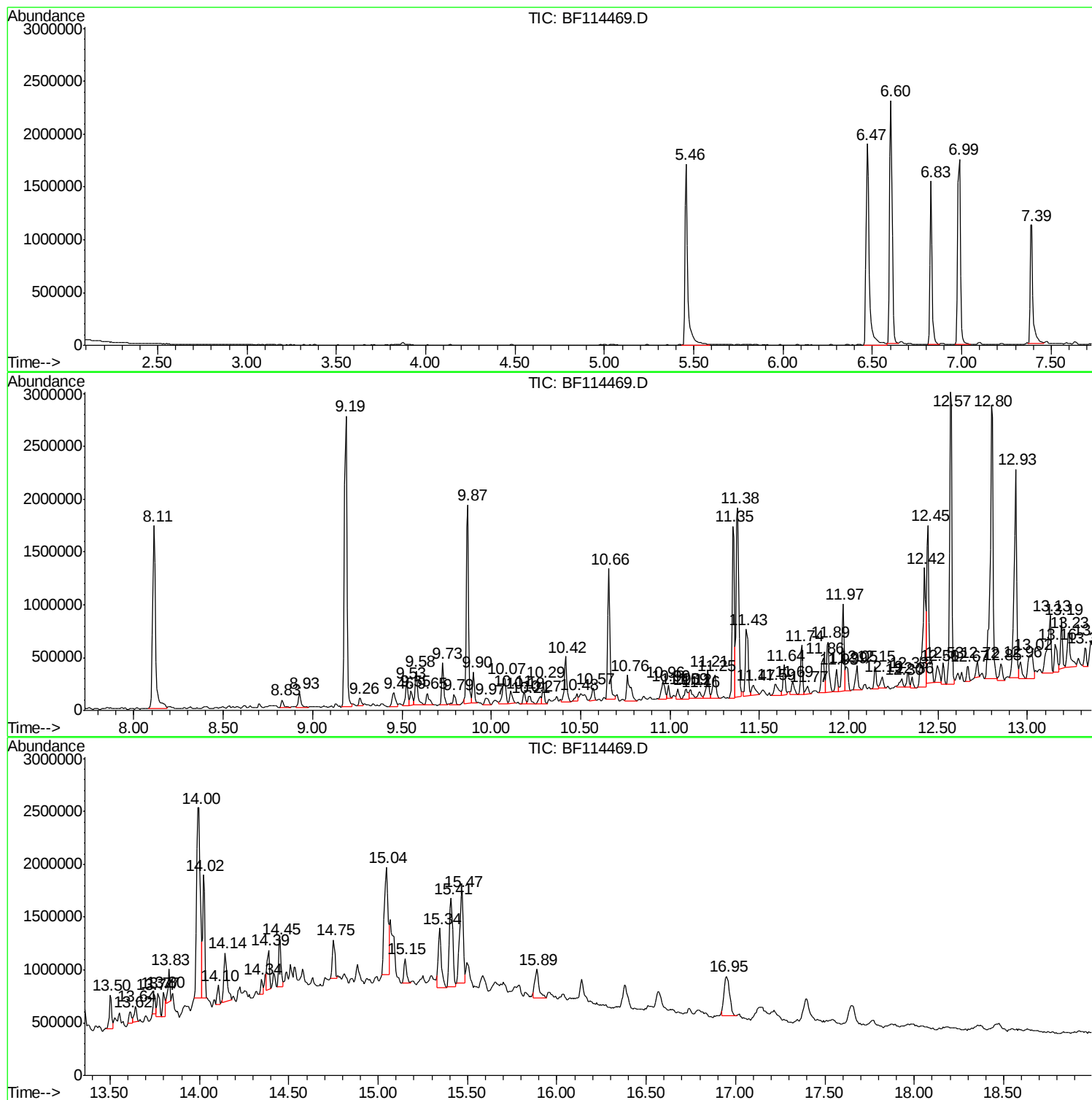
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF051019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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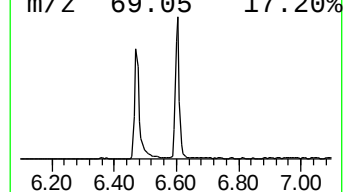
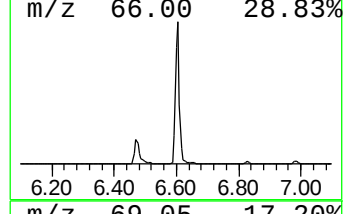
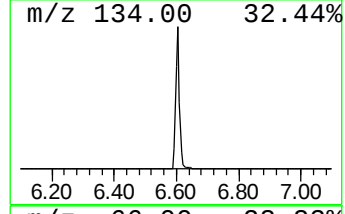
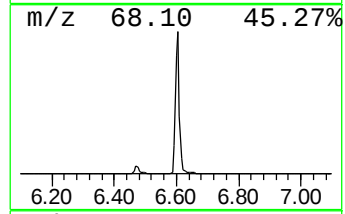
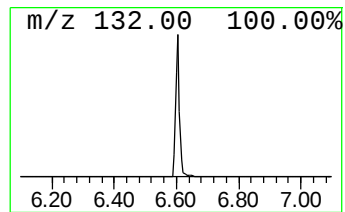
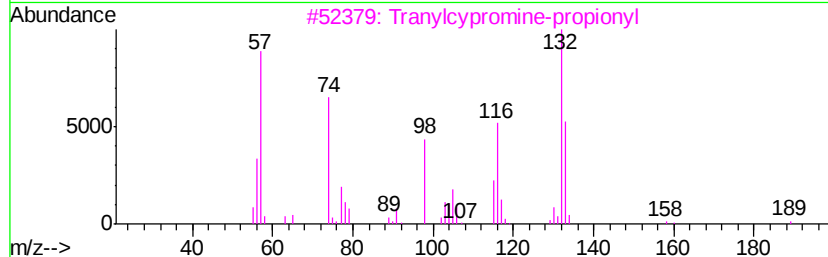
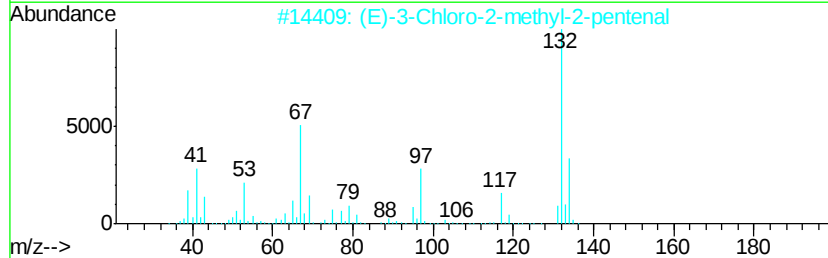
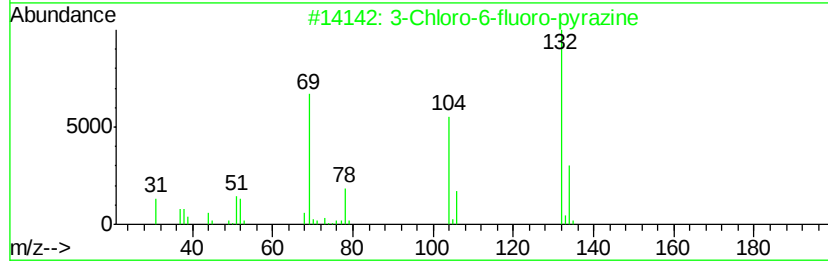
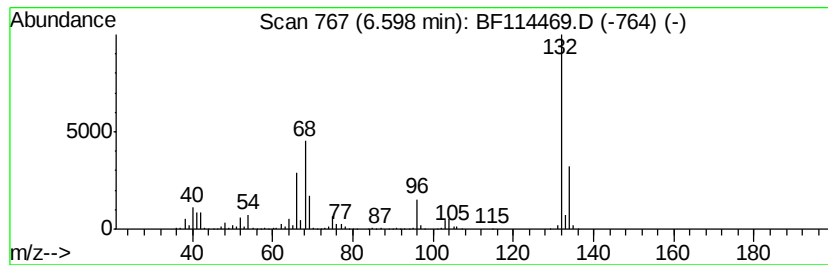
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF051019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 unknown6.60 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.60	32.13 ng	2084860	1,4-Dichlorobenzene-d4	6.83

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2		(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	16
3		Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	12
4		Xenon	132	Xe	007440-63-3	9
5		Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9



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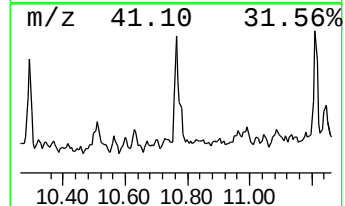
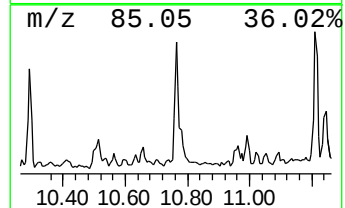
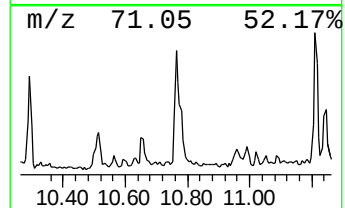
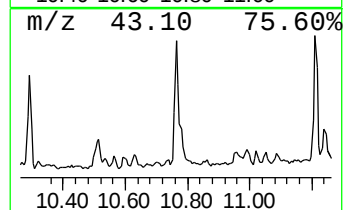
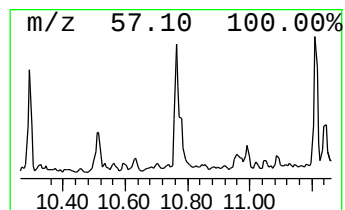
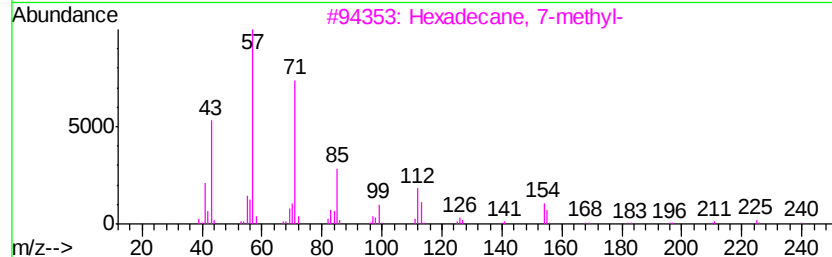
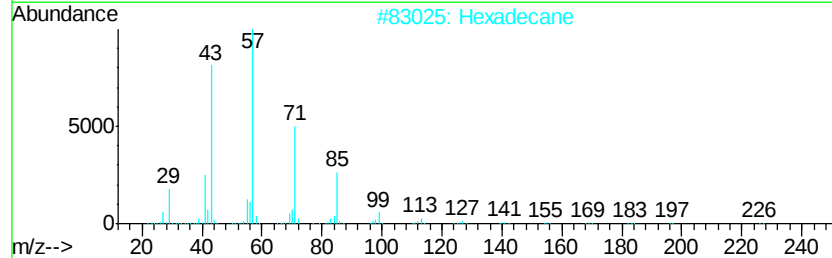
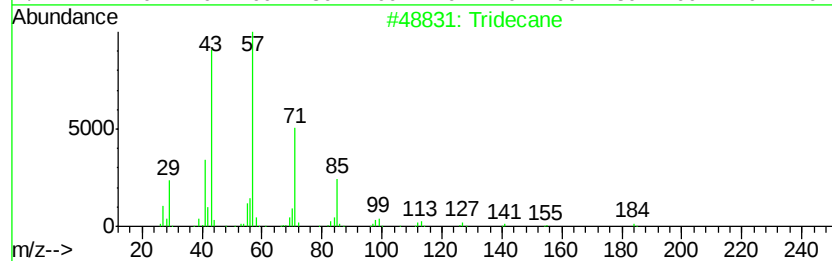
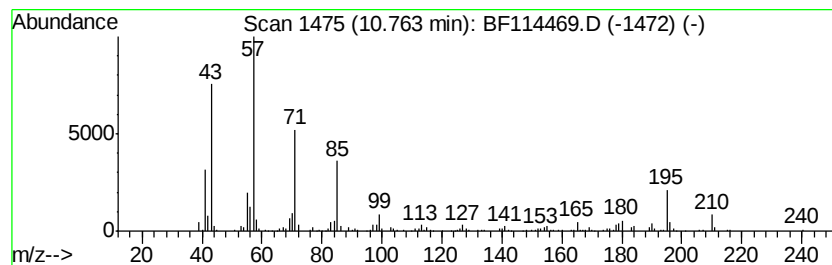
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Tridecane Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.76	4.27 ng	327164	Phenanthrene-d10	11.35

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tridecane	184	C13H28	000629-50-5	64
2		Hexadecane	226	C16H34	000544-76-3	53
3		Hexadecane, 7-methyl-	240	C17H36	026730-20-1	49
4		Undecane, 2-methyl-	170	C12H26	007045-71-8	49
5		Tridecane, 1-iodo-	310	C13H27I	035599-77-0	49



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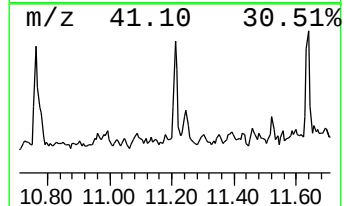
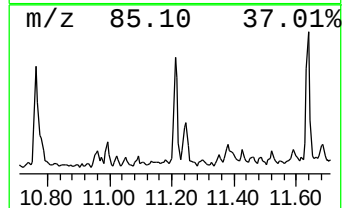
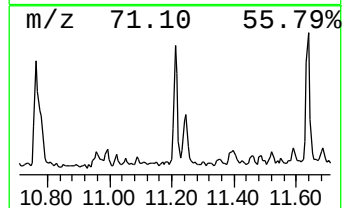
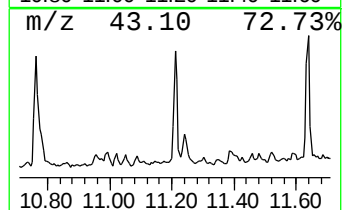
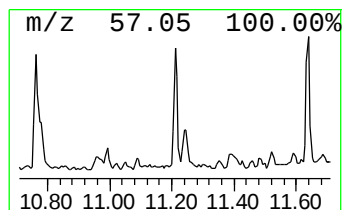
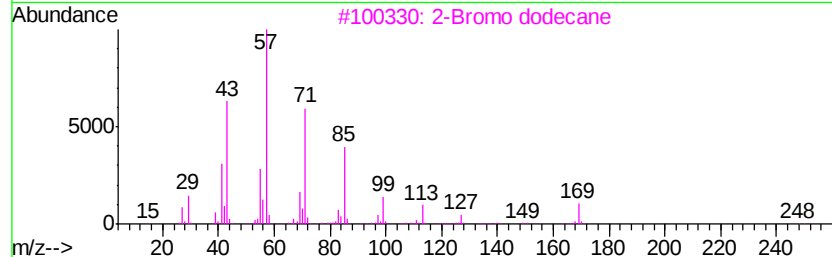
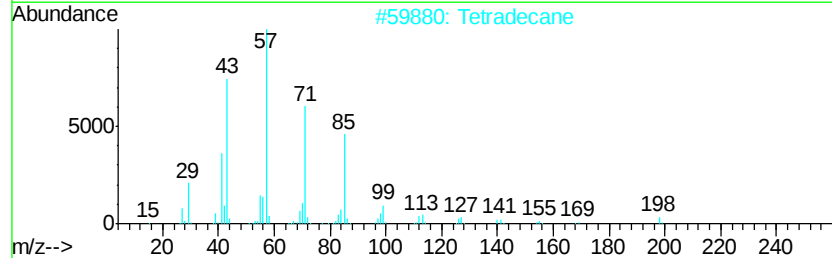
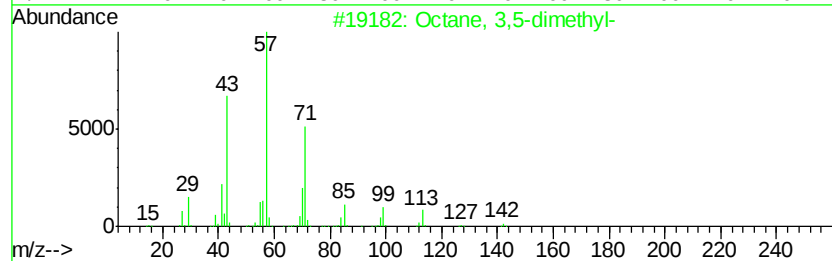
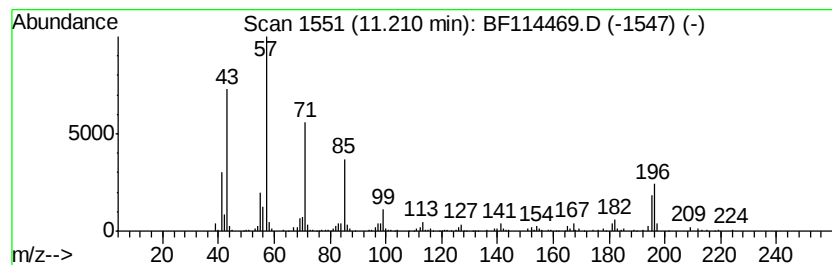
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 Octane, 3,5-dimethyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.21	3.72 ng	285072	Phenanthrene-d10	11.35

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octane, 3,5-dimethyl-	142	C10H22	015869-93-9	60
2		Tetradecane	198	C14H30	000629-59-4	52
3		2-Bromo dodecane	248	C12H25Br	013187-99-0	52
4		Tetradecane, 1-iodo-	324	C14H29I	019218-94-1	50
5		Hexadecane	226	C16H34	000544-76-3	49



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF052119\
Data File : BF114469.D
Acq On : 21 May 2019 21:09
Operator : JU/SJ
Sample : K2647-09 2X
Misc :
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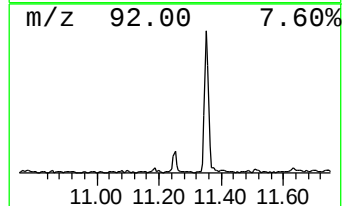
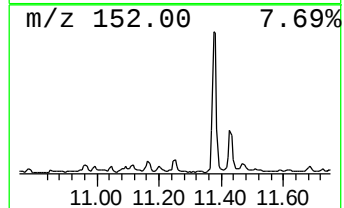
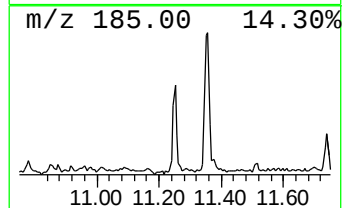
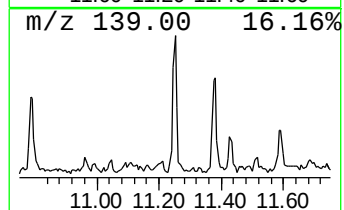
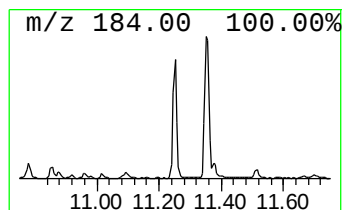
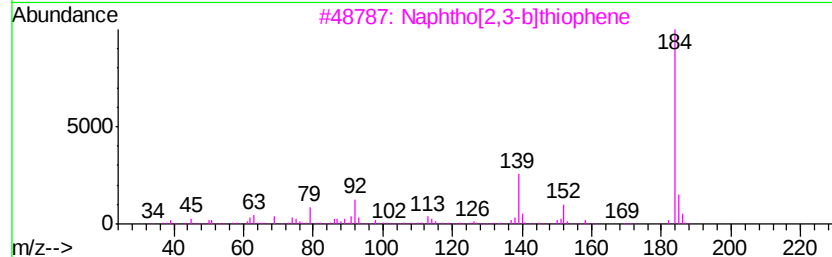
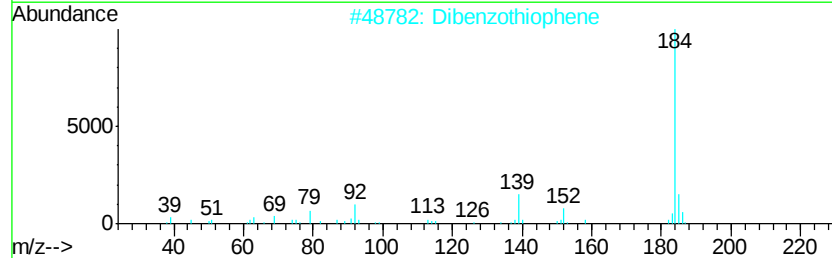
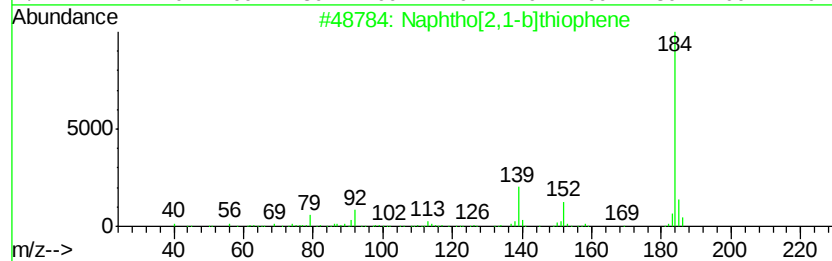
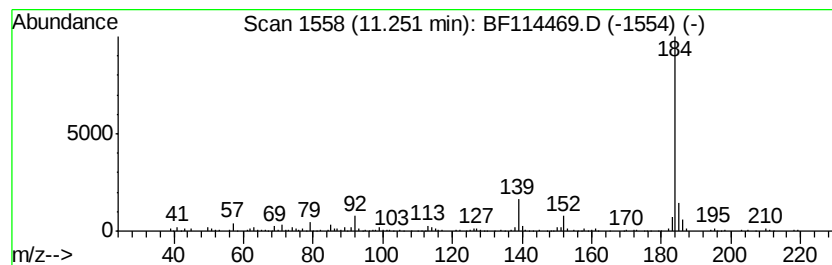
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Naphtho[2,1-b]thiophene Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD		R.T.		
11.25	3.52 ng	269321	Phenanthrene-d10		11.35		
Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphtho[2,1-b]thiophene	184	C12H8S	000233-02-3	95
2			Dibenzothiophene	184	C12H8S	000132-65-0	95
3			Naphtho[2,3-b]thiophene	184	C12H8S	000268-77-9	93
4			Azuleno(2,1-b)thiophene	184	C12H8S	000248-13-5	90
5			1,1'-Biphenyl, 2-methoxy-	184	C13H12O	000086-26-0	72



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF052119\
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Operator : JU/SJ
Sample : K2647-09 2X
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ALS Vial : 22 Sample Multiplier: 1

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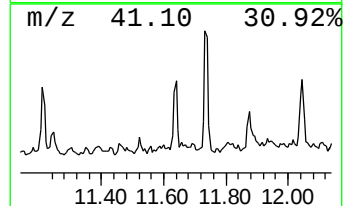
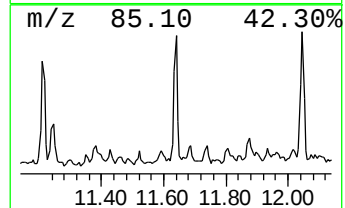
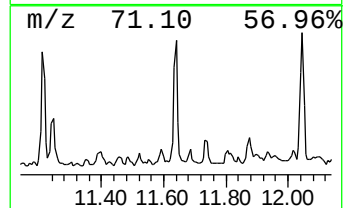
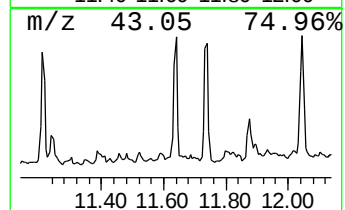
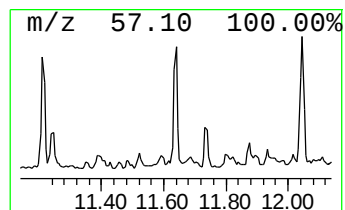
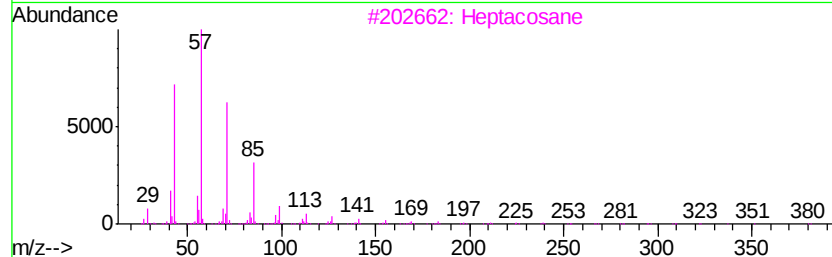
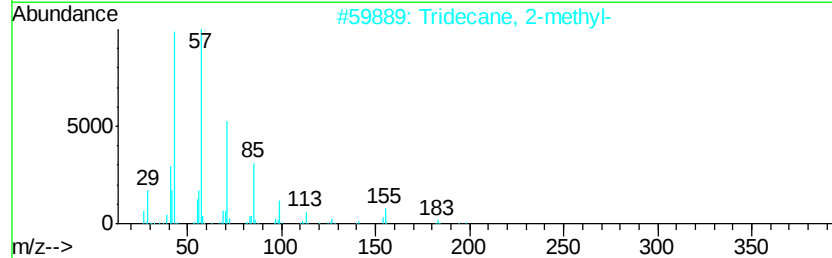
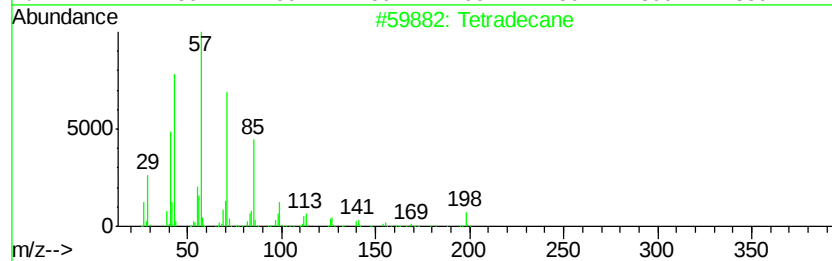
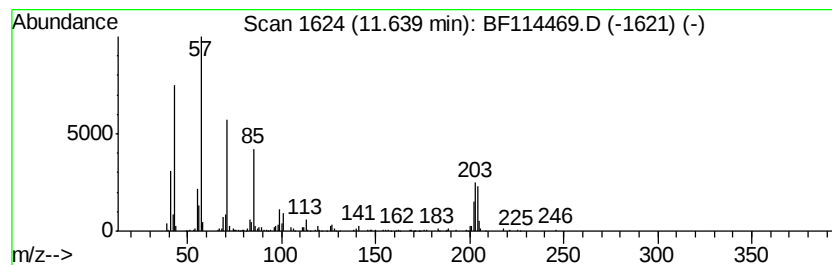
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Tetradecane Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.64	3.48 ng	266673	Phenanthrene-d10	11.35

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tetradecane	198	C14H30	000629-59-4	64
2		Tridecane, 2-methyl-	198	C14H30	001560-96-9	55
3		Heptacosane	380	C27H56	000593-49-7	52
4		Tridecane, 1-iodo-	310	C13H27I	035599-77-0	52
5		Hexadecane	226	C16H34	000544-76-3	52



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF052119\
Data File : BF114469.D
Acq On : 21 May 2019 21:09
Operator : JU/SJ
Sample : K2647-09 2X
Misc :
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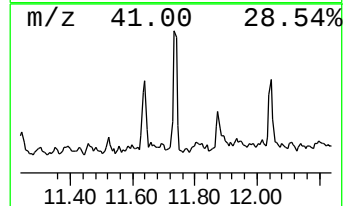
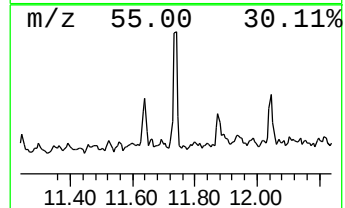
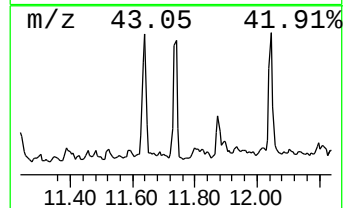
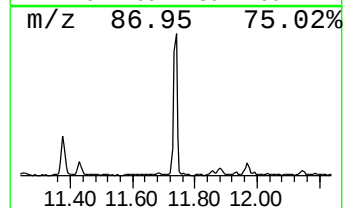
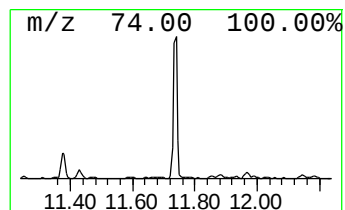
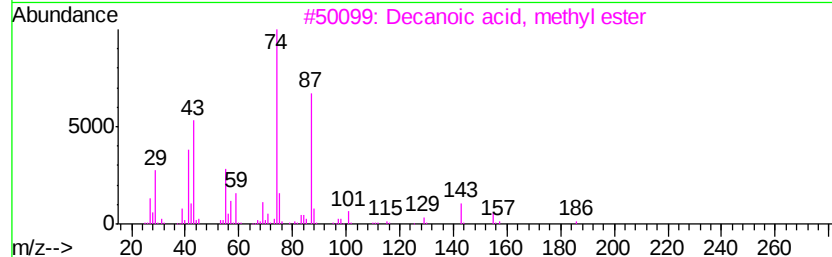
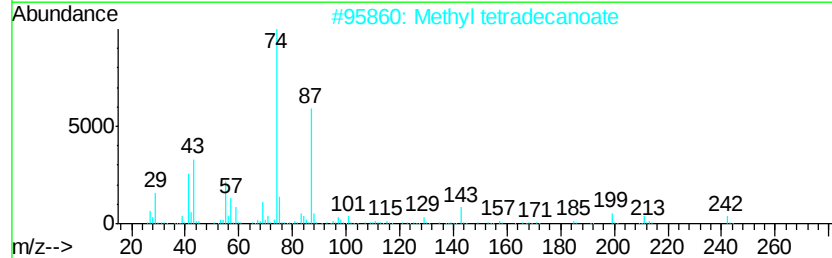
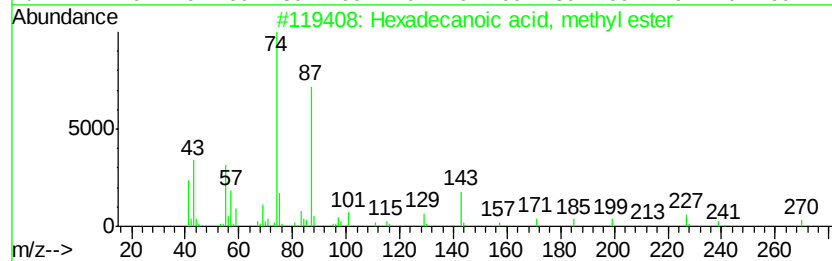
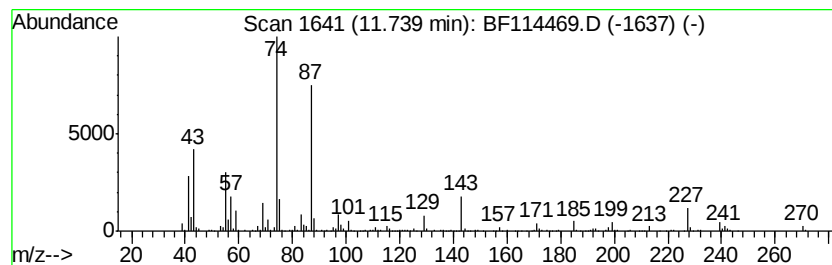
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Hexadecanoic acid, methyl e... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.74	5.30 ng	406019	Phenanthrene-d10	11.35

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexadecanoic acid, methyl ester	270	C17H34O2	000112-39-0	98
2		Methyl tetradecanoate	242	C15H30O2	000124-10-7	87
3		Decanoic acid, methyl ester	186	C11H22O2	000110-42-9	87
4		Hexadecanoic acid, 15-methyl-, m...	284	C18H36O2	006929-04-0	87
5		Tridecanoic acid, methyl ester	228	C14H28O2	001731-88-0	87



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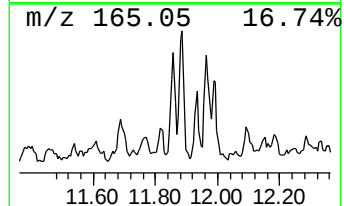
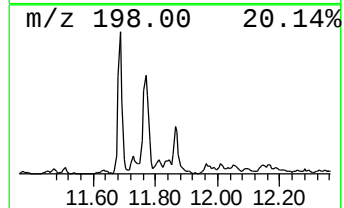
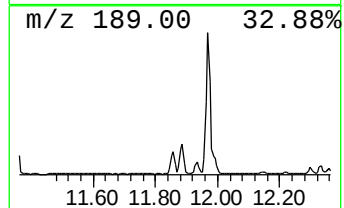
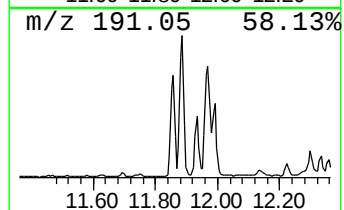
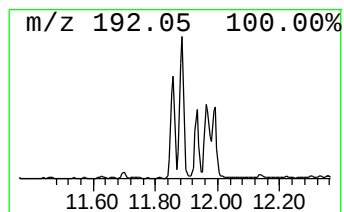
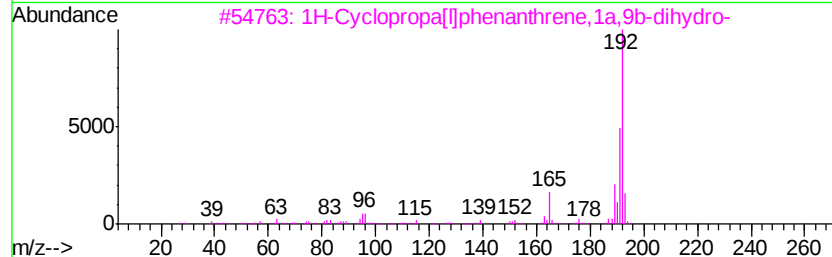
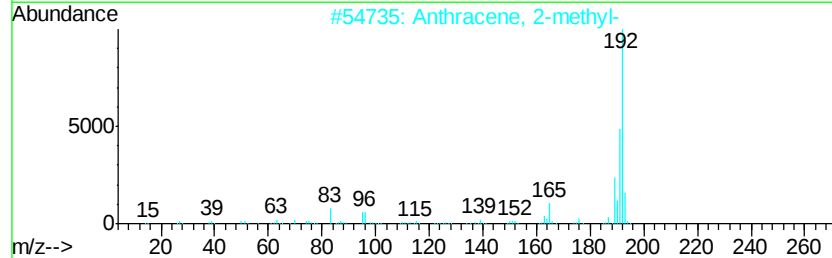
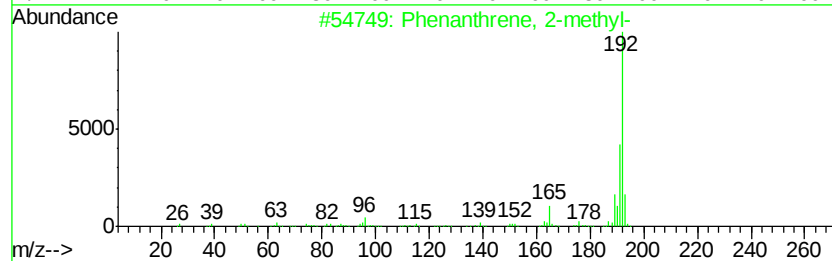
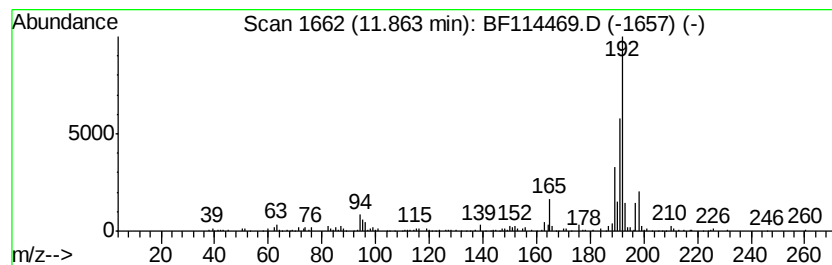
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Phenanthrene, 2-methyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD		R.T.	
11.86	4.58 ng	350797	Phenanthrene-d10		11.35	
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
2		Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
3		1H-Cyclopropa[1]phenanthrene,1a,...	192	C15H12	000949-41-7	92
4		Anthracene, 9-methyl-	192	C15H12	000779-02-2	91
5		1H-Indene, 1-phenyl-	192	C15H12	001961-96-2	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF052119\
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Acq On : 21 May 2019 21:09
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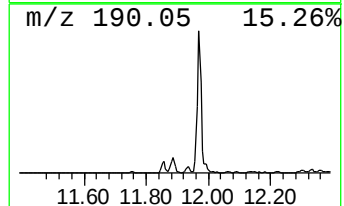
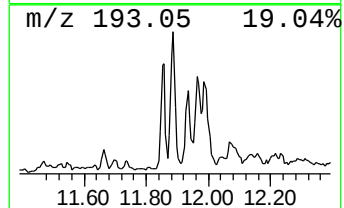
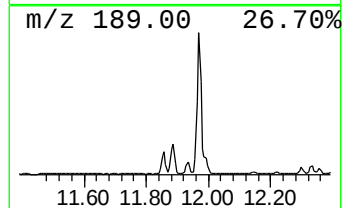
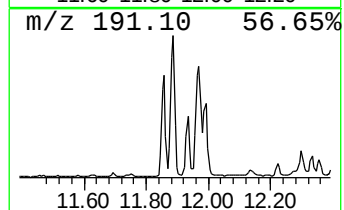
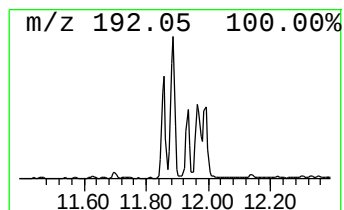
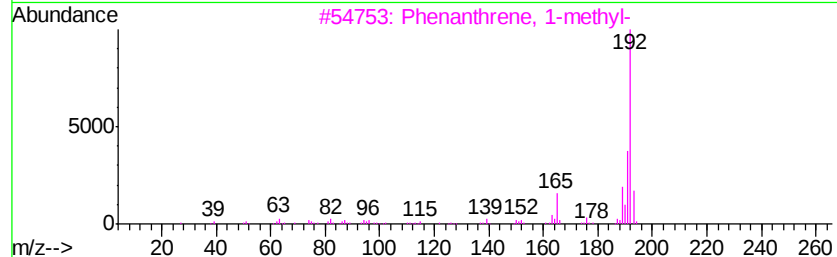
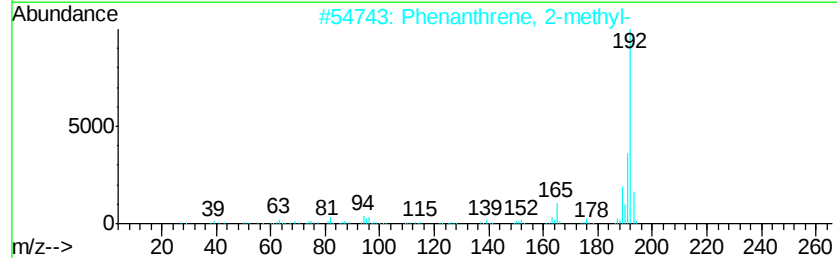
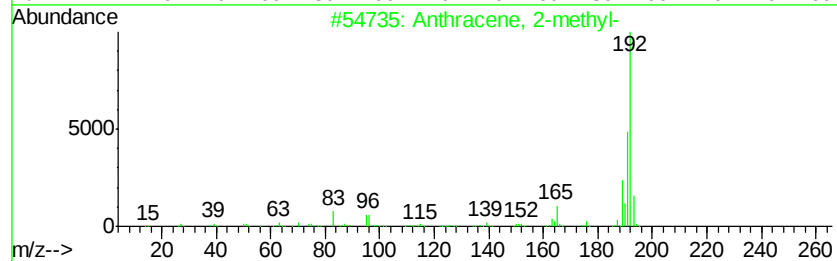
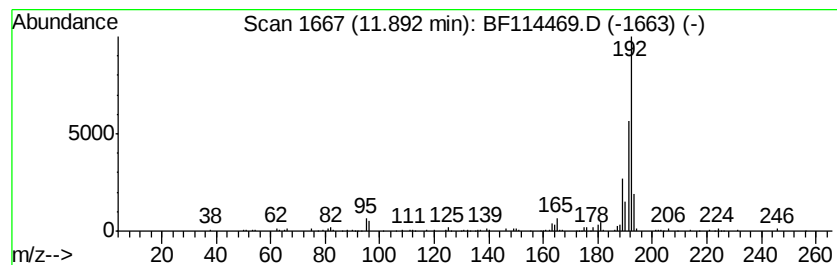
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 9 Anthracene, 2-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.89	6.38 ng	488910	Phenanthrene-d10	11.35

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Anthracene, 2-methyl-	192	C15H12	000613-12-7	97
2		Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
3		Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	94
4		Anthracene, 1-methyl-	192	C15H12	000610-48-0	94
5		Anthracene, 9-methyl-	192	C15H12	000779-02-2	93



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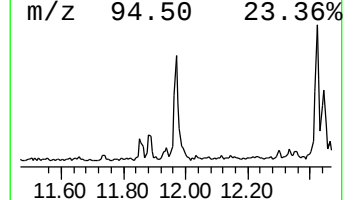
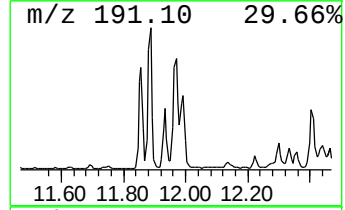
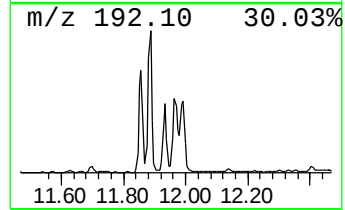
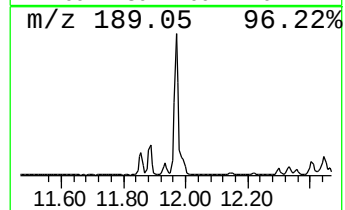
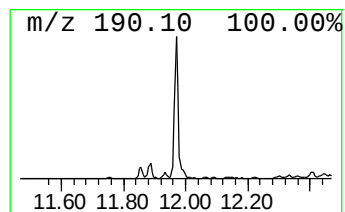
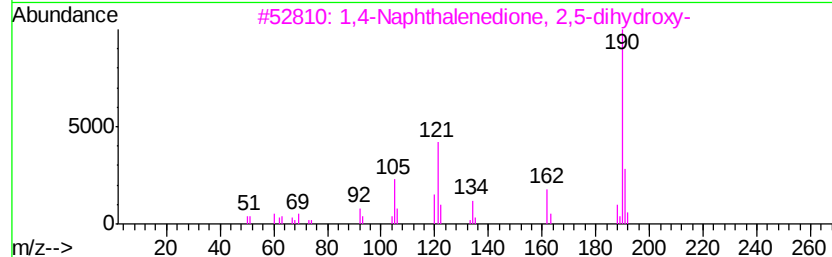
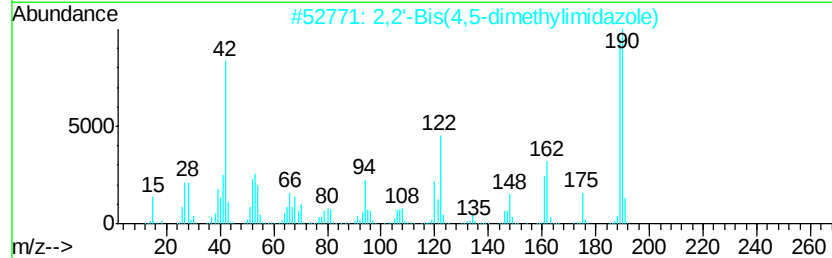
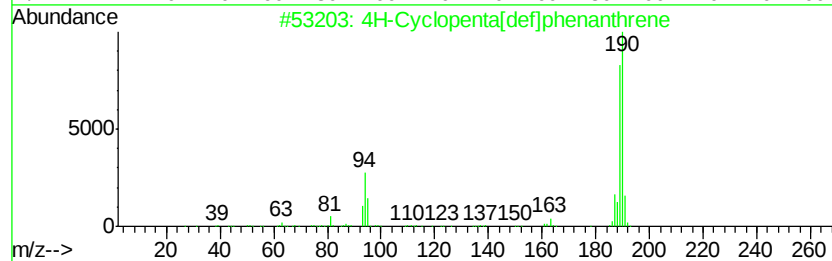
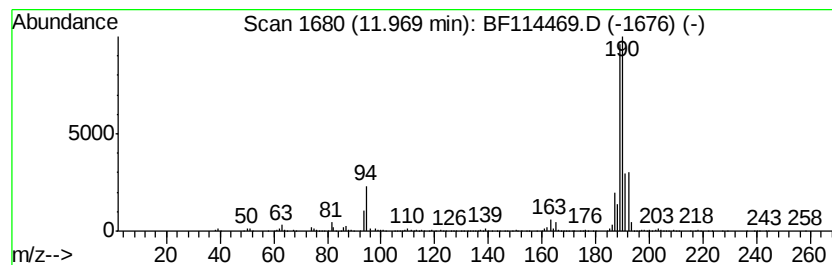
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 4H-Cyclopenta[def]phenanthrene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.97	10.39 ng	795949	Phenanthrene-d10	11.35

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	94
2		2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	45
3		1,4-Naphthalenedione, 2,5-dihydr...	190	C10H6O4	004923-55-1	25
4		Methyl diselenide	190	C2H6Se2	007101-31-7	16
5		2,6-Dichlorobenzaldoxime	189	C7H5Cl2NO	025185-95-9	14



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ALS Vial : 22 Sample Multiplier: 1

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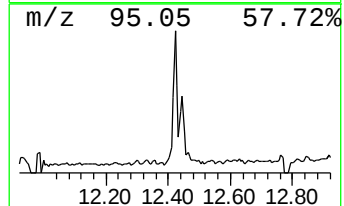
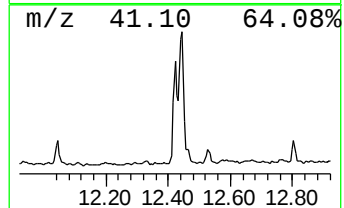
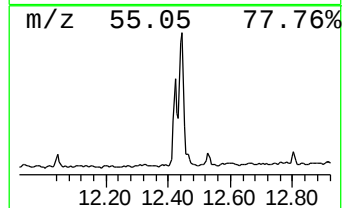
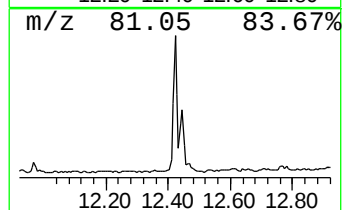
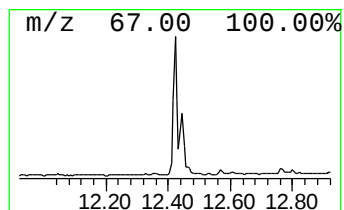
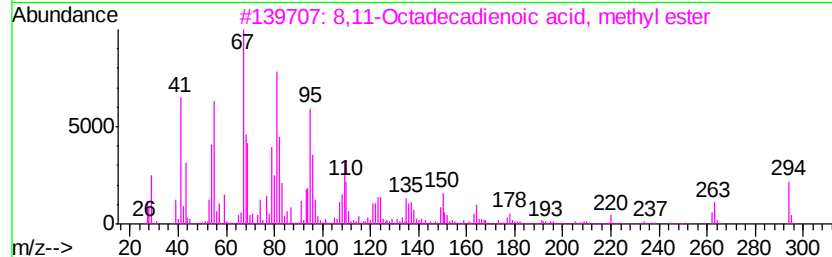
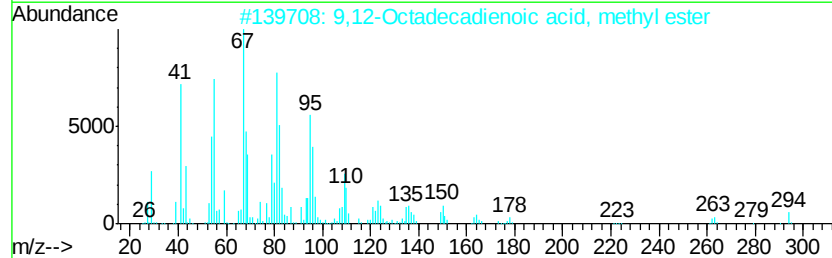
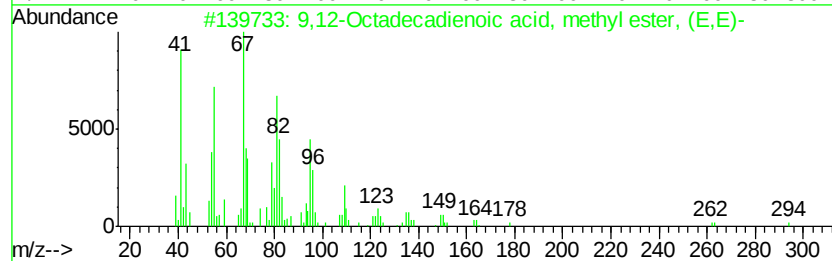
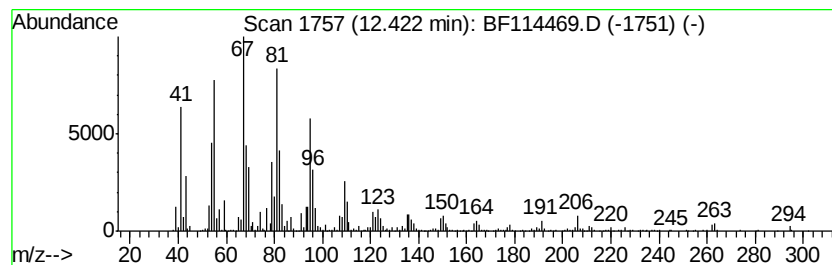
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 9,12-Octadecadienoic acid, ... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.42	18.62 ng	1425980	Phenanthrene-d10	11.35

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	9,12-Octadecadienoic acid, methy...	294	C19H34O2	002566-97-4	99
2		9,12-Octadecadienoic acid, methy...	294	C19H34O2	002462-85-3	99
3		8,11-Octadecadienoic acid, methy...	294	C19H34O2	056599-58-7	99
4		9,12-Octadecadienoic acid (Z,Z)-...	294	C19H34O2	000112-63-0	98
5		10,13-Octadecadienoic acid, meth...	294	C19H34O2	056554-62-2	98



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF052119\
Data File : BF114469.D
Acq On : 21 May 2019 21:09
Operator : JU/SJ
Sample : K2647-09 2X
Misc :
ALS Vial : 22 Sample Multiplier: 1

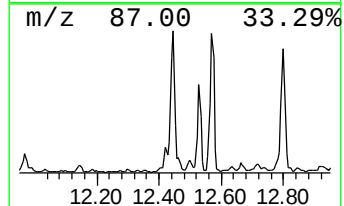
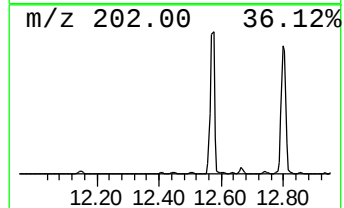
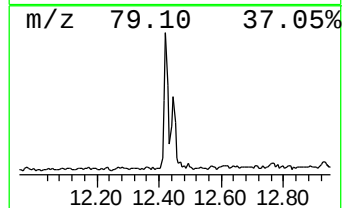
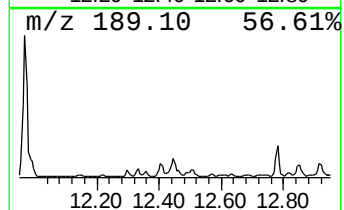
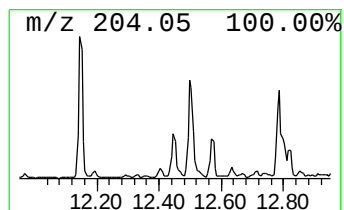
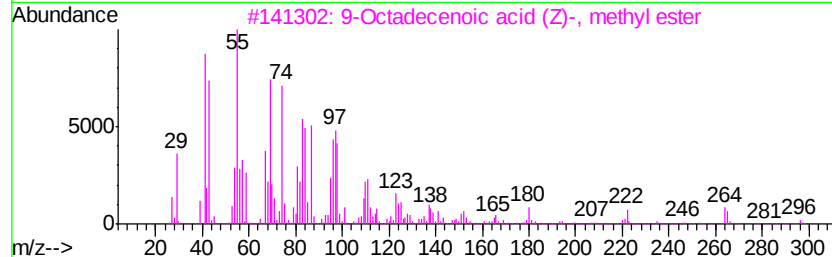
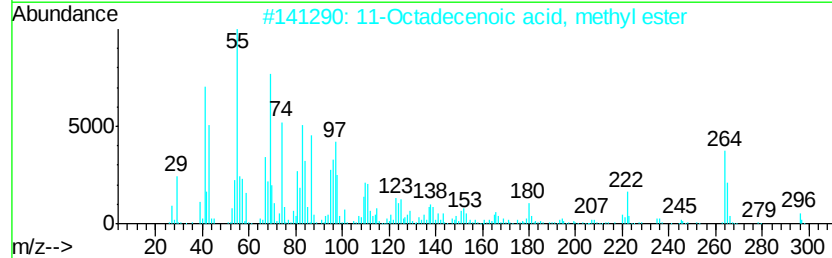
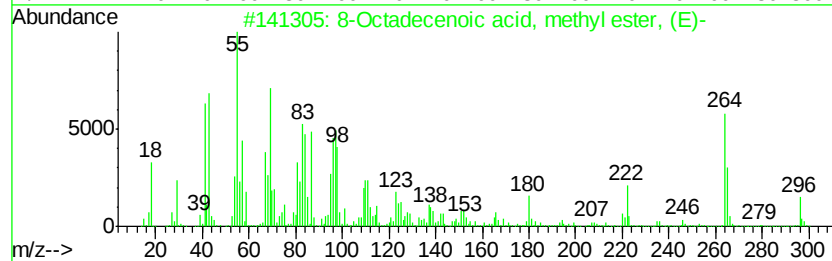
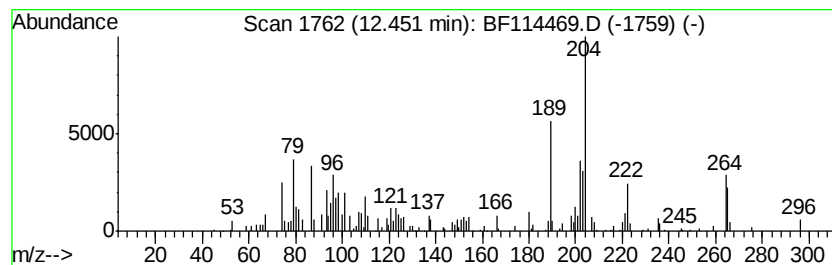
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ClientSampleId :
SU-01-051719

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF051019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.		
12.45	17.76 ng	1360160	Phenanthrene-d10	11.35		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	8-Octadecenoic acid, methyl este...	296	C19H36O2	026528-50-7	99	
2	11-Octadecenoic acid, methyl ester	296	C19H36O2	052380-33-3	99	
3	9-Octadecenoic acid (Z)-, methyl...	296	C19H36O2	000112-62-9	98	
4	7-Octadecenoic acid, methyl ester	296	C19H36O2	057396-98-2	98	
5	11-Octadecenoic acid, methyl est...	296	C19H36O2	001937-63-9	98	



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF052119\
Data File : BF114469.D
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Operator : JU/SJ
Sample : K2647-09 2X
Misc :
ALS Vial : 22 Sample Multiplier: 1

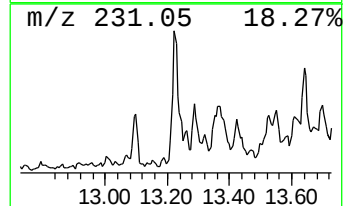
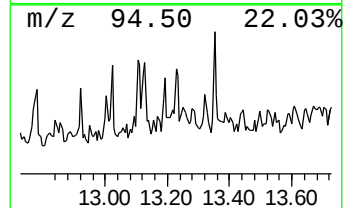
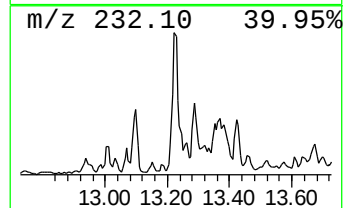
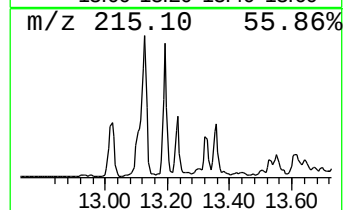
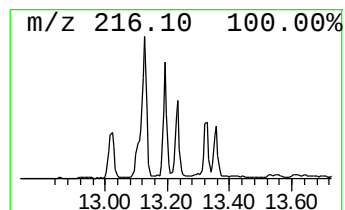
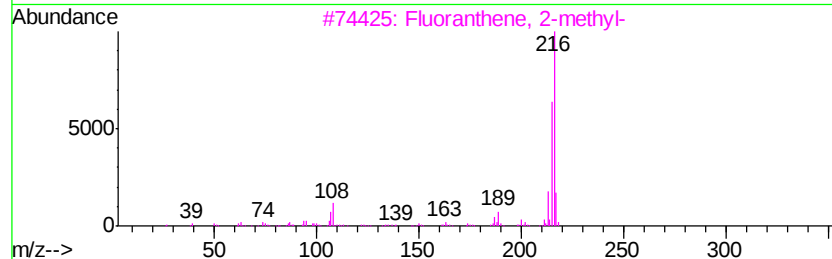
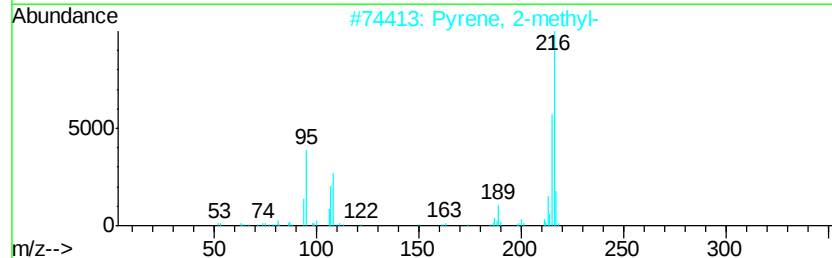
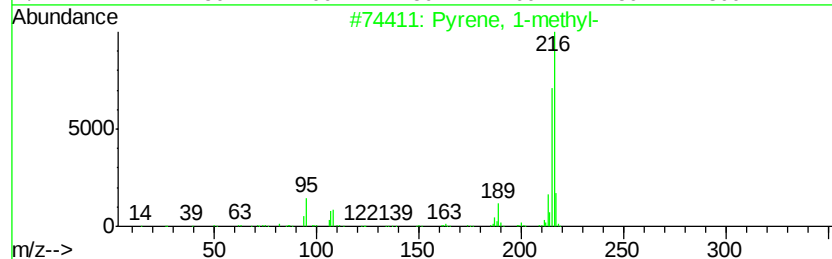
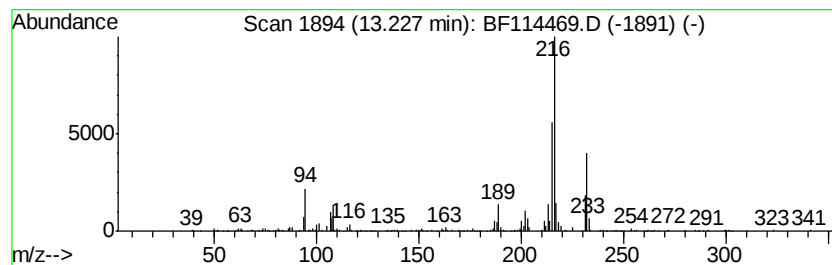
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ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF051019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Pyrene, 1-methyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD		R.T.	
13.23	3.56 ng	466542	Chrysene-d12		14.00	
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Pyrene, 1-methyl-	216	C17H12	002381-21-7	92
2		Pyrene, 2-methyl-	216	C17H12	003442-78-2	91
3		Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	60
4		Pyrene, 4-methyl-	216	C17H12	003353-12-6	55
5		11H-Benzo[b]fluorene	216	C17H12	000243-17-4	52



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF052119\
Data File : BF114469.D
Acq On : 21 May 2019 21:09
Operator : JU/SJ
Sample : K2647-09 2X
Misc :
ALS Vial : 22 Sample Multiplier: 1

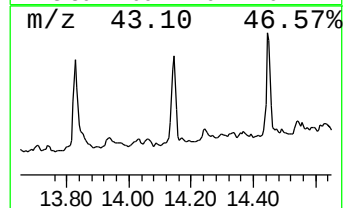
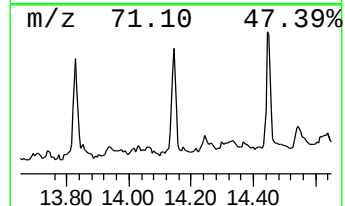
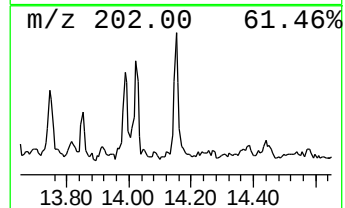
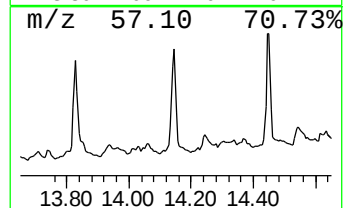
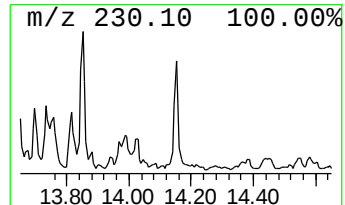
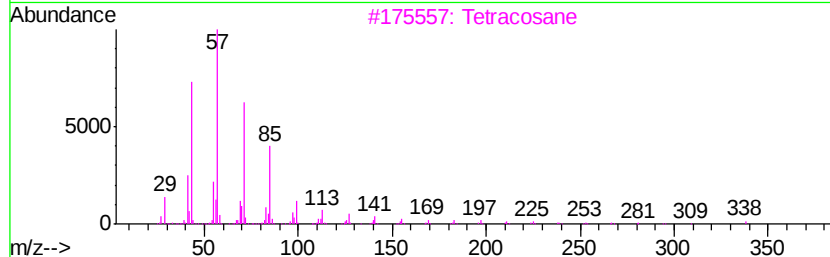
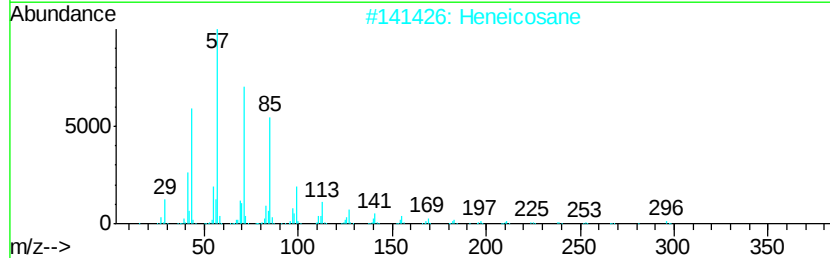
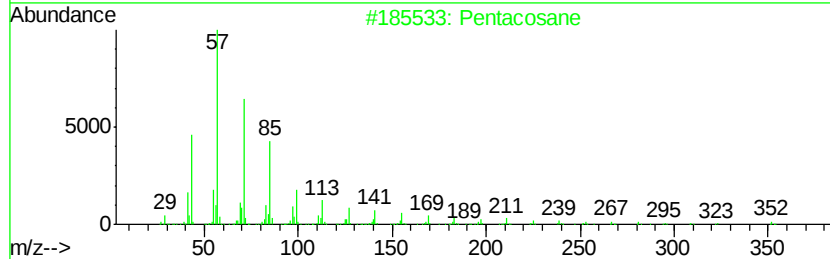
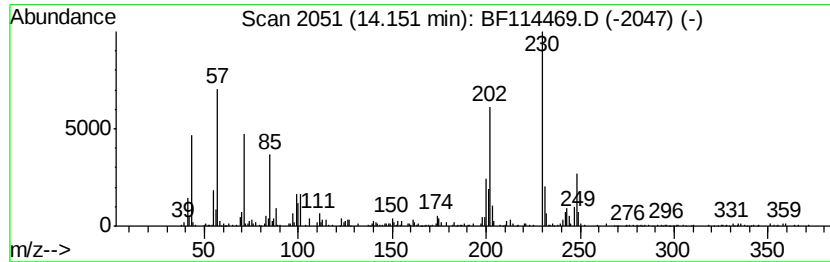
Instrument :
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ClientSampleId :
SU-01-051719

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF051019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 Pentacosane Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.15	4.10 ng	538557	Chrysene-d12	14.00
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Pentacosane	352 C25H52	000629-99-2	70
2	Heneicosane	296 C21H44	000629-94-7	64
3	Tetracosane	338 C24H50	000646-31-1	62
4	Nonadecane	268 C19H40	000629-92-5	62
5	Octadecane	254 C18H38	000593-45-3	58



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF052119\
Data File : BF114469.D
Acq On : 21 May 2019 21:09
Operator : JU/SJ
Sample : K2647-09 2X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SU-01-051719

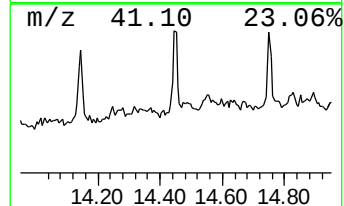
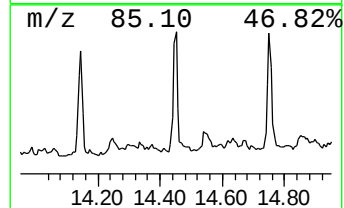
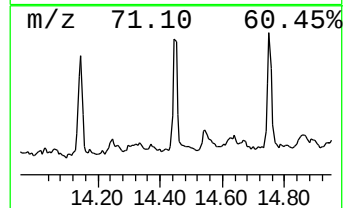
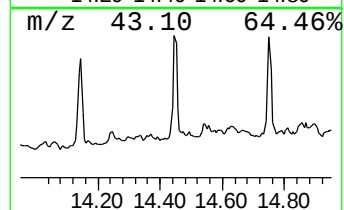
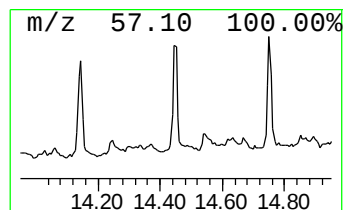
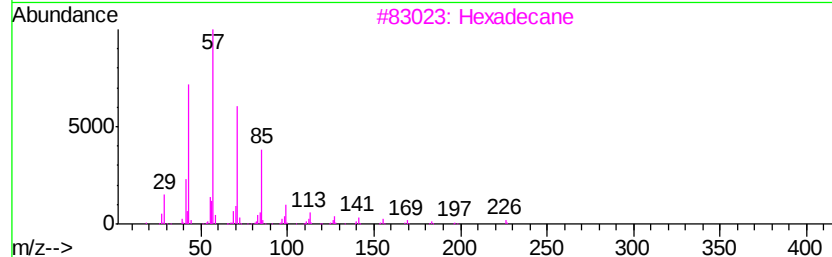
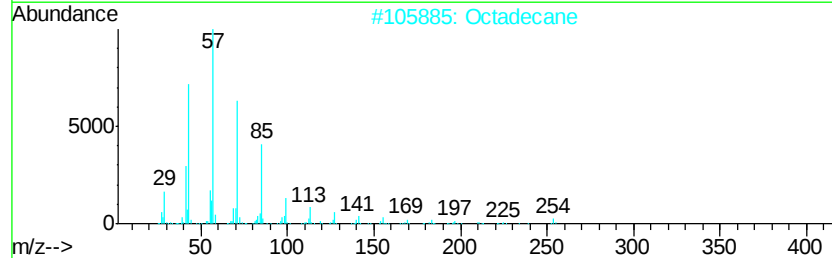
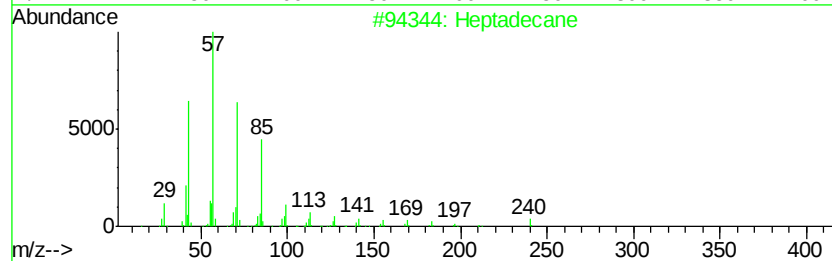
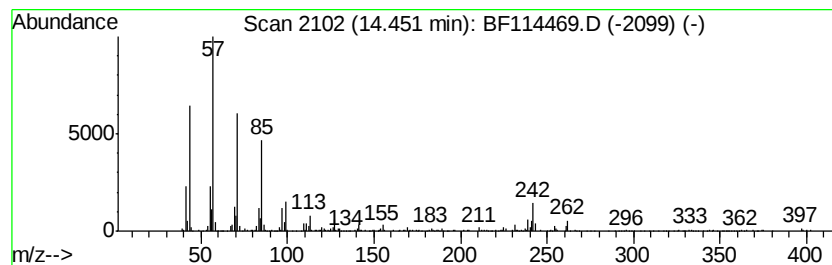
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 Heptadecane Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.45	3.73 ng	489324	Chrysene-d12	14.00

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heptadecane	240	C17H36	000629-78-7	93
2			Octadecane	254	C18H38	000593-45-3	93
3			Hexadecane	226	C16H34	000544-76-3	92
4			Heneicosane	296	C21H44	000629-94-7	90
5			Octacosane	394	C28H58	000630-02-4	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF052119\
Data File : BF114469.D
Acq On : 21 May 2019 21:09
Operator : JU/SJ
Sample : K2647-09 2X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
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ClientSampleId :
SU-01-051719

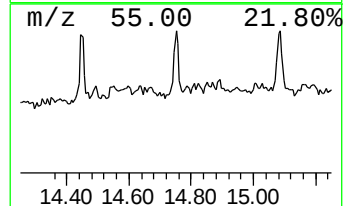
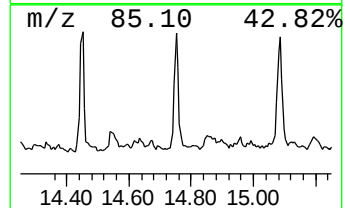
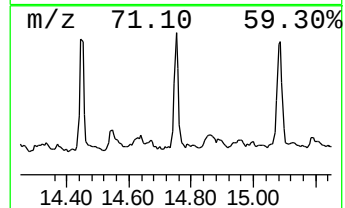
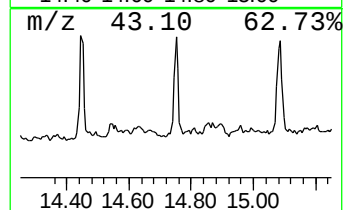
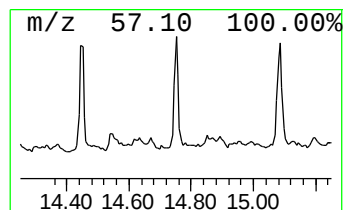
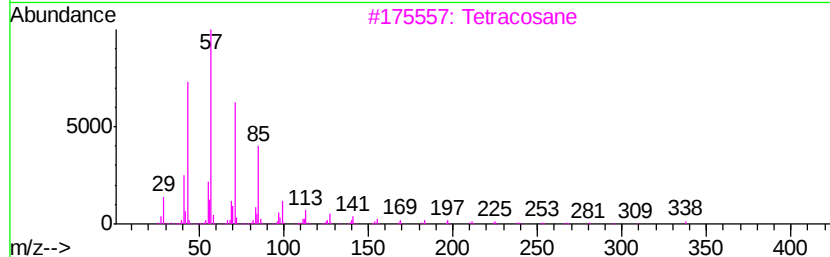
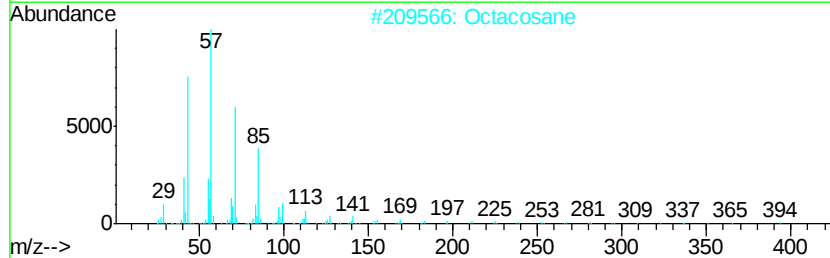
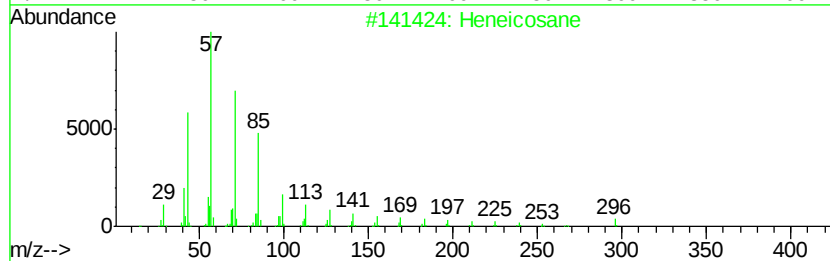
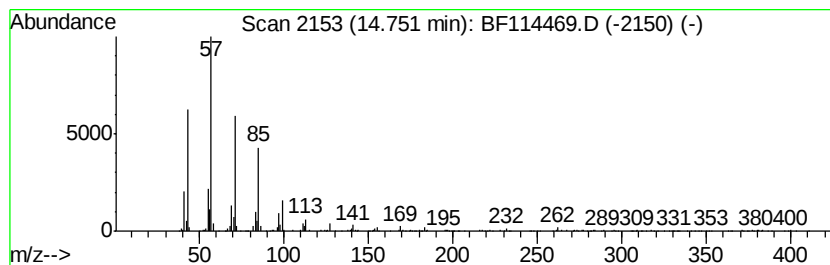
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 Heneicosane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.75	4.96 ng	312238	Perylene-d12	15.47

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heneicosane	296	C21H44	000629-94-7	93
2		Octacosane	394	C28H58	000630-02-4	87
3		Tetracosane	338	C24H50	000646-31-1	83
4		Tricosane, 2-methyl-	338	C24H50	001928-30-9	83
5		Hexadecane	226	C16H34	000544-76-3	80



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF052119\
Data File : BF114469.D
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Misc :
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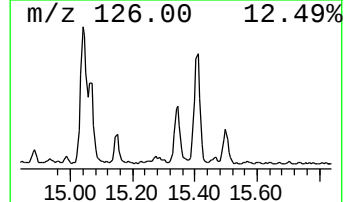
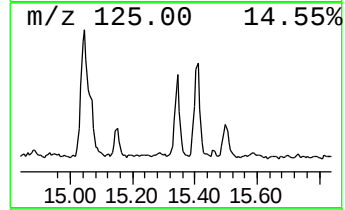
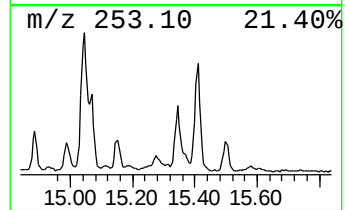
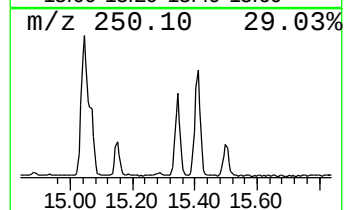
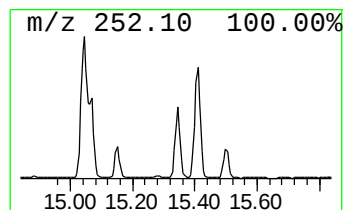
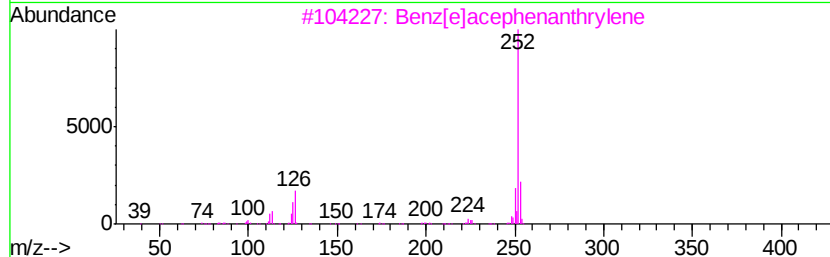
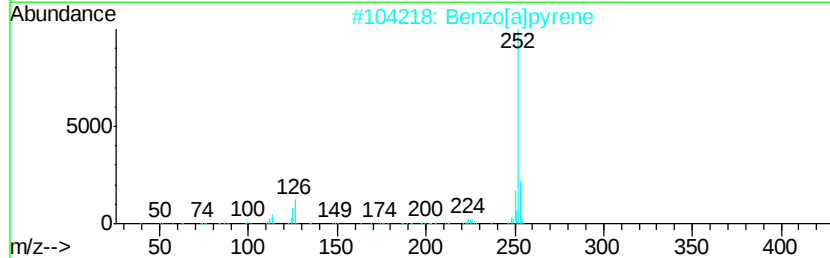
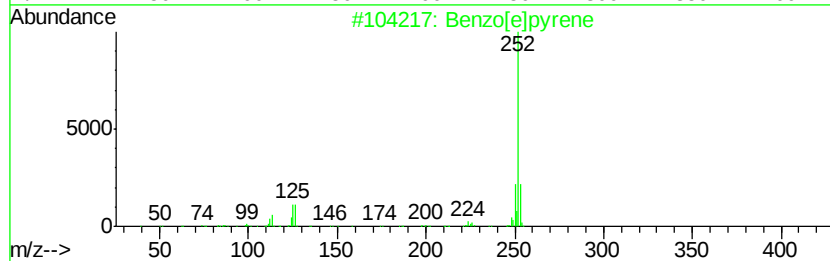
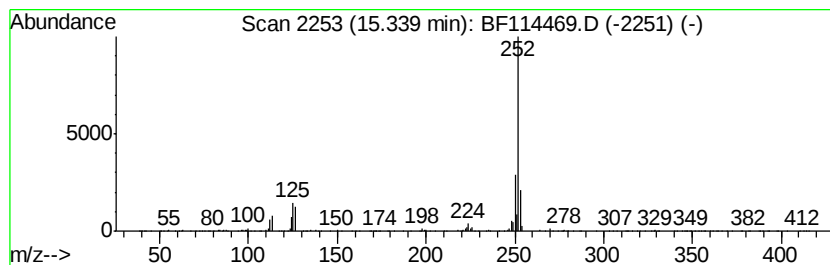
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 Benzo[e]pyrene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.34	11.22 ng	706724	Perylene-d12	15.47

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzo[e]pyrene	252	C20H12	000192-97-2	98
2		Benzo[a]pyrene	252	C20H12	000050-32-8	96
3		Benz[e]acephenanthrylene	252	C20H12	000205-99-2	93
4		Benzo[j]fluoranthene	252	C20H12	000205-82-3	90
5		Benzo[k]fluoranthene	252	C20H12	000207-08-9	89



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF052119\
Data File : BF114469.D
Acq On : 21 May 2019 21:09
Operator : JU/SJ
Sample : K2647-09 2X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SU-01-051719

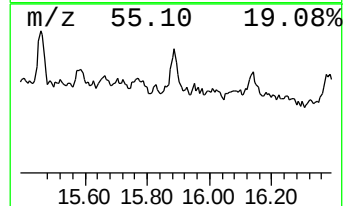
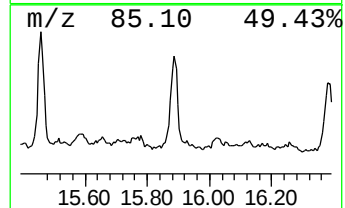
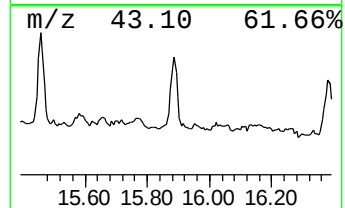
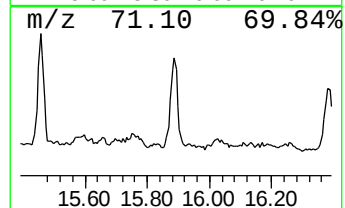
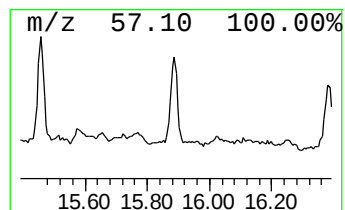
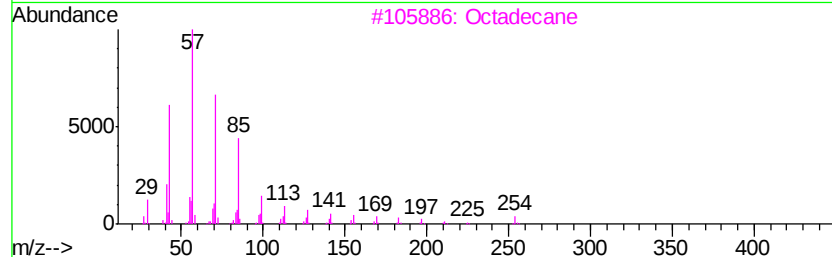
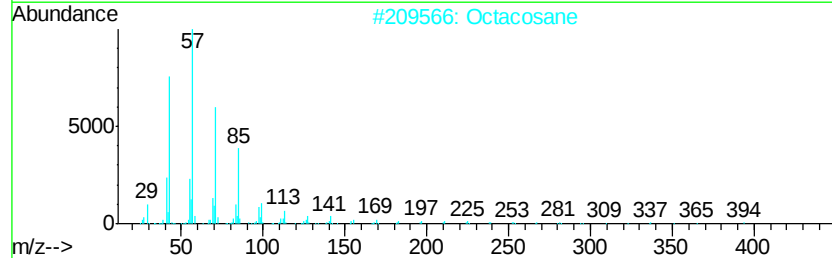
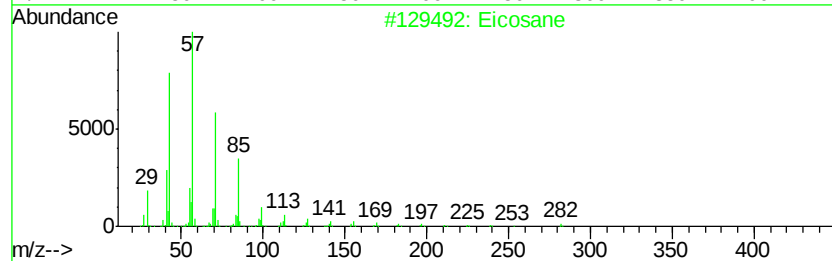
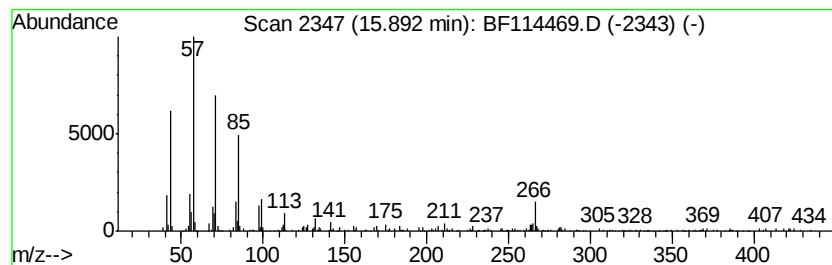
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF051019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 Eicosane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.89	6.38 ng	401494	Perylene-d12	15.47

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Eicosane	282	C20H42	000112-95-8	91
2		Octacosane	394	C28H58	000630-02-4	87
3		Octadecane	254	C18H38	000593-45-3	83
4		2-Bromo dodecane	248	C12H25Br	013187-99-0	83
5		Heptacosane	380	C27H56	000593-49-7	80



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF052119\
 Data File : BF114469.D
 Acq On : 21 May 2019 21:09
 Operator : JU/SJ
 Sample : K2647-09 2X
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SU-01-051719

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF051019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
unknown6.60	6.60	32.1 ng		2084860	1	6.83	1297790	20.0
Tridecane	10.76	4.3 ng		327164	4	11.35	1531720	20.0
Octane, 3,5-dimet...	11.21	3.7 ng		285072	4	11.35	1531720	20.0
Naphtho[2,1-b]thi...	11.25	3.5 ng		269321	4	11.35	1531720	20.0
Tetradecane	11.64	3.5 ng		266673	4	11.35	1531720	20.0
Hexadecanoic acid...	11.74	5.3 ng		406019	4	11.35	1531720	20.0
Phenanthrene, 2-m...	11.86	4.6 ng		350797	4	11.35	1531720	20.0
Anthracene, 2-met...	11.89	6.4 ng		488910	4	11.35	1531720	20.0
4H-Cyclopenta[def...	11.97	10.4 ng		795949	4	11.35	1531720	20.0
9,12-Octadecadien...	12.42	18.6 ng		1425980	4	11.35	1531720	20.0
8-Octadecenoic ac...	12.45	17.8 ng		1360160	4	11.35	1531720	20.0
Pyrene, 1-methyl-	13.23	3.6 ng		466542	5	14.00	2624170	20.0
Pentacosane	14.15	4.1 ng		538557	5	14.00	2624170	20.0
Heptadecane	14.45	3.7 ng		489324	5	14.00	2624170	20.0
Heneicosane	14.75	5.0 ng		312238	6	15.47	1259490	20.0
Benzo[e]pyrene	15.34	11.2 ng		706724	6	15.47	1259490	20.0
Eicosane	15.89	6.4 ng		401494	6	15.47	1259490	20.0