

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF120618\
 Data File : BF111160.D
 Acq On : 7 Dec 2018 1:22
 Operator : JU/SJ
 Sample : J6194-01 2X
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OK-02-120418-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-BF120518.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	5.004	489	496	501	rBV	342145	404021	5.96%	0.478%
2	5.416	561	566	569	rBV	6940323	6122419	90.31%	7.246%
3	6.428	733	738	743	rBV	6876099	6779300	100.00%	8.023%
4	6.575	758	763	766	rBV	6596663	6391233	94.28%	7.564%
5	6.804	799	802	806	rVB	4247437	3371448	49.73%	3.990%
6	6.963	825	829	832	rVB	5793675	4667560	68.85%	5.524%
7	7.363	892	897	900	rBV	4739244	4060763	59.90%	4.806%
8	8.086	1016	1020	1023	rBV	5631782	4480392	66.09%	5.303%
9	8.798	1138	1141	1144	rVB	114491	94212	1.39%	0.112%
10	8.898	1153	1158	1162	rBV	151108	124754	1.84%	0.148%
11	9.163	1199	1203	1206	rBV	7993096	6145769	90.65%	7.274%
12	9.257	1214	1219	1222	rBV4	92107	123270	1.82%	0.146%
13	9.427	1244	1248	1251	rBV2	84257	103519	1.53%	0.123%
14	9.498	1257	1260	1263	rBV	160017	158494	2.34%	0.188%
15	9.557	1267	1270	1272	rBV	498862	425989	6.28%	0.504%
16	9.698	1291	1294	1297	rBV	275578	235632	3.48%	0.279%
17	9.839	1313	1318	1321	rBV2	5020827	4447279	65.60%	5.263%
18	9.869	1321	1323	1327	rVB	336340	293381	4.33%	0.347%
19	10.045	1349	1353	1356	rVB	197264	197477	2.91%	0.234%
20	10.157	1368	1372	1375	rBV3	85438	102477	1.51%	0.121%
21	10.257	1384	1389	1392	rBV4	52840	94003	1.39%	0.111%
22	10.286	1392	1394	1397	rVB2	97077	84348	1.24%	0.100%
23	10.386	1408	1411	1417	rVB	318166	289982	4.28%	0.343%
24	10.451	1417	1422	1424	rBV3	94972	99318	1.47%	0.118%
25	10.545	1435	1438	1443	rVB3	74829	101590	1.50%	0.120%
26	10.621	1447	1451	1456	rBV	3547669	3003224	44.30%	3.554%
27	10.757	1470	1474	1476	rBV2	141645	150760	2.22%	0.178%
28	11.127	1534	1537	1541	rVB2	98439	111359	1.64%	0.132%
29	11.216	1547	1552	1554	rBV2	175628	212373	3.13%	0.251%
30	11.321	1566	1570	1572	rBV	3934537	3241667	47.82%	3.837%
31	11.345	1572	1574	1577	rVV	2042750	1476184	21.77%	1.747%
32	11.398	1577	1583	1585	rVV	385344	372464	5.49%	0.441%
33	11.433	1585	1589	1592	rBV4	73267	90187	1.33%	0.107%
34	11.545	1603	1608	1613	rBV2	178101	232573	3.43%	0.275%

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If leading or trailing edge < 100 prefer < Baseline drop else tangent >
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35	11.627	1619	1622	1624	rBV2	90187	105720	1.56%	0.125%
36	11.651	1624	1626	1629	rVB	163392	126430	1.86%	0.150%
37	11.733	1637	1640	1645	rVB2	103741	116399	1.72%	0.138%
38	11.821	1652	1655	1658	rBV	275952	296731	4.38%	0.351%
39	11.851	1658	1660	1665	rVV	828474	785745	11.59%	0.930%
40	11.898	1665	1668	1671	rVV	133876	128892	1.90%	0.153%
41	11.933	1671	1674	1677	rVV	648702	669597	9.88%	0.792%
42	11.957	1677	1678	1681	rVB	238192	140523	2.07%	0.166%
43	12.121	1703	1706	1707	rBV2	172107	166559	2.46%	0.197%
44	12.133	1707	1708	1716	rVB4	173601	210520	3.11%	0.249%
45	12.251	1725	1728	1730	rBV2	80501	84034	1.24%	0.099%
46	12.321	1738	1740	1742	rVB2	105994	82985	1.22%	0.098%
47	12.374	1745	1749	1752	rVV	292985	320299	4.72%	0.379%
48	12.410	1752	1755	1757	rVV3	216075	242736	3.58%	0.287%
49	12.451	1760	1762	1768	rVB3	125468	201153	2.97%	0.238%
50	12.533	1773	1776	1780	rBV	2748795	2228522	32.87%	2.638%
51	12.580	1782	1784	1789	rVB4	74654	111674	1.65%	0.132%
52	12.639	1789	1794	1799	rBV3	307131	417615	6.16%	0.494%
53	12.686	1799	1802	1805	rVB2	131784	137127	2.02%	0.162%
54	12.763	1809	1815	1817	rBV	2295623	2425156	35.77%	2.870%
55	12.880	1832	1835	1836	rBV	115632	84342	1.24%	0.100%
56	12.904	1836	1839	1843	rVV	3585158	3386498	49.95%	4.008%
57	12.980	1849	1852	1855	rBV2	165956	187256	2.76%	0.222%
58	13.033	1859	1861	1864	rBV3	72130	81117	1.20%	0.096%
59	13.086	1864	1870	1874	rVB	322397	540178	7.97%	0.639%
60	13.157	1879	1882	1885	rVB	281025	239305	3.53%	0.283%
61	13.192	1885	1888	1891	rBV2	319688	291194	4.30%	0.345%
62	13.286	1901	1904	1906	rVB	206678	172685	2.55%	0.204%
63	13.315	1906	1909	1912	rBV	245978	190404	2.81%	0.225%
64	13.586	1953	1955	1962	rVB	156426	214886	3.17%	0.254%
65	13.704	1971	1975	1979	rBV2	287799	424072	6.26%	0.502%
66	13.757	1982	1984	1988	rVV2	128926	170428	2.51%	0.202%
67	13.815	1988	1994	1998	rVV3	325147	512647	7.56%	0.607%
68	13.957	2013	2018	2021	rBV2	3654427	4185009	61.73%	4.953%
69	13.980	2021	2022	2028	rVB	1086700	733508	10.82%	0.868%
70	14.374	2087	2089	2093	rBV	160712	148505	2.19%	0.176%
71	14.980	2188	2192	2199	rBV	674464	1302934	19.22%	1.542%

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Integration Parameters: rteint.p
Integrator: RTE
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Sampling : 1 Min Area: 3 % of largest Peak
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Stop Thrs : 0 Peak Location: TOP

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72	15.080	2207	2209	2215	rVB2	296174	335703	4.95%	0.397%
73	15.274	2239	2242	2248	rVB	489182	584640	8.62%	0.692%
74	15.333	2248	2252	2255	rBV	583378	699107	10.31%	0.827%
75	15.392	2258	2262	2266	rBV	1677962	2007718	29.62%	2.376%
76	16.527	2452	2455	2463	rVB3	419370	713621	10.53%	0.845%

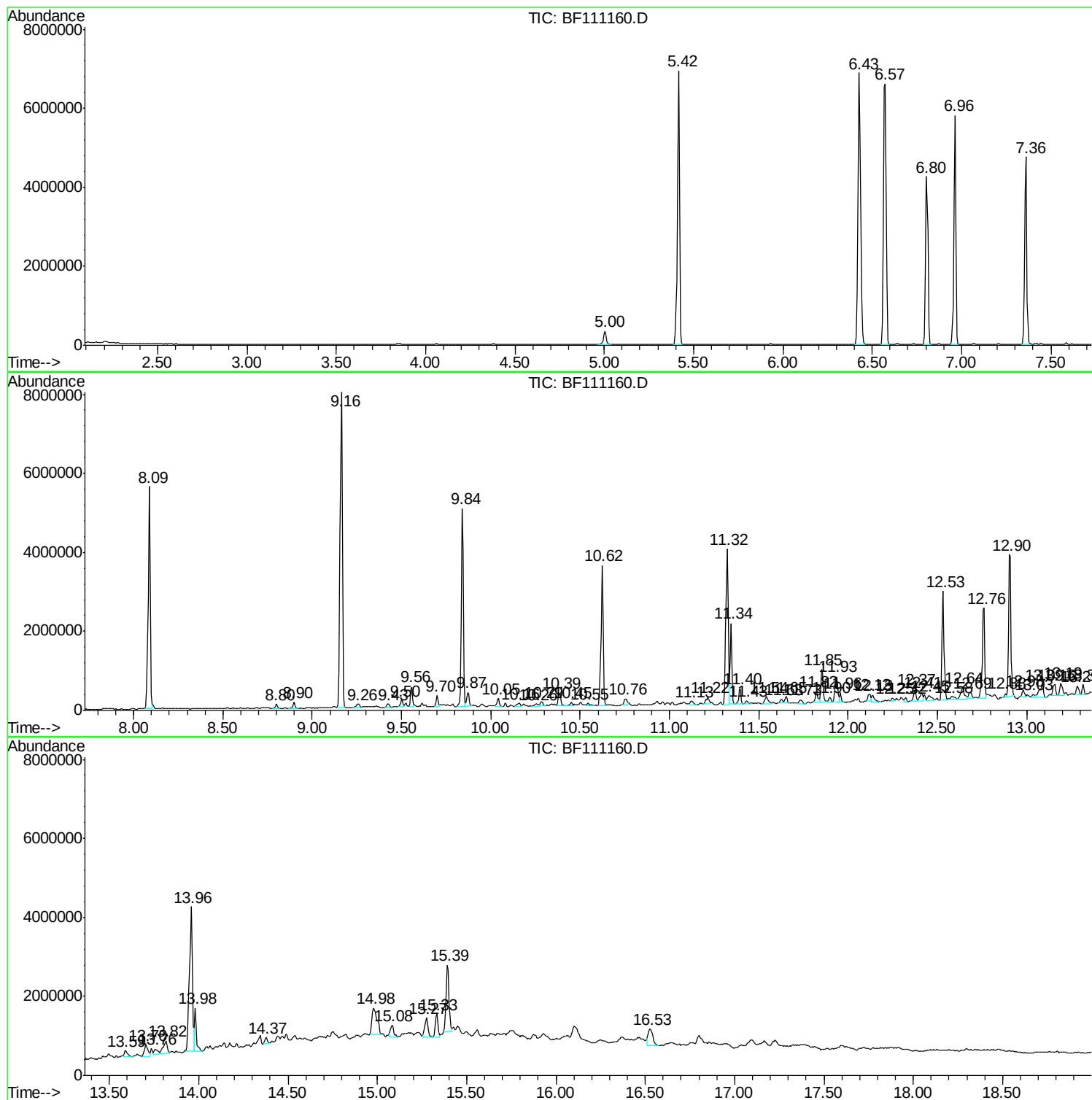
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Instrument :
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ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF120518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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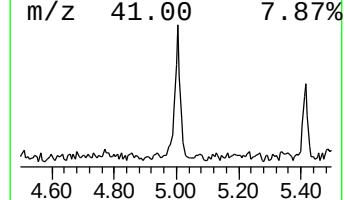
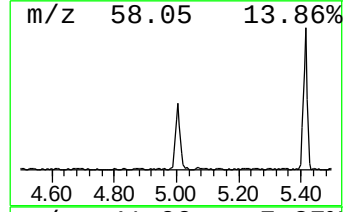
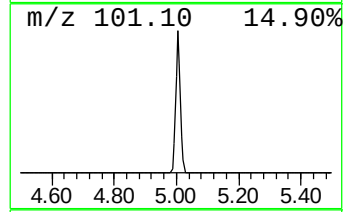
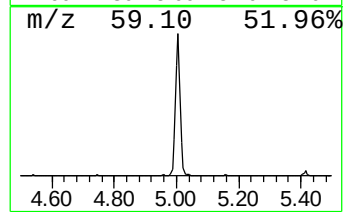
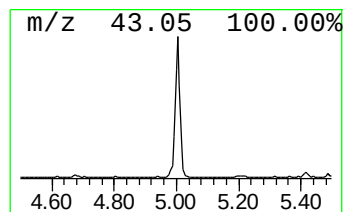
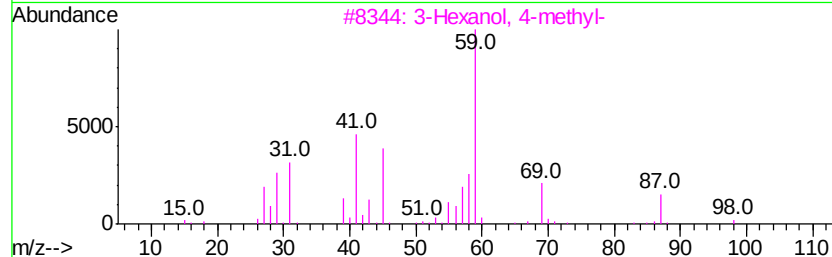
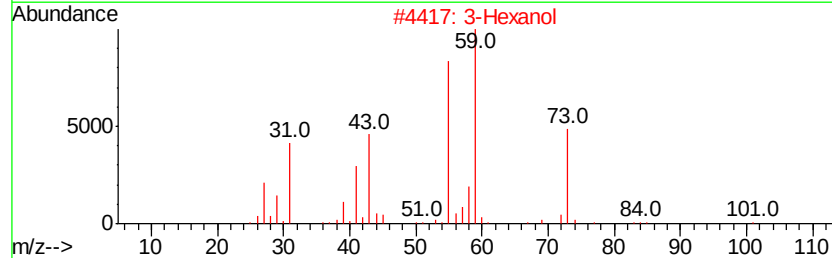
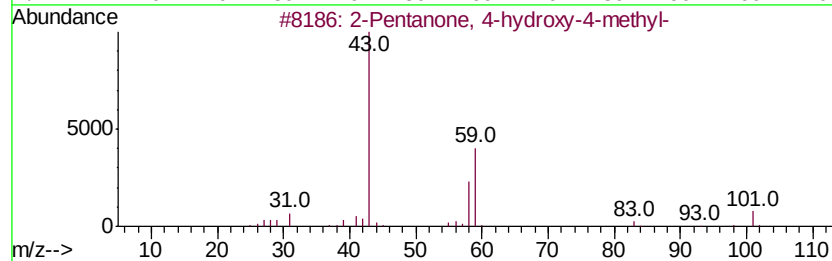
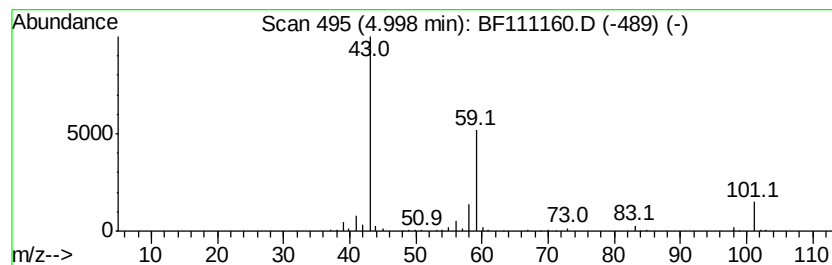
Instrument :
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ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF120518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.	
5.00	2.40 ng	404021	1,4-Dichlorobenzene-d4	6.80	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	45
2	3-Hexanol	102	C6H14O	000623-37-0	33
3	3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	28
4	2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	25
5	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	23



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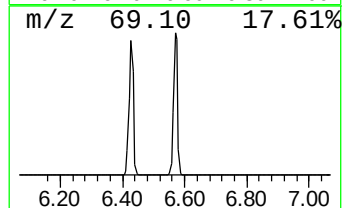
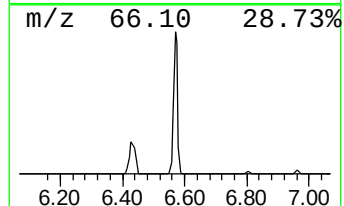
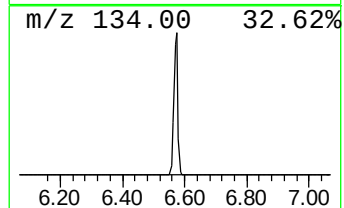
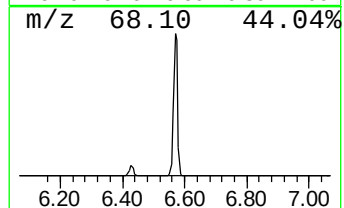
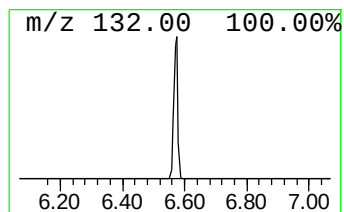
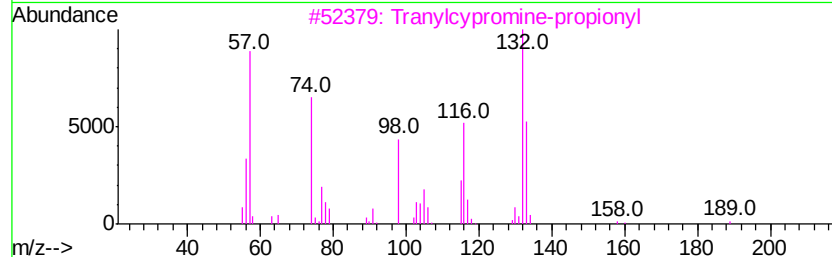
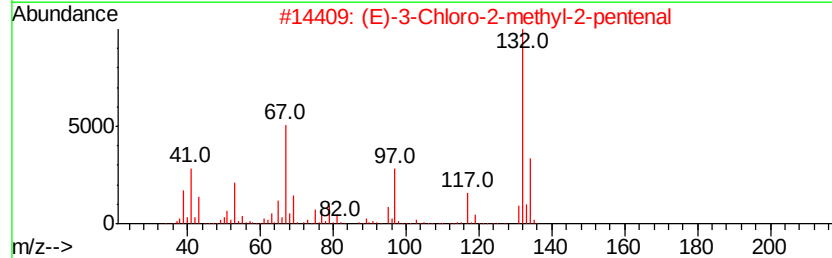
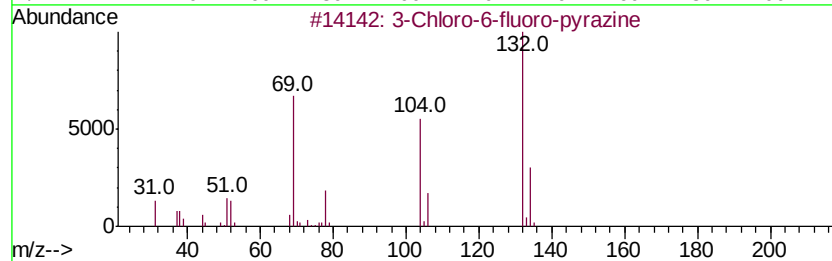
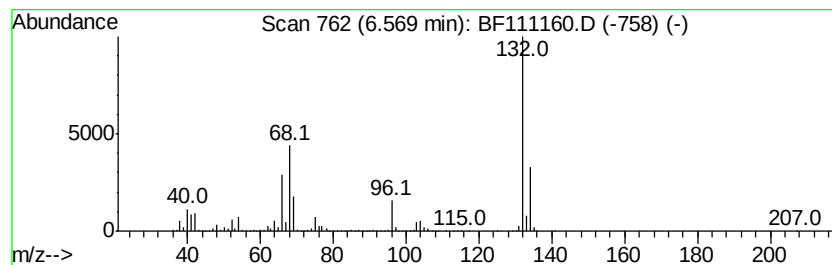
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF120518.M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 unknown6.57 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.57	37.91 ng	6391230	1,4-Dichlorobenzene-d4	6.80

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	12
3		Tranvlcypropine-propionyl	189	C12H15NO	1000123-86-3	12
4		2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	9
5		4-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-60-2	9



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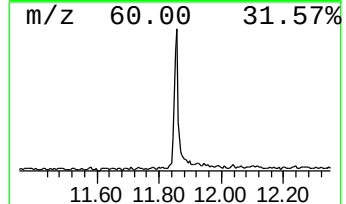
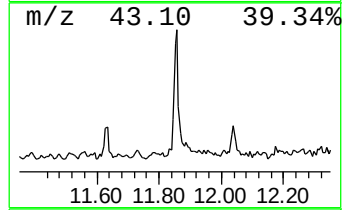
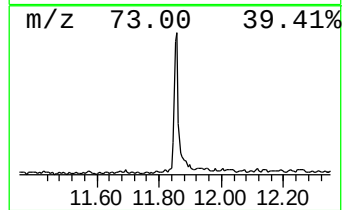
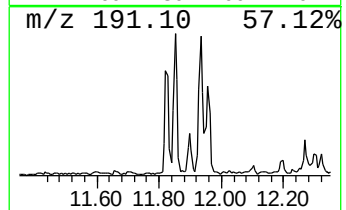
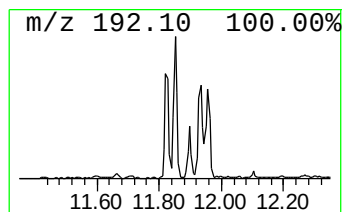
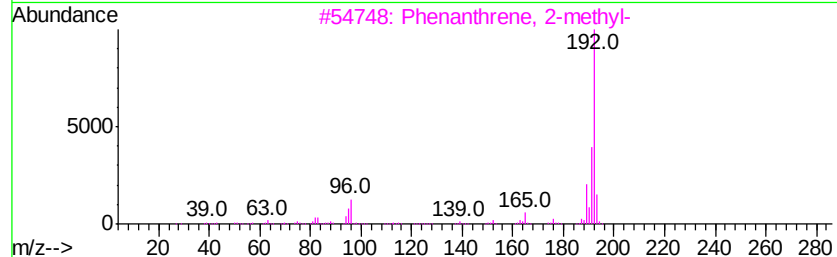
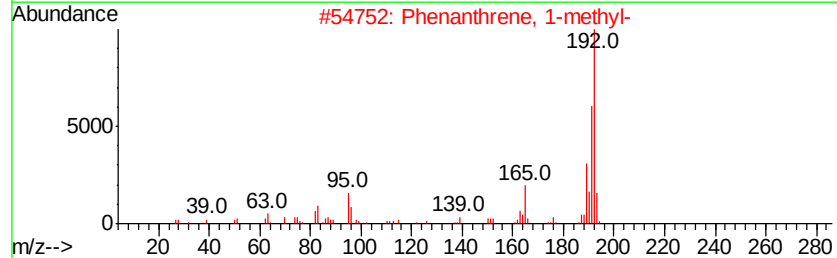
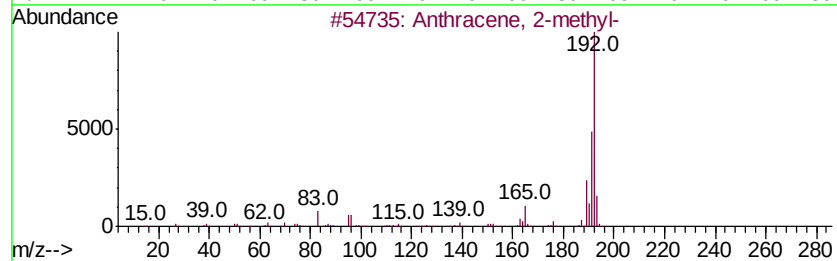
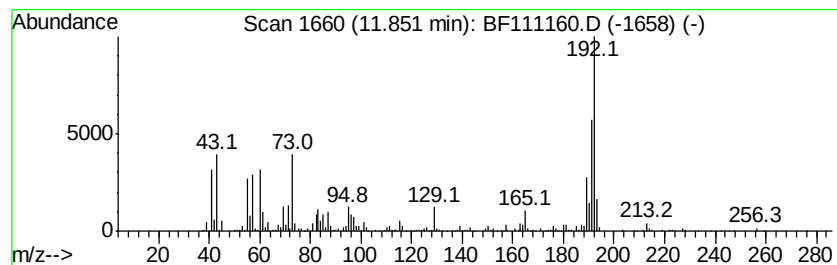
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 Anthracene, 2-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.85	4.85 ng	785745	Phenanthrene-d10	11.32	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	92
4	Anthracene, 1-methyl-	192	C15H12	000610-48-0	92
5	Phenanthrene, 9-methyl-	192	C15H12	000883-20-5	86



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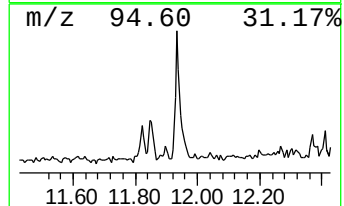
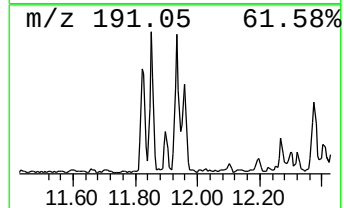
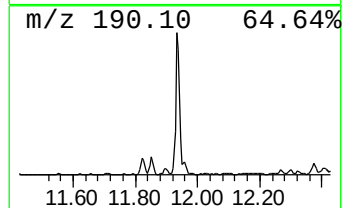
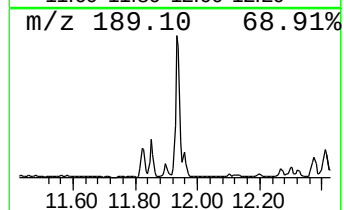
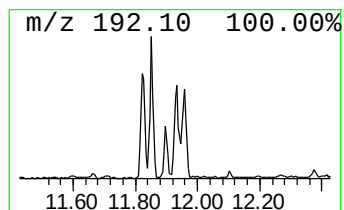
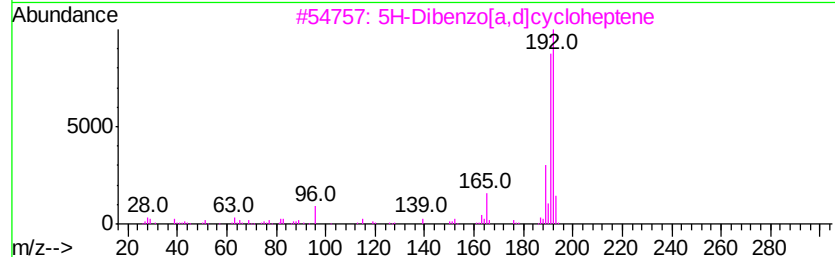
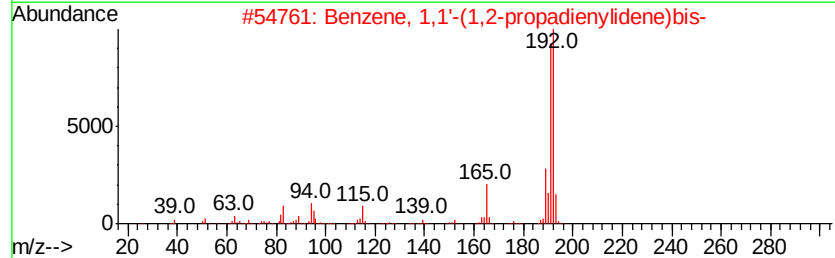
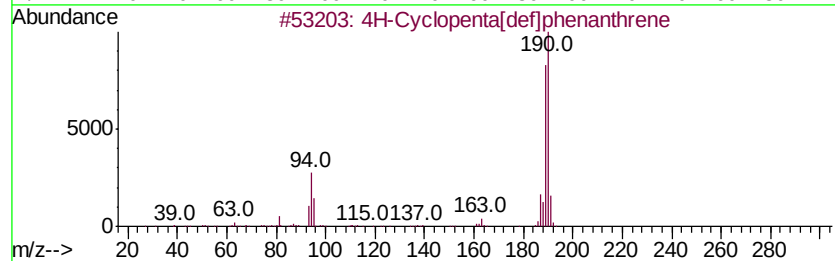
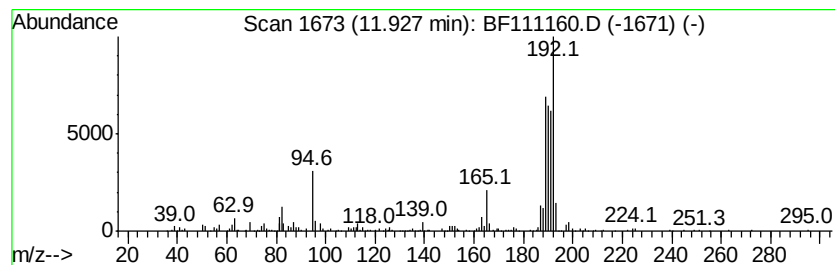
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 4H-Cyclopenta[def]phenanthrene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.93	4.13 ng	669597	Phenanthrene-d10	11.32	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	94
2	Benzene, 1,1'-(1,2-propadienylid...	192	C15H12	014251-57-1	18
3	5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	18
4	Propyne, 1,3-diphenyl-	192	C15H12	004980-70-5	18
5	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	15



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF120618\
Data File : BF111160.D
Acq On : 7 Dec 2018 1:22
Operator : JU/SJ
Sample : J6194-01 2X
Misc :
ALS Vial : 21 Sample Multiplier: 1

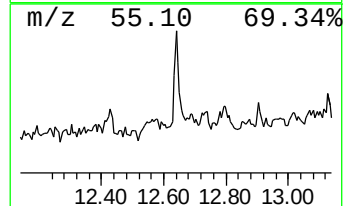
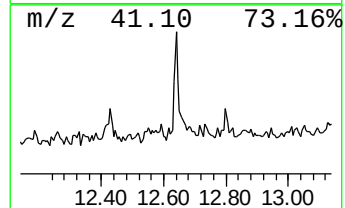
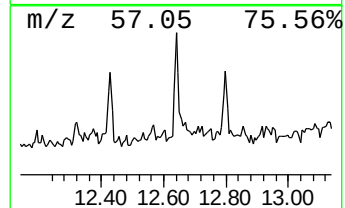
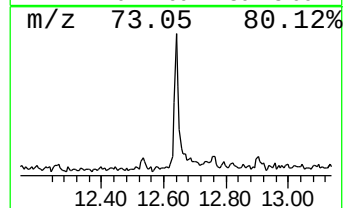
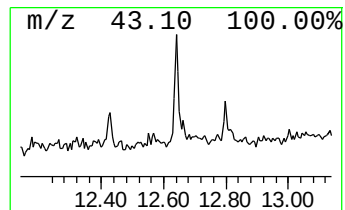
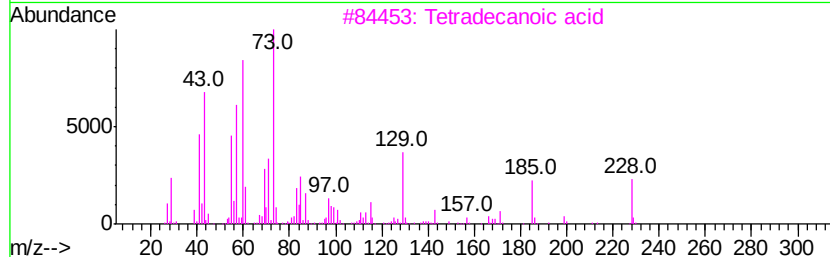
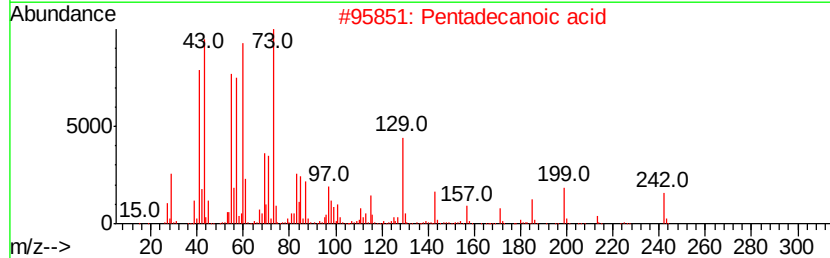
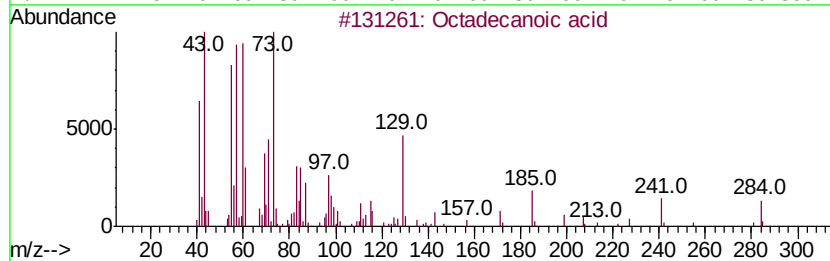
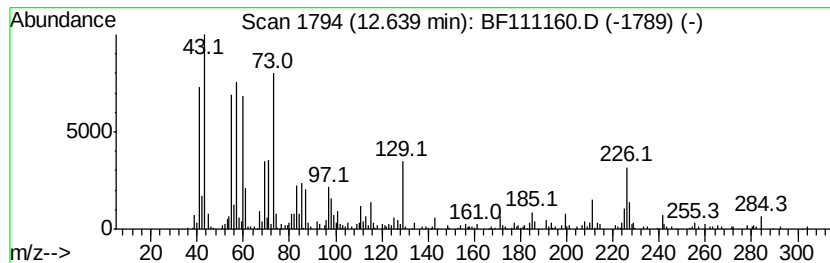
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Octadecanoic acid Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.	
12.64	2.58 ng	417615	Phenanthrene-d10	11.32	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	98
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	94
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	58
4	n-Decanoic acid	172	C10H20O2	000334-48-5	55
5	Tridecanoic acid	214	C13H26O2	000638-53-9	53



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF120618\
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Sample : J6194-01 2X
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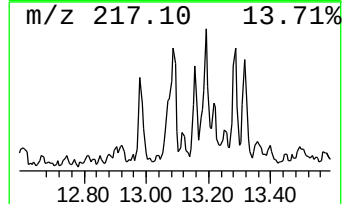
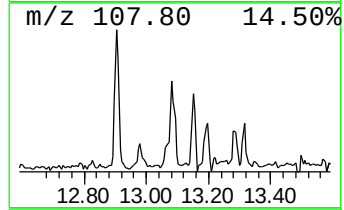
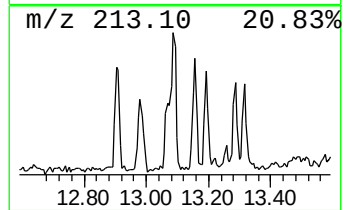
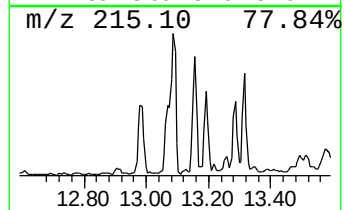
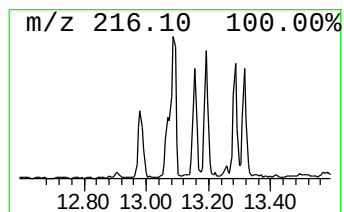
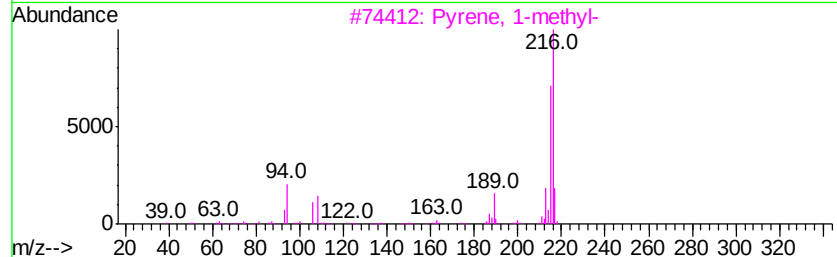
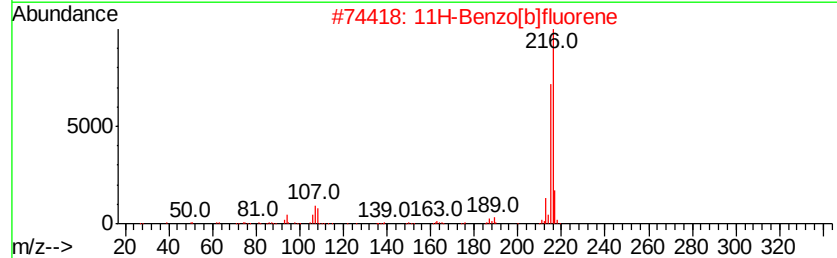
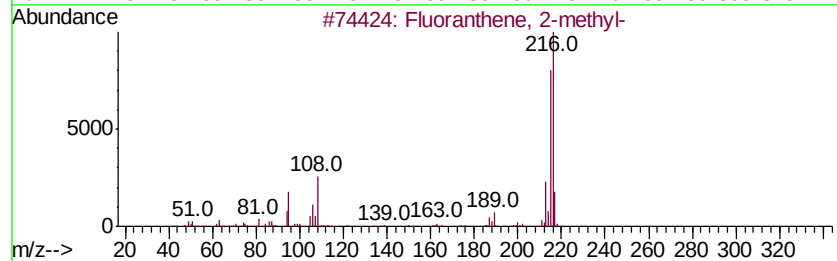
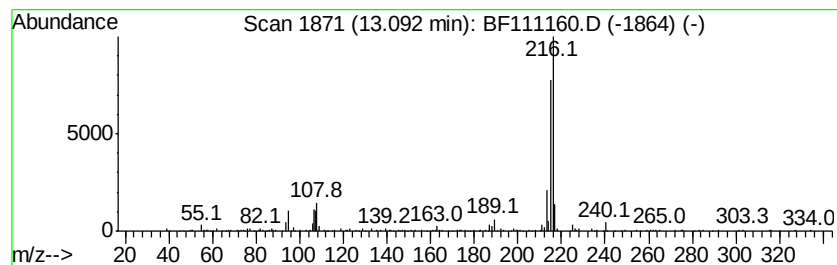
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Fluoranthene, 2-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.09	2.58 ng	540178	Chrysene-d12	13.96
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Fluoranthene, 2-methyl-	216 C17H12	033543-31-6 91
2		11H-Benzo[b]fluorene	216 C17H12	000243-17-4 90
3		Pvrene, 1-methyl-	216 C17H12	002381-21-7 86
4		11H-Benzo[a]fluorene	216 C17H12	000238-84-6 81
5		7H-Benzo[c]fluorene	216 C17H12	000205-12-9 81



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF120618\
Data File : BF111160.D
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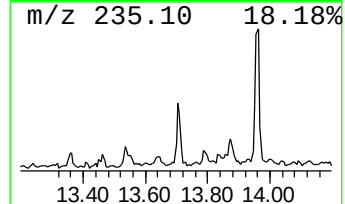
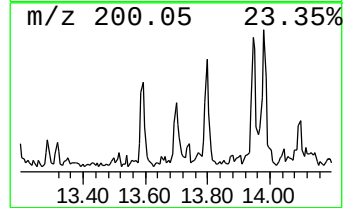
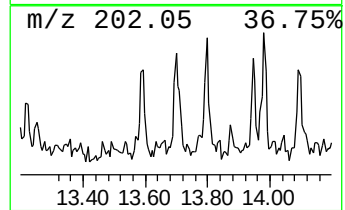
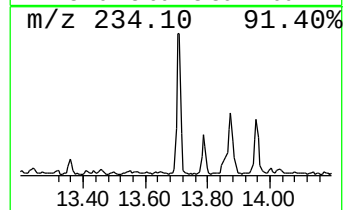
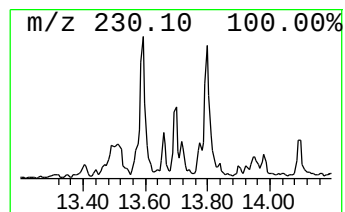
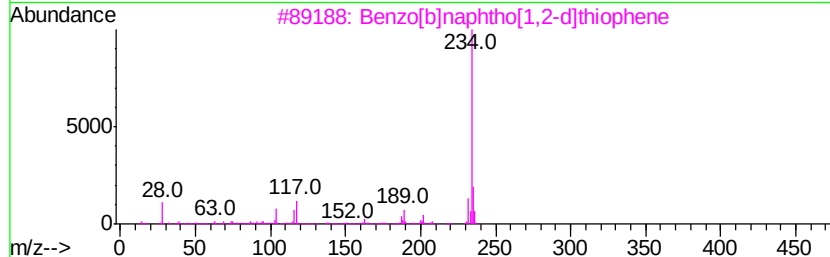
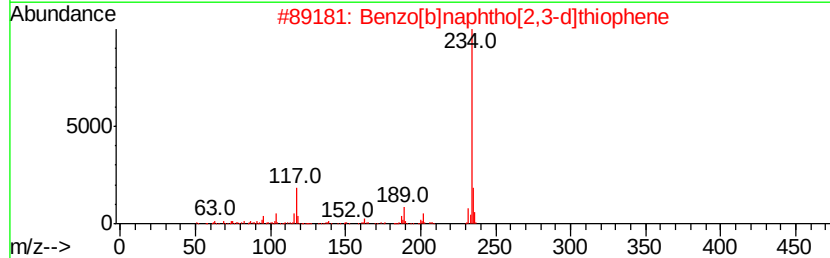
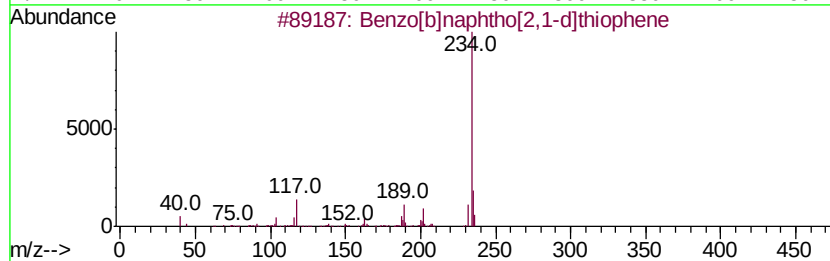
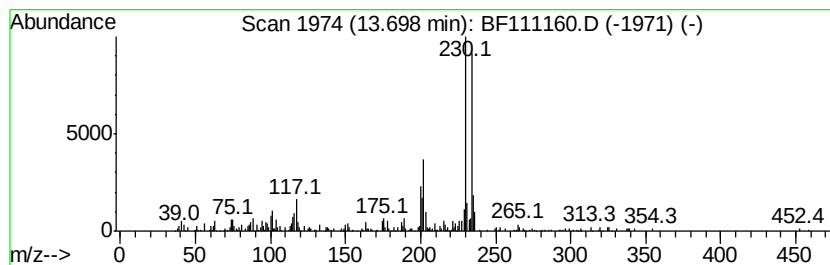
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Benzo[b]naphtho[2,1-d]thiop... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.70	2.03 ng	424072	Chrysene-d12	13.96

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	96
2		Benzo[b]naphtho[2,3-d]thiophene	234	C16H10S	000243-46-9	94
3		Benzo[b]naphtho[1,2-d]thiophene	234	C16H10S	000205-43-6	94
4		Anthra(1,2-b)thiophene	234	C16H10S	000227-86-1	93
5		Anthra(2,3-b)thiophene	234	C16H10S	022108-55-0	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF120618\
Data File : BF111160.D
Acq On : 7 Dec 2018 1:22
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Misc :
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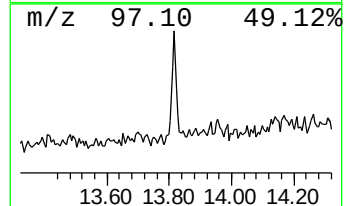
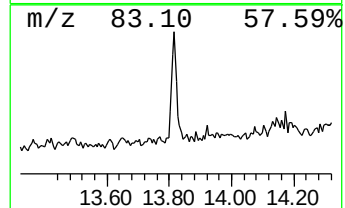
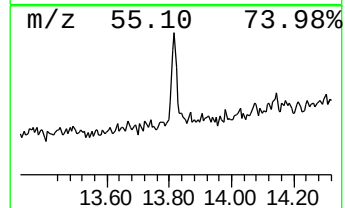
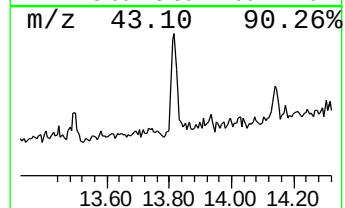
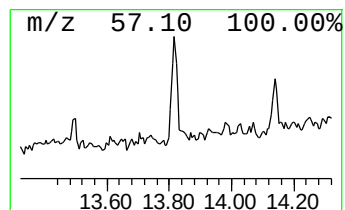
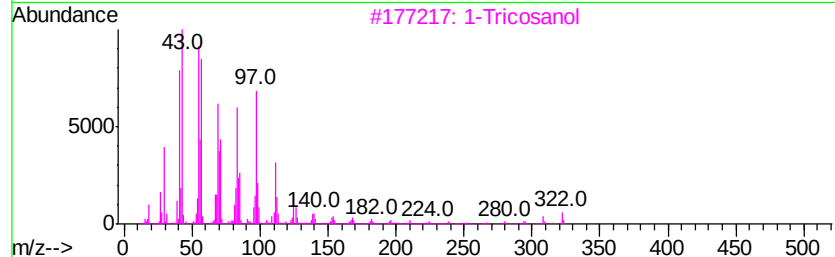
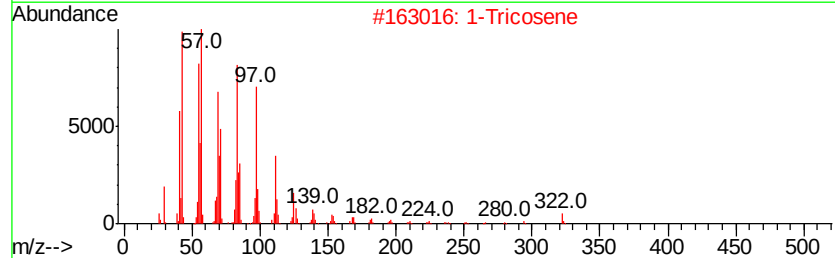
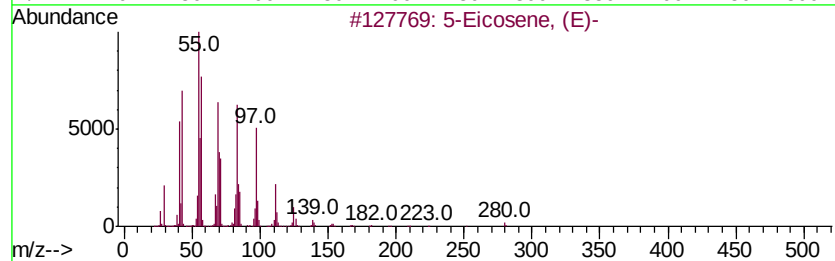
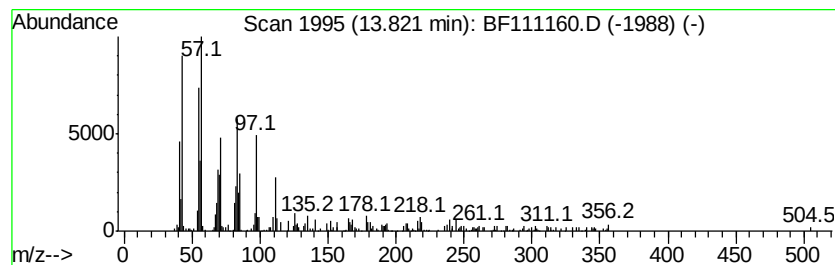
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.82	2.45 ng	512647	Chrysene-d12	13.96

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	5-Eicosene, (E)-	280	C20H40	074685-30-6	94
2		1-Tricosene	322	C23H46	018835-32-0	91
3		1-Tricosanol	340	C23H48O	003133-01-5	91
4		Cetene	224	C16H32	000629-73-2	64
5		Octadecane, 1-(ethenyloxy)-	296	C20H40O	000930-02-9	62



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF120618\
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Misc :
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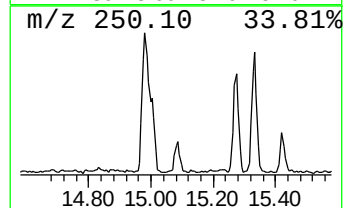
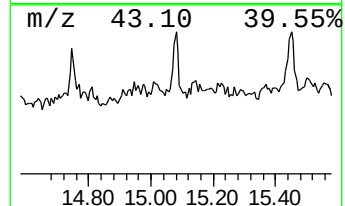
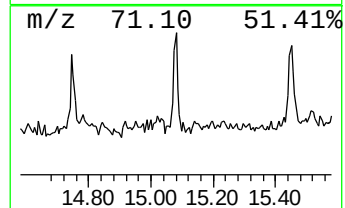
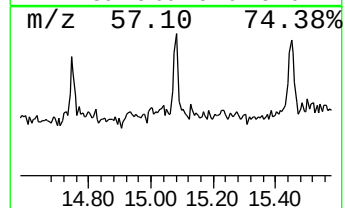
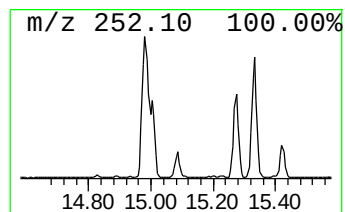
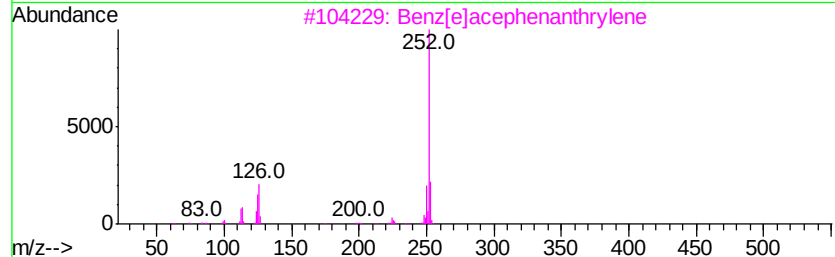
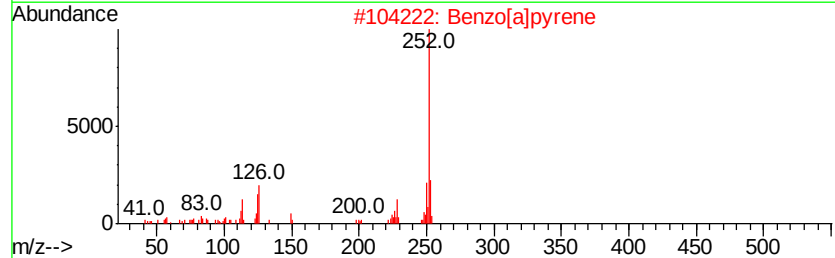
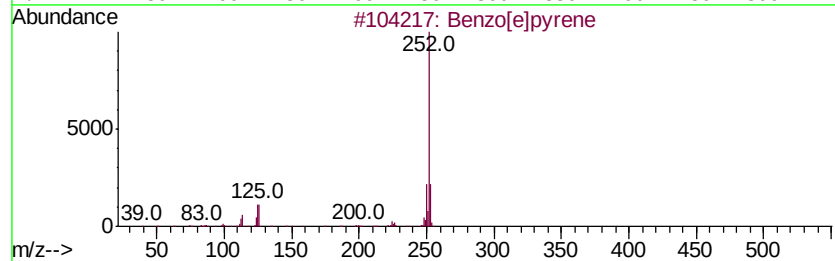
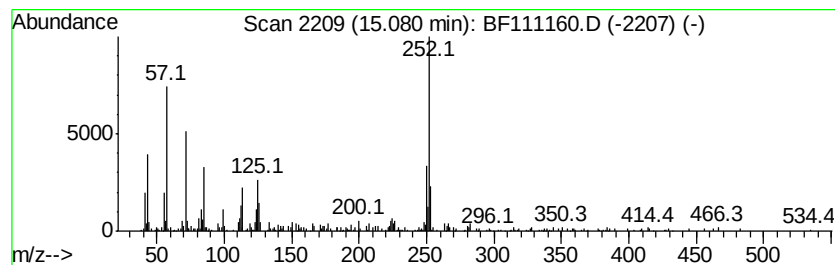
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Benzo[e]pyrene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.08	3.34 ng	335703	Perylene-d12	15.39

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzo[e]pyrene	252	C20H12	000192-97-2	76
2		Benzo[a]pyrene	252	C20H12	000050-32-8	64
3		Benzo[e]acephenanthrylene	252	C20H12	000205-99-2	64
4		Benzo[k]fluoranthene	252	C20H12	000207-08-9	58
5		Perylene	252	C20H12	000198-55-0	49



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF120618\
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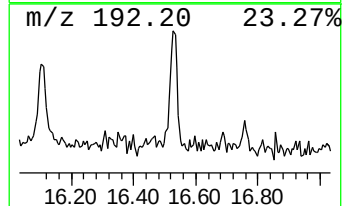
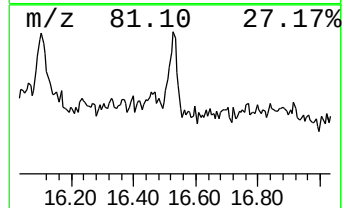
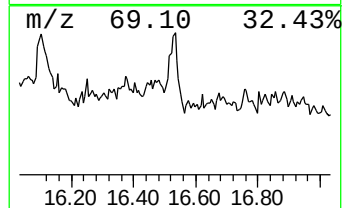
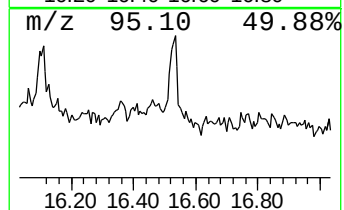
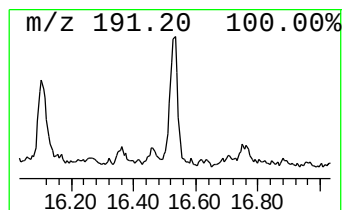
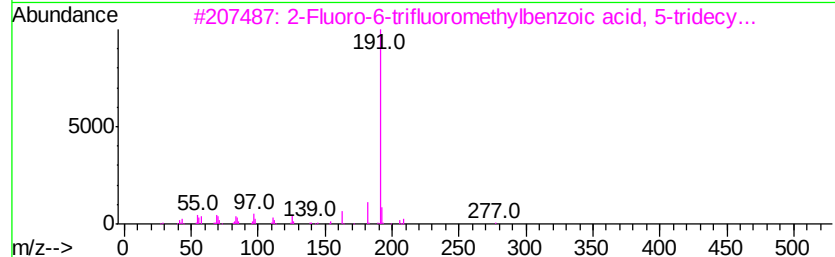
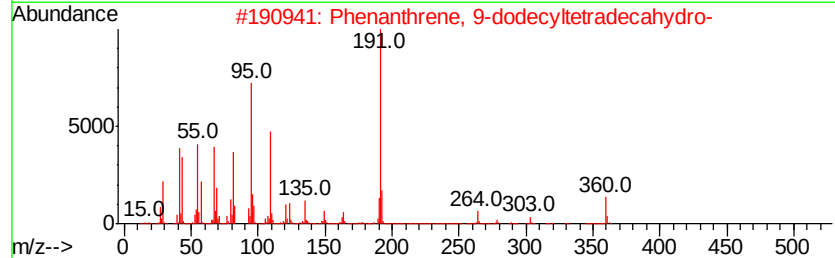
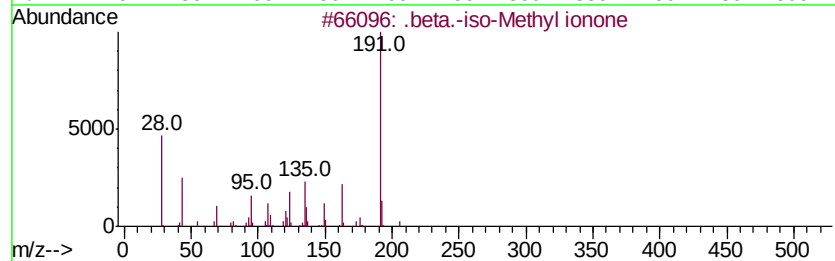
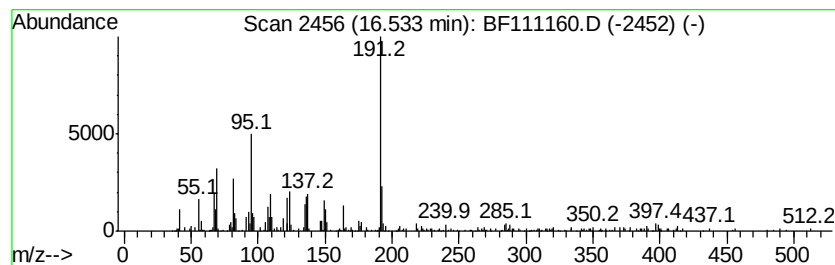
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 .beta.-iso-Methyl ionone Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD		R.T.	
16.53	7.11 ng	713621	Perylene-d12		15.39	
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		.beta.-iso-Methyl ionone	206	C14H22O	1000285-40-2	60
2		Phenanthrene, 9-dodecyltetradeca...	360	C26H48	055334-01-5	52
3		2-Fluoro-6-trifluoromethylbenzoi...	390	C21H30F4O2	1000338-53-3	27
4		2-Fluoro-3-trifluoromethylbenzoi...	404	C22H32F4O2	1000338-52-1	27
5		2-Fluoro-6-trifluoromethylbenzoi...	404	C22H32F4O2	1000338-53-6	27



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF120618\
Data File : BF111160.D
Acq On : 7 Dec 2018 1:22
Operator : JU/SJ
Sample : J6194-01 2X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
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ClientSampleId :
OK-02-120418-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF120518.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
2-Pentanone, 4-hy...	5.00	2.4	ng	404021	1	6.80	3371450	20.0
unknown6.57	6.57	37.9	ng	6391230	1	6.80	3371450	20.0
Anthracene, 2-met...	11.85	4.8	ng	785745	4	11.32	3241670	20.0
4H-Cyclopenta[def...	11.93	4.1	ng	669597	4	11.32	3241670	20.0
Octadecanoic acid	12.64	2.6	ng	417615	4	11.32	3241670	20.0
Fluoranthene, 2-m...	13.09	2.6	ng	540178	5	13.96	4185010	20.0
Benzo[b]naphtho[2...	13.70	2.0	ng	424072	5	13.96	4185010	20.0
5-Eicosene, (E)-	13.82	2.5	ng	512647	5	13.96	4185010	20.0
Benzo[e]pyrene	15.08	3.3	ng	335703	6	15.39	2007720	20.0
.beta.-iso-Methyl...	16.53	7.1	ng	713621	6	15.39	2007720	20.0