

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082418\
 Data File : BF108478.D
 Acq On : 24 Aug 2018 22:02
 Operator : JU/SJ
 Sample : J4581-16
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EP1-Q3-C4

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-BF080818.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	5.242	490	494	500	rBV	82883	95438	3.64%	0.284%
2	5.625	555	559	574	rBV	2266959	2138561	81.50%	6.360%
3	6.619	723	728	739	rBV	2429485	2334834	88.98%	6.944%
4	6.766	749	753	757	rBV	2384383	2294649	87.45%	6.825%
5	6.995	787	792	796	rBV	919704	828003	31.55%	2.463%
6	7.154	815	819	822	rBV	2036421	1694620	64.58%	5.040%
7	7.560	883	888	891	rBV	1680426	1481214	56.45%	4.405%
8	8.283	1006	1011	1014	rBV	1080325	1026141	39.11%	3.052%
9	9.354	1188	1193	1196	rBV	3150605	2624059	100.00%	7.804%
10	9.748	1256	1260	1269	rVB	858752	790752	30.13%	2.352%
11	10.042	1306	1310	1313	rBV2	1350657	1159666	44.19%	3.449%
12	10.072	1313	1315	1319	rVB	101199	90647	3.45%	0.270%
13	10.248	1339	1345	1348	rBV2	42065	47562	1.81%	0.141%
14	10.589	1400	1403	1408	rVB	87466	81802	3.12%	0.243%
15	10.836	1441	1445	1451	rBV	1854817	1732747	66.03%	5.153%
16	10.924	1457	1460	1470	rVB3	24737	45576	1.74%	0.136%
17	11.142	1490	1497	1499	rBV2	30174	44390	1.69%	0.132%
18	11.342	1528	1531	1534	rBV	61479	52643	2.01%	0.157%
19	11.377	1534	1537	1544	rVV4	38302	56455	2.15%	0.168%
20	11.436	1544	1547	1550	rVB	55695	50464	1.92%	0.150%
21	11.536	1560	1564	1566	rBV	1323985	1185945	45.20%	3.527%
22	11.560	1566	1568	1572	rVV	1151602	996675	37.98%	2.964%
23	11.613	1574	1577	1580	rVB	258745	203492	7.75%	0.605%
24	11.765	1599	1603	1607	rBV2	95596	121050	4.61%	0.360%
25	11.871	1618	1621	1624	rVB2	39279	39444	1.50%	0.117%
26	12.042	1646	1650	1652	rBV	287276	266923	10.17%	0.794%
27	12.065	1652	1654	1659	rVV	216539	190865	7.27%	0.568%
28	12.113	1659	1662	1665	rVV	71404	69285	2.64%	0.206%
29	12.154	1665	1669	1671	rVV2	199737	233164	8.89%	0.693%
30	12.171	1671	1672	1676	rVB	101860	82103	3.13%	0.244%
31	12.330	1696	1699	1702	rBV	88396	84779	3.23%	0.252%
32	12.365	1702	1705	1710	rVB	71100	70869	2.70%	0.211%
33	12.483	1723	1725	1728	rBV2	34073	30413	1.16%	0.090%
34	12.589	1739	1743	1746	rBV2	91716	114908	4.38%	0.342%

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35	12.677	1755	1758	1763	rVB2	77002	86615	3.30%	0.258%
36	12.760	1767	1772	1775	rBV	1236131	1124198	42.84%	3.343%
37	12.818	1780	1782	1785	rVB	39320	33727	1.29%	0.100%
38	12.912	1795	1798	1804	rVB3	50498	74782	2.85%	0.222%
39	12.989	1808	1811	1816	rVV	1058847	938668	35.77%	2.792%
40	13.036	1816	1819	1823	rVB2	60518	63990	2.44%	0.190%
41	13.124	1825	1834	1837	rBV	2401711	2315122	88.23%	6.885%
42	13.148	1837	1838	1841	rVB	51585	32510	1.24%	0.097%
43	13.201	1843	1847	1851	rBV3	70424	120993	4.61%	0.360%
44	13.289	1859	1862	1863	rBV2	56262	57058	2.17%	0.170%
45	13.312	1863	1866	1871	rVB3	98610	127674	4.87%	0.380%
46	13.383	1875	1878	1880	rVV	45367	41738	1.59%	0.124%
47	13.418	1880	1884	1887	rVV2	86924	102350	3.90%	0.304%
48	13.512	1897	1900	1903	rBV	48795	42360	1.61%	0.126%
49	13.548	1903	1906	1908	rBV	52690	51676	1.97%	0.154%
50	13.671	1923	1927	1929	rBV2	45616	49447	1.88%	0.147%
51	13.824	1950	1953	1958	rVB	104288	93282	3.55%	0.277%
52	13.936	1967	1972	1975	rBV2	84166	109009	4.15%	0.324%
53	13.965	1975	1977	1979	rVB	66851	49102	1.87%	0.146%
54	14.001	1979	1983	1985	rBV2	84097	95457	3.64%	0.284%
55	14.036	1985	1989	1991	rBV2	89756	106171	4.05%	0.316%
56	14.189	2007	2015	2018	rBV2	1015115	1304017	49.69%	3.878%
57	14.212	2018	2019	2027	rVB	383856	326318	12.44%	0.971%
58	14.295	2031	2033	2035	rBV	40687	35959	1.37%	0.107%
59	14.318	2035	2037	2039	rVB	42879	30024	1.14%	0.089%
60	14.418	2050	2054	2057	rBV2	35205	46819	1.78%	0.139%
61	14.448	2057	2059	2066	rVB3	27954	33992	1.30%	0.101%
62	14.577	2077	2081	2084	rVB	73366	72650	2.77%	0.216%
63	14.612	2084	2087	2088	rBV	37724	39406	1.50%	0.117%
64	14.706	2100	2103	2105	rBV	35870	34764	1.32%	0.103%
65	14.942	2139	2143	2148	rVB2	277164	336449	12.82%	1.001%
66	15.030	2154	2158	2163	rVB	258479	291951	11.13%	0.868%
67	15.101	2165	2170	2177	rVB3	33063	62880	2.40%	0.187%
68	15.271	2195	2199	2203	rBV	266334	438648	16.72%	1.305%
69	15.306	2203	2205	2211	rVB2	155621	167760	6.39%	0.499%
70	15.395	2216	2220	2227	rVB	50384	68535	2.61%	0.204%
71	15.483	2232	2235	2241	rBV3	19759	42829	1.63%	0.127%

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72	15.606	2251	2256	2262	rVB	155197	227674	8.68%	0.677%
73	15.671	2262	2267	2272	rBV	236639	306574	11.68%	0.912%
74	15.742	2272	2279	2283	rVV	572427	816271	31.11%	2.428%
75	15.777	2283	2285	2292	rVB2	70765	93794	3.57%	0.279%
76	16.142	2341	2347	2349	rBV5	22621	44406	1.69%	0.132%
77	16.189	2352	2355	2363	rVB3	50847	89649	3.42%	0.267%
78	16.742	2444	2449	2454	rBV4	31165	51986	1.98%	0.155%
79	17.342	2545	2551	2563	rBV2	101775	236094	9.00%	0.702%
80	17.542	2578	2585	2590	rBV	29462	63069	2.40%	0.188%
81	17.600	2592	2595	2601	rVB3	19443	38693	1.47%	0.115%
82	17.836	2629	2635	2651	rVB	78730	192900	7.35%	0.574%
83	18.100	2674	2680	2686	rBV2	19599	53322	2.03%	0.159%

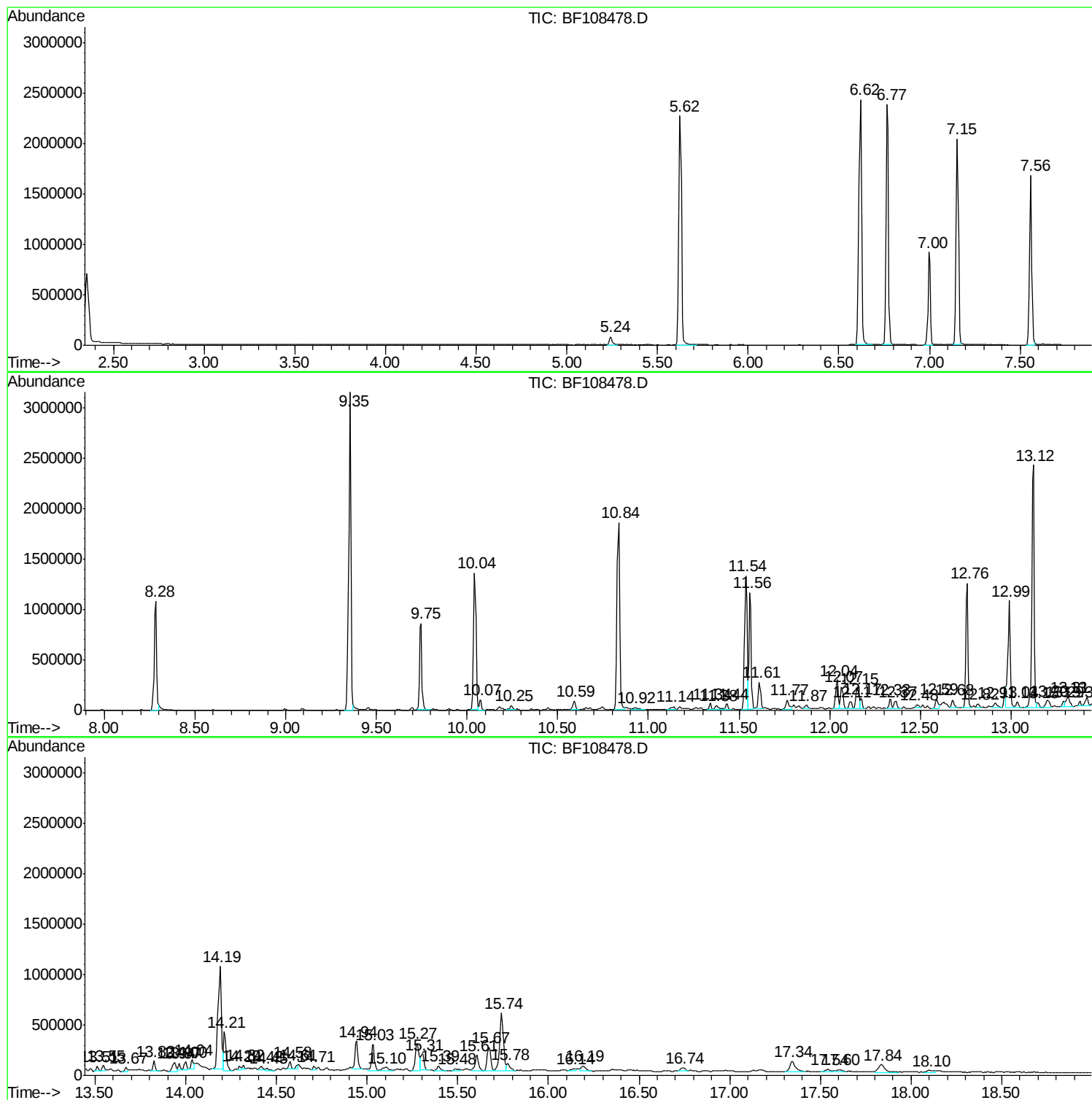
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Instrument :
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ClientSampled :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF080818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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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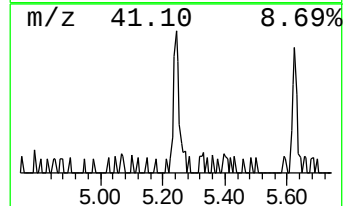
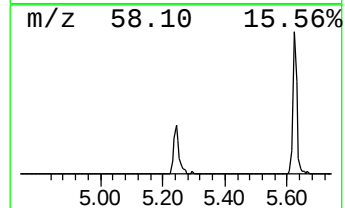
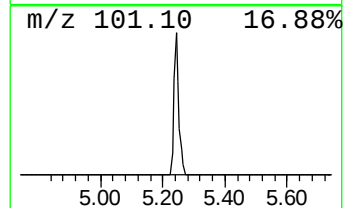
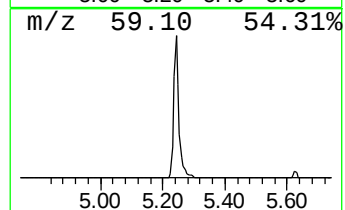
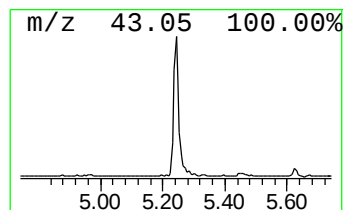
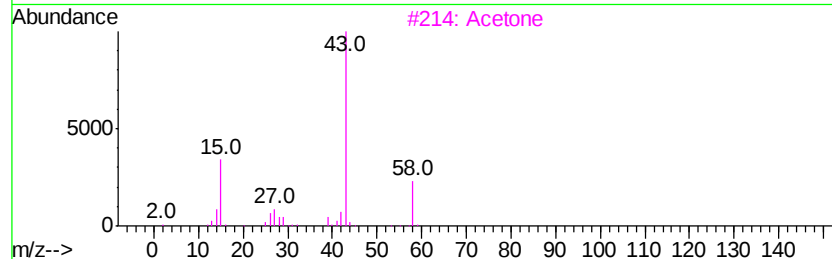
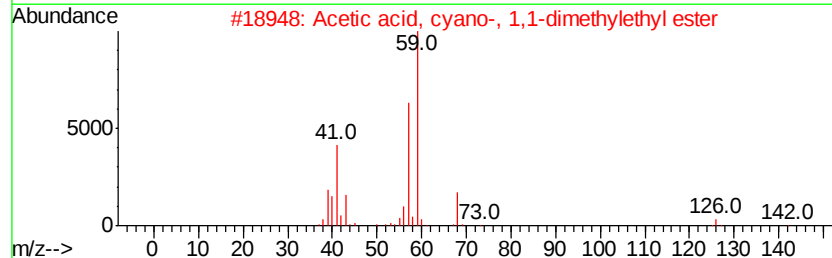
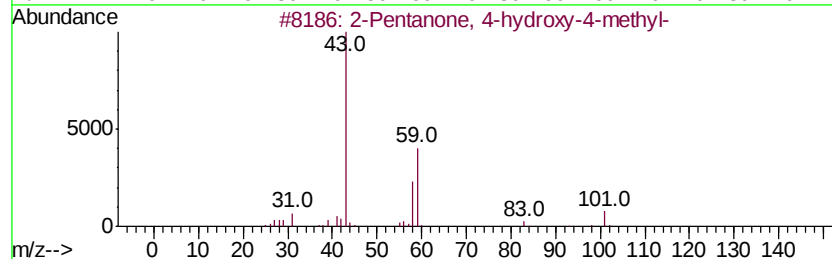
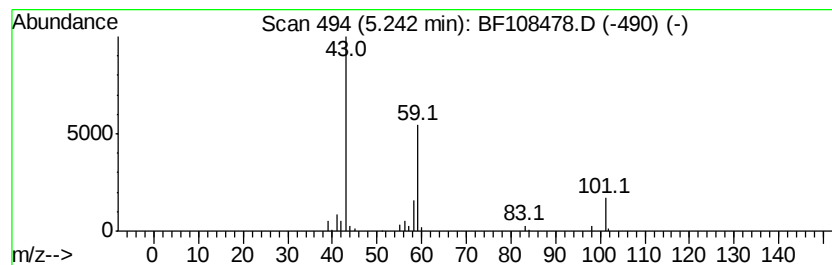
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF080818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.24	2.31 ng	95438	1,4-Dichlorobenzene-d4	7.00

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2		Acetic acid, cyano-, 1,1-dimethyl...	141	C7H11NO2	001116-98-9	25
3		Acetone	58	C3H6O	000067-64-1	12
4		Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9
5		5-Hexen-2-one	98	C6H10O	000109-49-9	9



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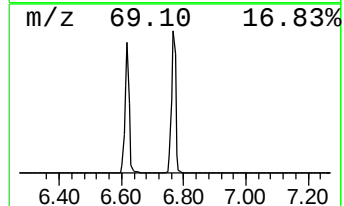
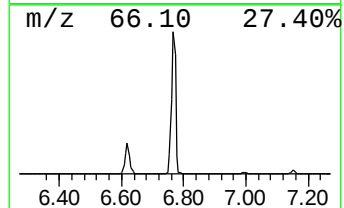
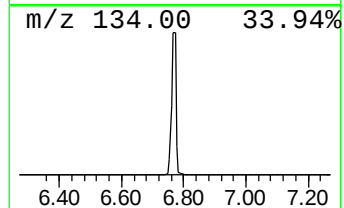
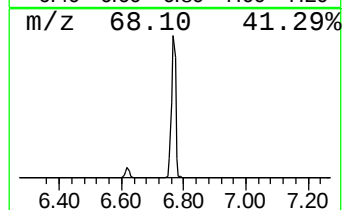
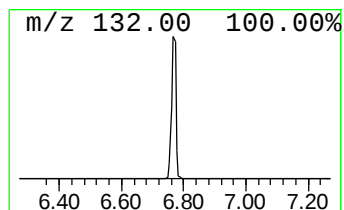
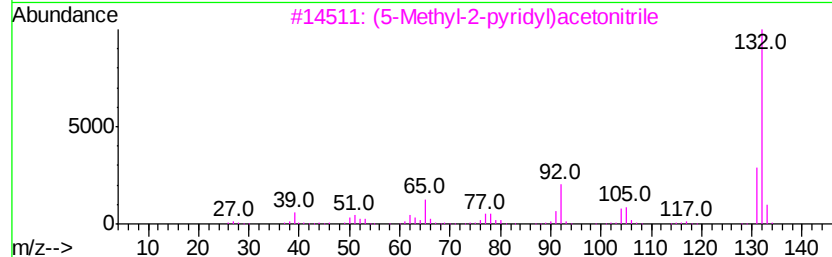
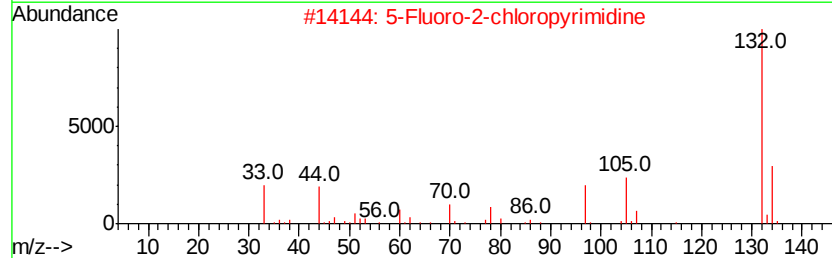
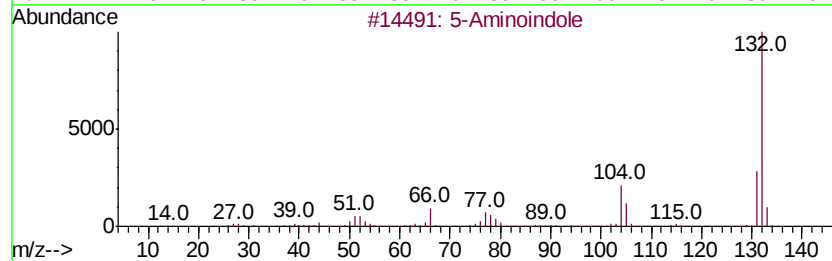
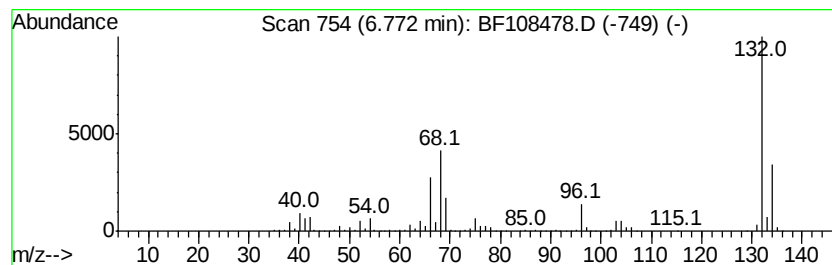
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TIC Integration Parameters: LSCINT.P

Peak Number 2 unknown6.77 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.77	55.43 ng	2294650	1,4-Dichlorobenzene-d4	7.00

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	5-Aminoindole	132	C8H8N2	005192-03-0	27
2		5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	12
3		(5-Methyl-2-pyridyl)acetonitrile	132	C8H8N2	1000241-93-9	10
4		Tranvlcypromine-propionyl	189	C12H15NO	1000123-86-3	10
5		Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9



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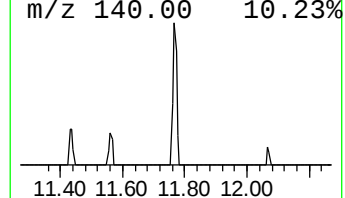
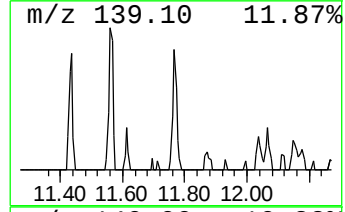
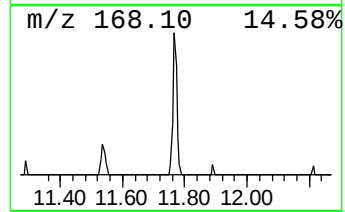
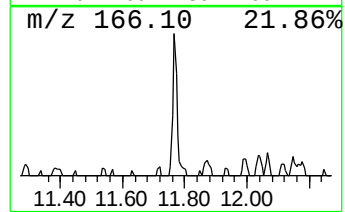
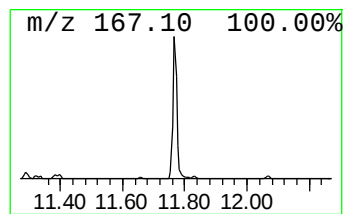
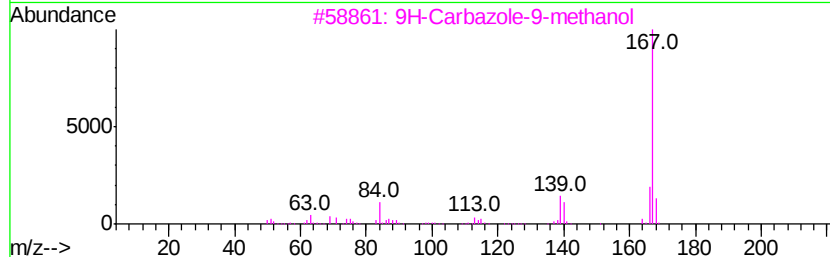
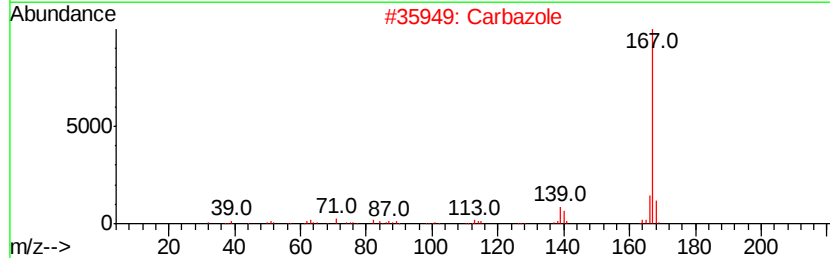
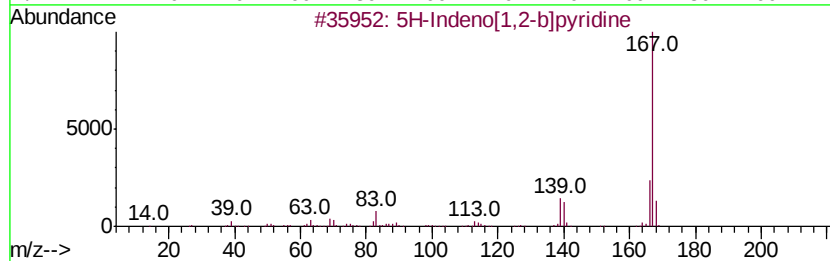
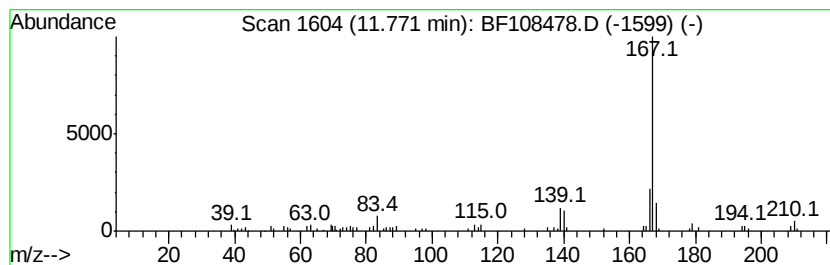
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 5H-Indeno[1,2-b]pyridine Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.77	2.04 ng	121050	Phenanthrene-d10	11.54

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	5H-Indeno[1,2-b]pyridine	167	C12H9N	000244-99-5	94
2		Carbazole	167	C12H9N	000086-74-8	90
3		9H-Carbazole-9-methanol	197	C13H11NO	002409-36-1	87
4		9H-Carbazole, 9-nitroso-	196	C12H8N2O	002788-23-0	86
5		D-Galactitol, 2-(acetylmethylami...	363	C16H29NO8	074410-42-7	86



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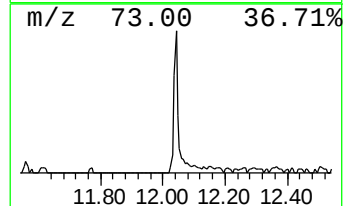
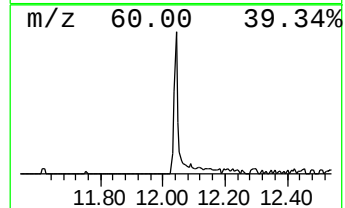
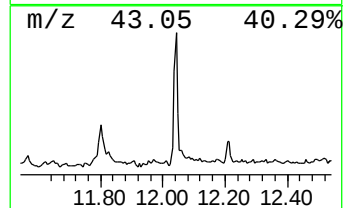
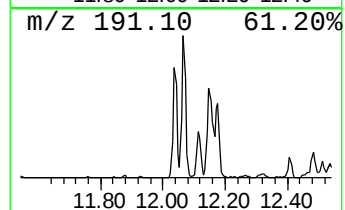
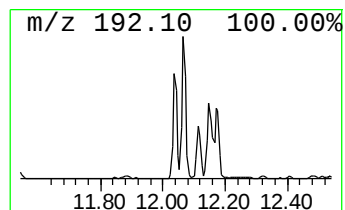
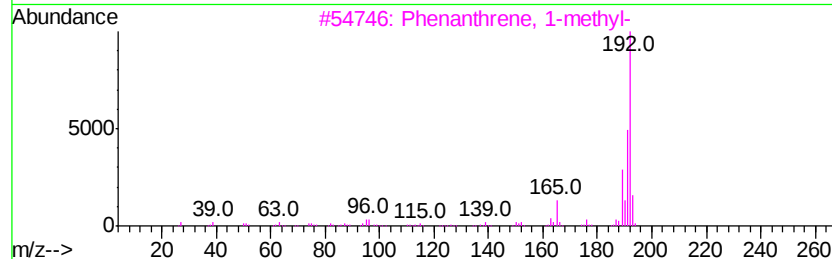
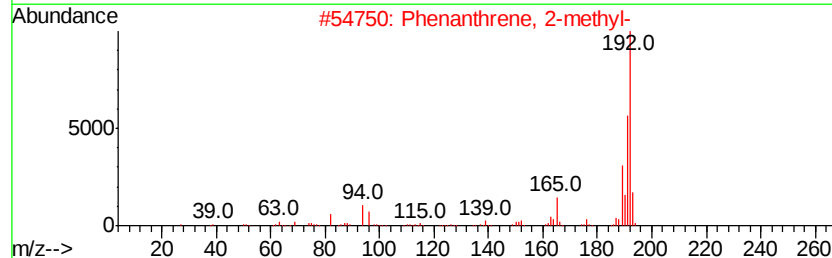
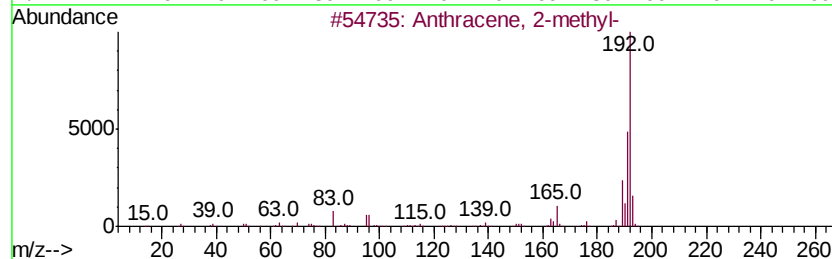
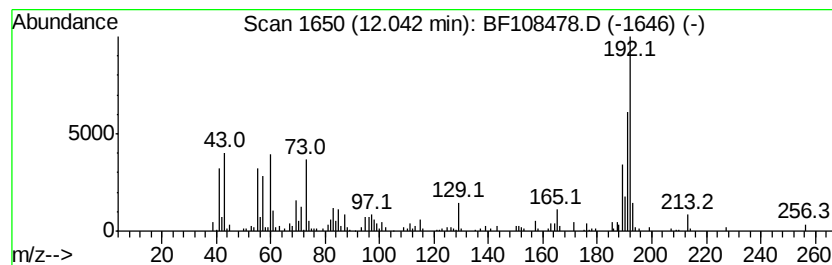
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Anthracene, 2-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.04	4.50 ng	266923	Phenanthrene-d10	11.54

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Anthracene, 2-methyl-	192	C15H12	000613-12-7	95
2		Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	92
3		Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	92
4		Anthracene, 1-methyl-	192	C15H12	000610-48-0	90
5		1H-Cyclopropa[1]phenanthrene, 1a, ...	192	C15H12	000949-41-7	70



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082418\
Data File : BF108478.D
Acq On : 24 Aug 2018 22:02
Operator : JU/SJ
Sample : J4581-16
Misc :
ALS Vial : 19 Sample Multiplier: 1

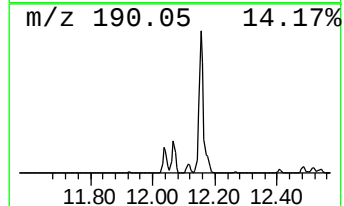
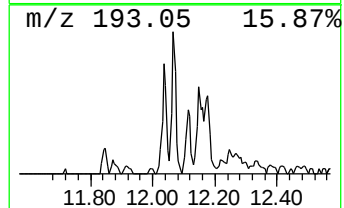
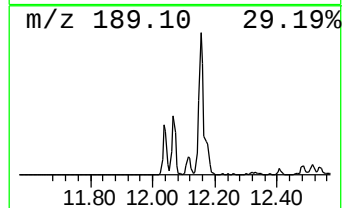
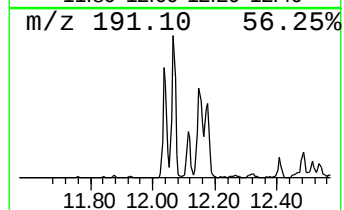
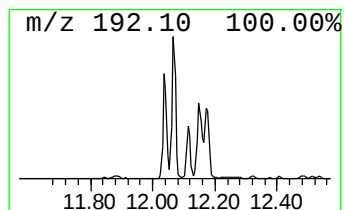
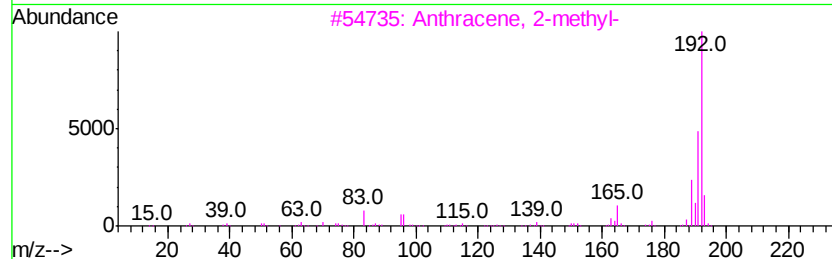
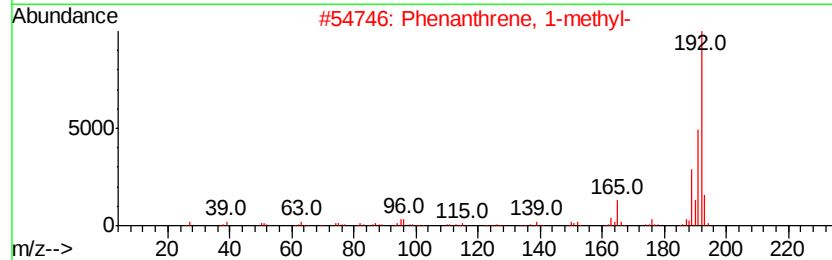
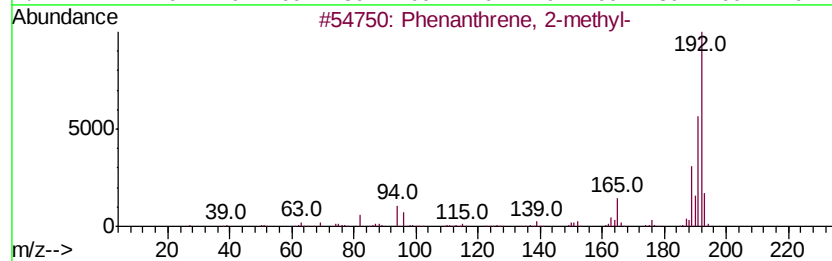
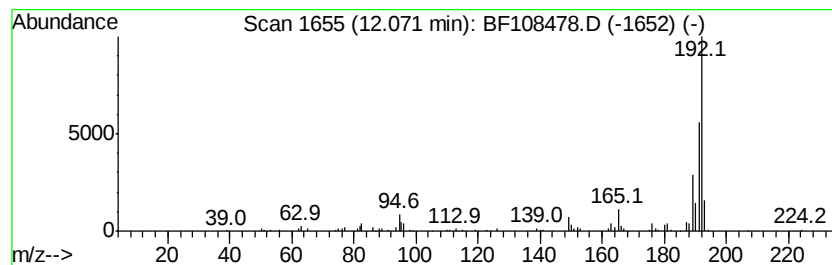
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ClientSampleId :
EP1-Q3-C4

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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 Phenanthrene, 2-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.	
12.07	3.22 ng	190865	Phenanthrene-d10	11.54	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	98
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	97
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
4	1H-Indene, 1-phenyl-	192	C15H12	001961-96-2	94
5	1H-Cyclopropa[1]phenanthrene, 1a, ...	192	C15H12	000949-41-7	94



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082418\
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Sample : J4581-16
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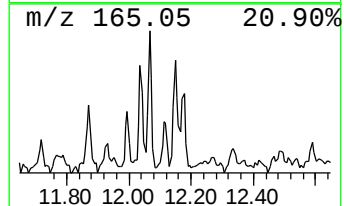
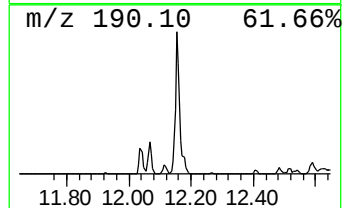
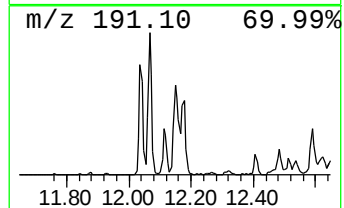
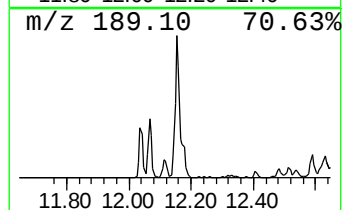
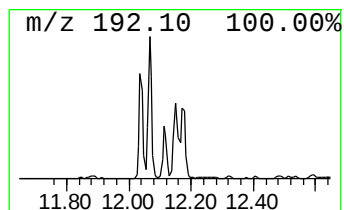
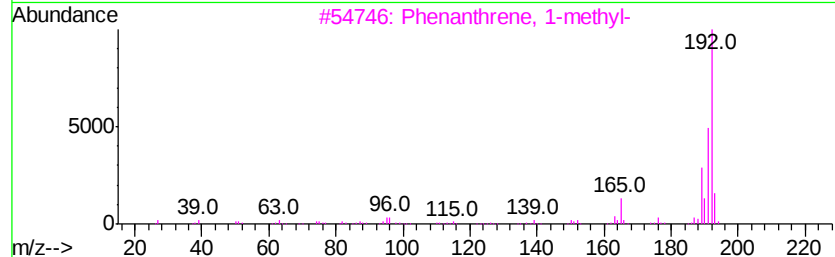
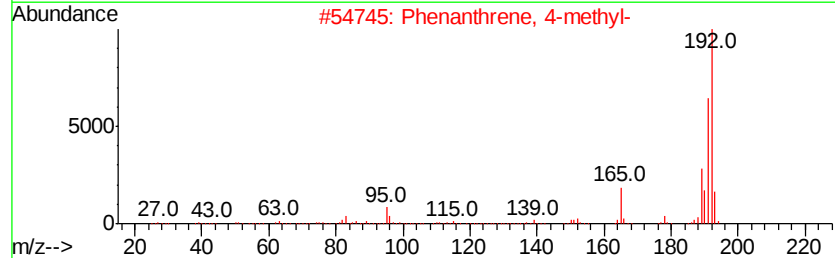
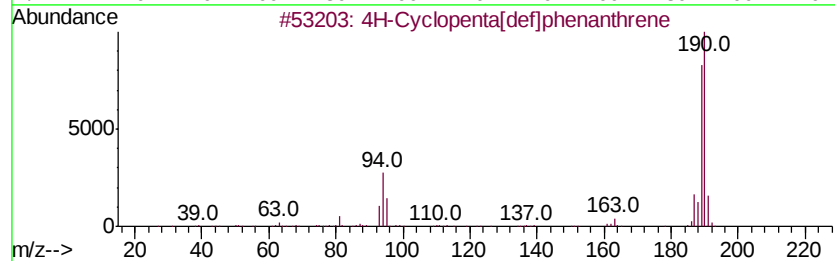
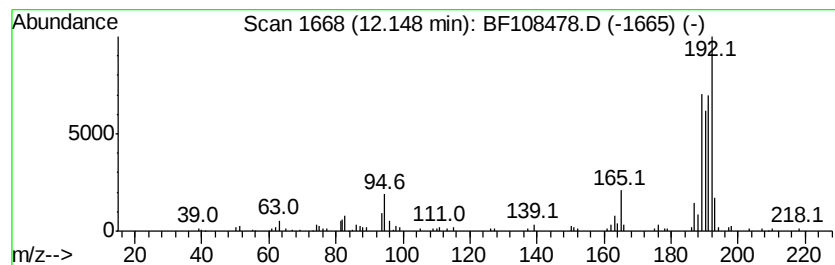
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 4H-Cyclopenta[def]phenanthrene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.	
12.15	3.93 ng	233164	Phenanthrene-d10	11.54	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	64
2	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	35
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	25
4	Anthracene, 1-methyl-	192	C15H12	000610-48-0	20
5	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	20



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082418\
Data File : BF108478.D
Acq On : 24 Aug 2018 22:02
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Sample : J4581-16
Misc :
ALS Vial : 19 Sample Multiplier: 1

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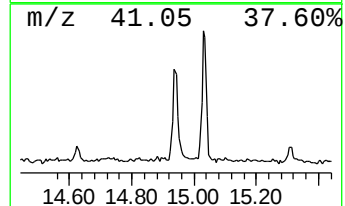
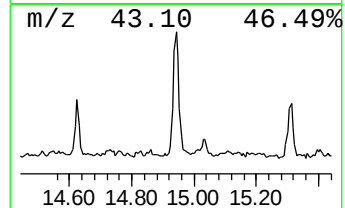
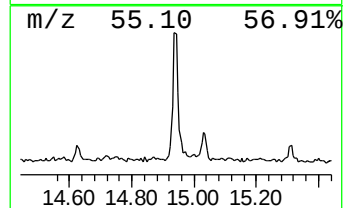
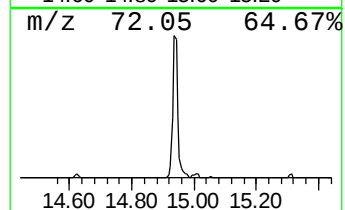
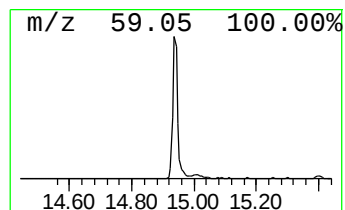
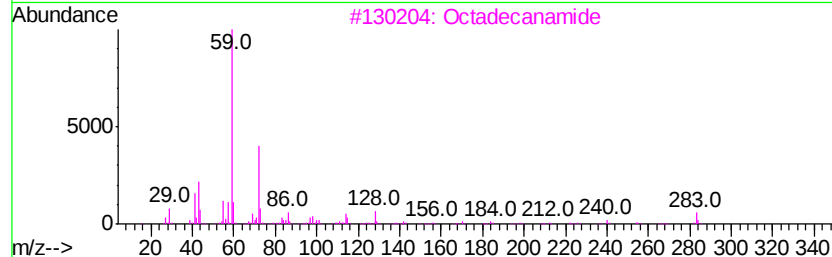
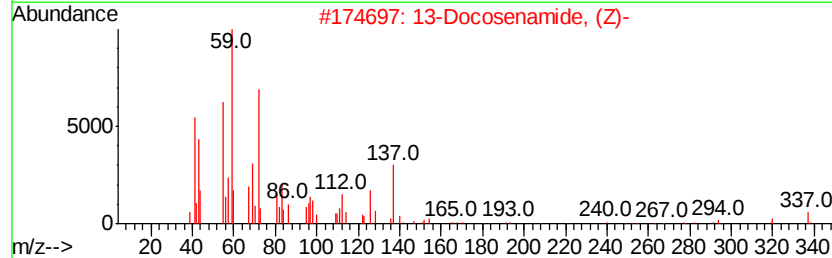
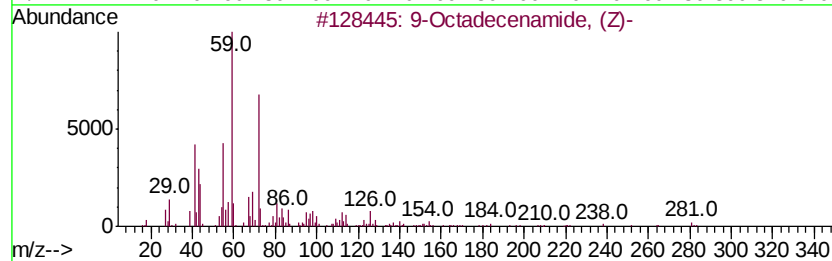
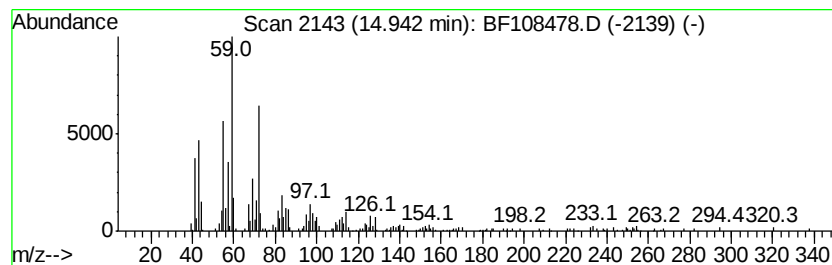
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 9-Octadecenamide, (Z)- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.94	5.16 ng	336449	Chrysene-d12	14.19

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	90
2		13-Docosenamide, (Z)-	337	C22H43NO	000112-84-5	87
3		Octadecanamide	283	C18H37NO	000124-26-5	64
4		4-Cyclohexylbutyramide	169	C10H19NO	004441-62-7	50
5		Methyl 17-methoxy-10-methoxycarb...	386	C22H42O5	1000110-20-7	38



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082418\
Data File : BF108478.D
Acq On : 24 Aug 2018 22:02
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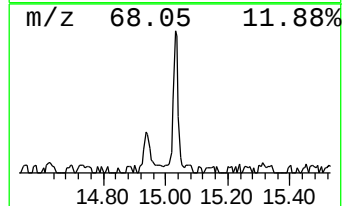
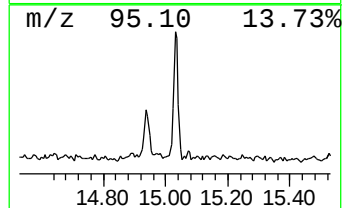
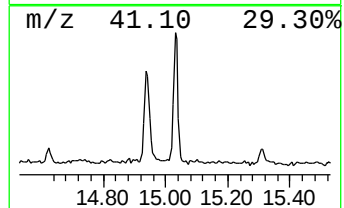
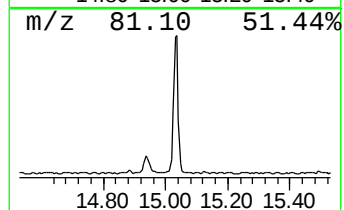
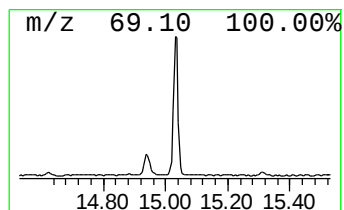
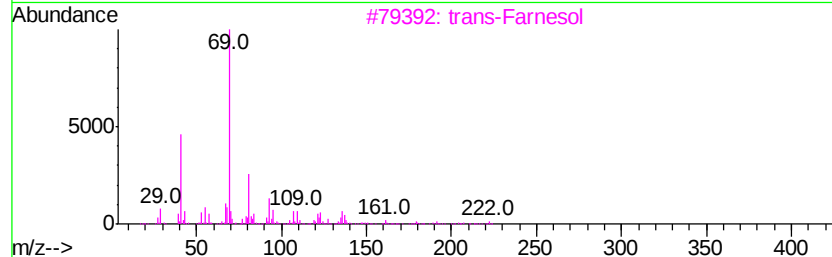
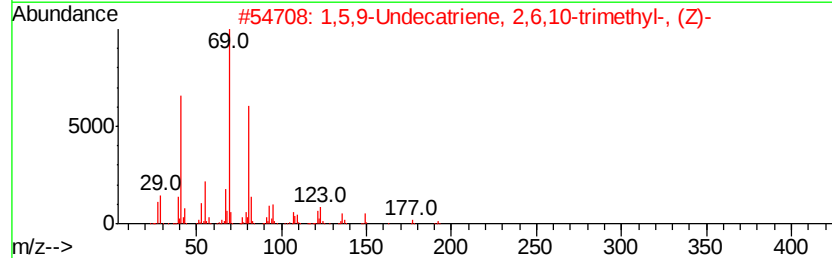
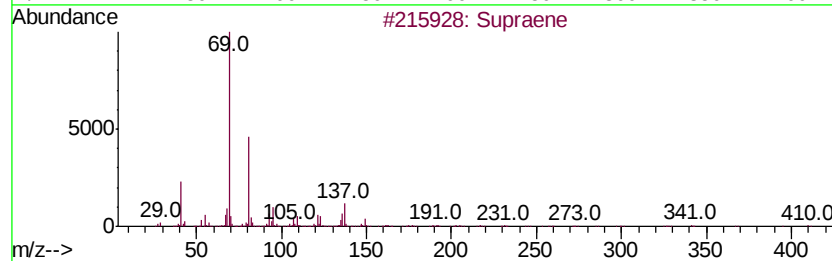
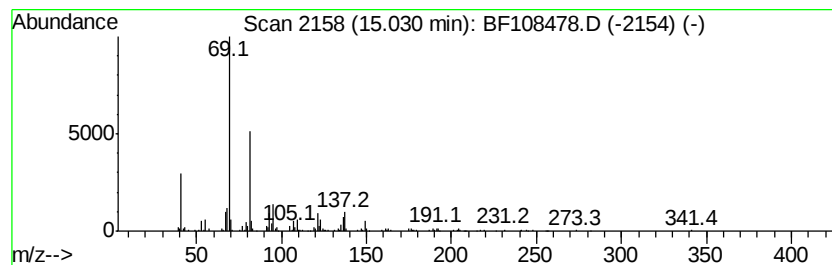
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Supraene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.03	7.15 ng	291951	Perylene-d12	15.74

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Supraene	410	C30H50	007683-64-9	91
2		1,5,9-Undecatriene, 2,6,10-trime...	192	C14H24	062951-96-6	86
3		trans-Farnesol	222	C15H26O	000106-28-5	72
4		1,5-Heptadiene, 3,3,6-trimethyl-	138	C10H18	035387-63-4	52
5		2,6-Octadiene, 2,6-dimethyl-	138	C10H18	002792-39-4	50



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082418\
Data File : BF108478.D
Acq On : 24 Aug 2018 22:02
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ALS Vial : 19 Sample Multiplier: 1

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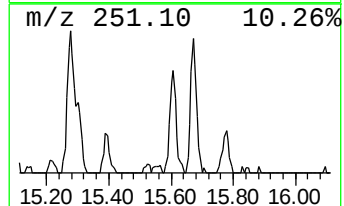
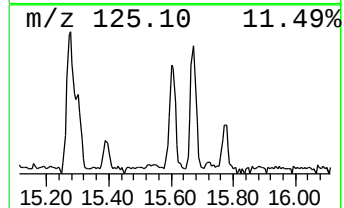
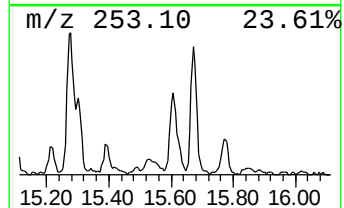
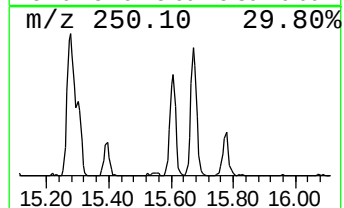
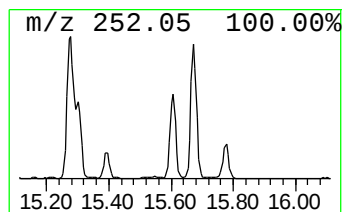
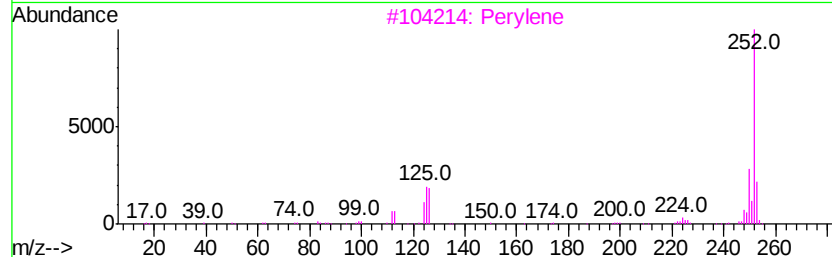
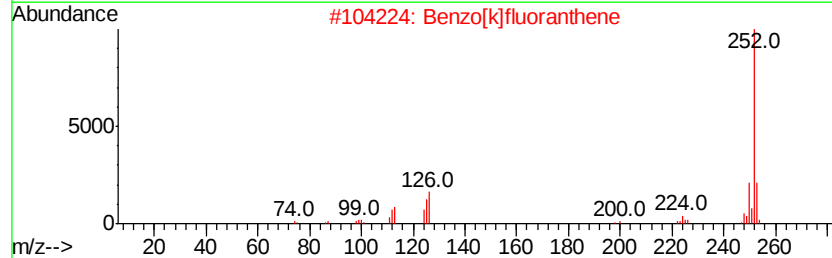
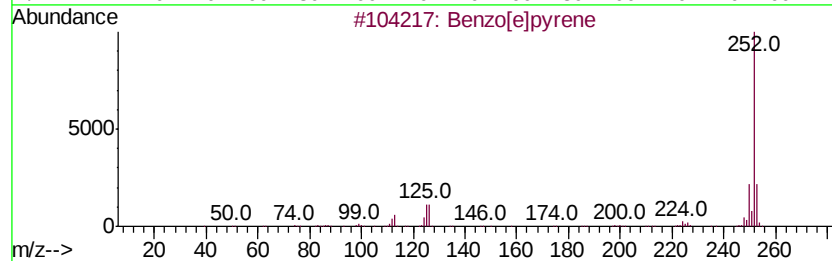
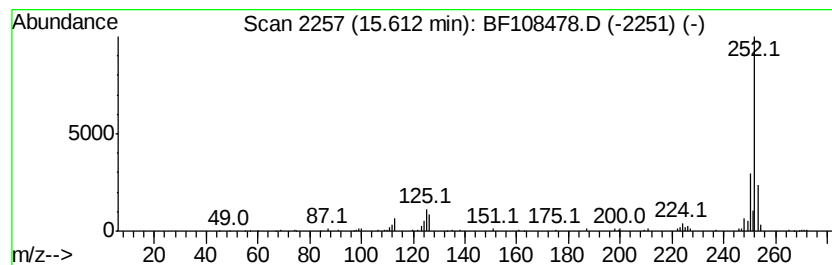
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Benzo[e]pyrene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.61	5.58 ng	227674	Perylene-d12	15.74

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzo[e]pyrene	252	C20H12	000192-97-2	98
2			Benzo[k]fluoranthene	252	C20H12	000207-08-9	98
3			Perylene	252	C20H12	000198-55-0	95
4			Benzo[a]pyrene	252	C20H12	000050-32-8	93
5			Benz[e]acephenanthrylene	252	C20H12	000205-99-2	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082418\
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ALS Vial : 19 Sample Multiplier: 1

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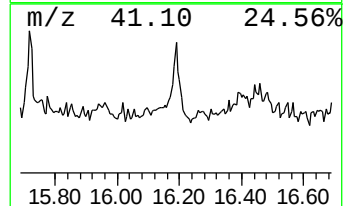
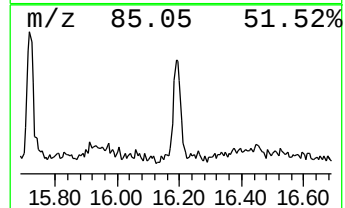
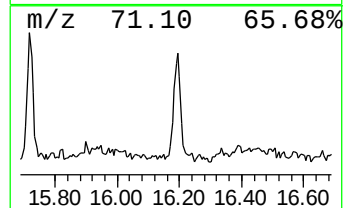
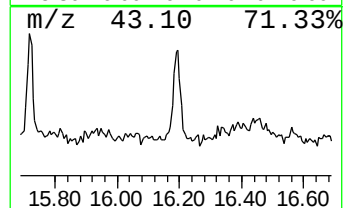
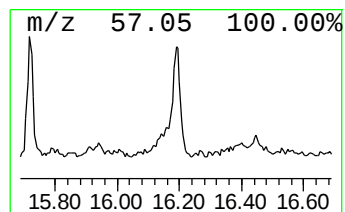
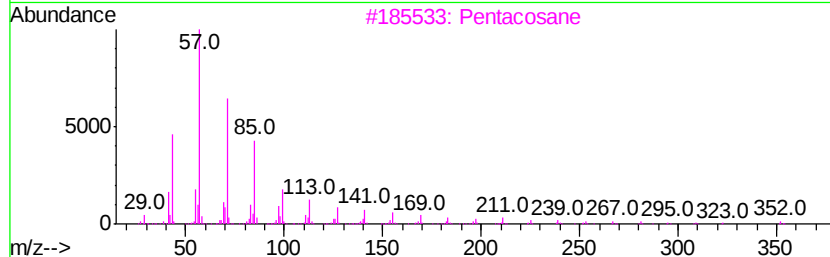
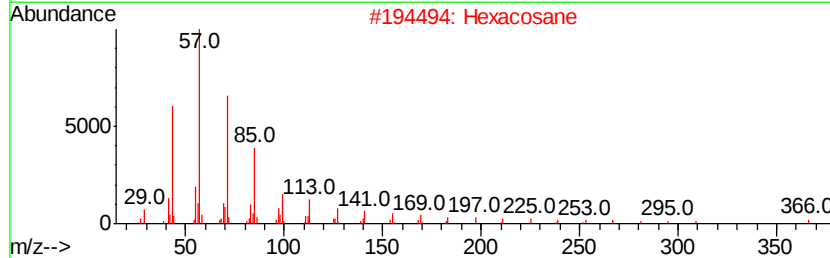
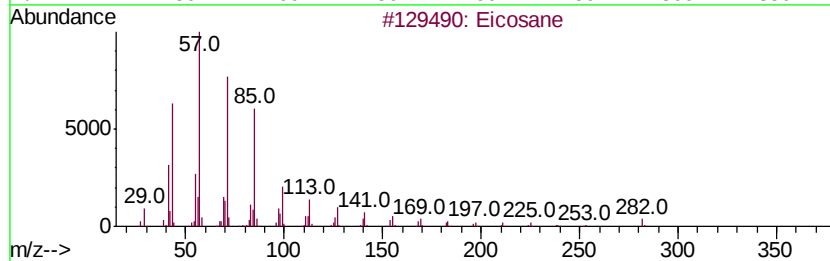
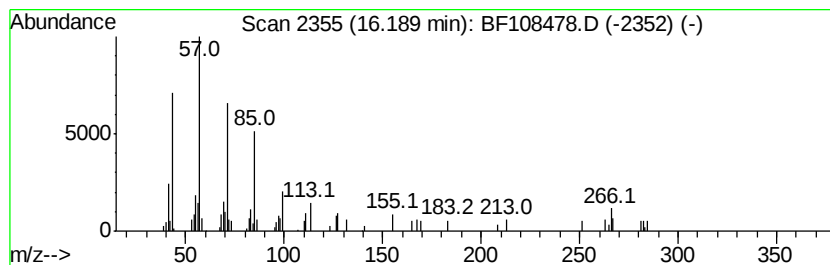
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Eicosane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.19	2.20 ng	89649	Perylene-d12	15.74

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Eicosane	282	C20H42	000112-95-8	89
2		Hexacosane	366	C26H54	000630-01-3	62
3		Pentacosane	352	C25H52	000629-99-2	62
4		Octacosane	394	C28H58	000630-02-4	58
5		Octadecane	254	C18H38	000593-45-3	58



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF082418\
Data File : BF108478.D
Acq On : 24 Aug 2018 22:02
Operator : JU/SJ
Sample : J4581-16
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EP1-Q3-C4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF080818.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...	5.24	2.3	ng	95438	1	7.00	828003	20.0
unknown6.77	6.77	55.4	ng	2294650	1	7.00	828003	20.0
5H-Indeno[1,2-b]p...	11.77	2.0	ng	121050	4	11.54	1185950	20.0
Anthracene, 2-met...	12.04	4.5	ng	266923	4	11.54	1185950	20.0
Phenanthrene, 2-m...	12.07	3.2	ng	190865	4	11.54	1185950	20.0
4H-Cyclopenta[def...	12.15	3.9	ng	233164	4	11.54	1185950	20.0
9-Octadecenamide, ...	14.94	5.2	ng	336449	5	14.19	1304020	20.0
Supraene	15.03	7.2	ng	291951	6	15.74	816271	20.0
Benzo[e]pyrene	15.61	5.6	ng	227674	6	15.74	816271	20.0
Eicosane	16.19	2.2	ng	89649	6	15.74	816271	20.0