

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080318\
 Data File : BF107958.D
 Acq On : 4 Aug 2018 00:31
 Operator : JU/SJ
 Sample : J4298-02 2X
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-2

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-BF073018.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	5.172	478	482	500	rBV	121959	197100	10.90%	0.814%
2	5.601	551	555	570	rBV2	128395	532535	29.44%	2.200%
3	6.607	722	726	743	rBV2	199108	821664	45.42%	3.394%
4	6.731	743	747	781	rVV	528168	1443878	79.81%	5.964%
5	6.954	781	785	807	rVV	270939	680652	37.63%	2.811%
6	7.101	807	810	828	rVV	538186	860449	47.56%	3.554%
7	7.531	878	883	903	rBV	134103	570047	31.51%	2.354%
8	8.231	999	1002	1031	rBV	485978	1020882	56.43%	4.217%
9	9.301	1181	1184	1207	rBV	799708	1233057	68.16%	5.093%
10	9.701	1246	1252	1261	rVB	81747	120864	6.68%	0.499%
11	9.989	1297	1301	1305	rBV	825390	874394	48.33%	3.611%
12	10.019	1305	1306	1323	rVB	130325	195800	10.82%	0.809%
13	10.548	1392	1396	1402	rBV	40931	69977	3.87%	0.289%
14	10.695	1417	1421	1427	rVB4	12928	20318	1.12%	0.084%
15	10.789	1433	1437	1449	rBV	357563	648048	35.82%	2.677%
16	10.866	1449	1450	1455	rVB4	18316	23941	1.32%	0.099%
17	11.089	1481	1488	1497	rBV4	13775	44671	2.47%	0.185%
18	11.330	1522	1529	1535	rBV4	78647	108744	6.01%	0.449%
19	11.389	1535	1539	1547	rVV	39996	55894	3.09%	0.231%
20	11.489	1552	1556	1558	rBV	589243	706066	39.03%	2.916%
21	11.513	1558	1560	1567	rVV	690513	944264	52.20%	3.900%
22	11.572	1567	1570	1593	rVB	131162	345032	19.07%	1.425%
23	11.748	1593	1600	1602	rBV5	35280	57831	3.20%	0.239%
24	11.989	1638	1641	1644	rBV	74274	98898	5.47%	0.408%
25	12.024	1644	1647	1652	rVB2	76953	109441	6.05%	0.452%
26	12.101	1657	1660	1668	rVV2	98734	173861	9.61%	0.718%
27	12.289	1686	1692	1695	rBV	44493	62836	3.47%	0.260%
28	12.330	1695	1699	1702	rVV4	22309	36653	2.03%	0.151%
29	12.542	1731	1735	1739	rBV	35052	52479	2.90%	0.217%
30	12.636	1747	1751	1755	rBV2	35193	48296	2.67%	0.199%
31	12.707	1759	1763	1773	rBV	1197040	1526773	84.40%	6.306%
32	12.860	1786	1789	1795	rVB	30373	48161	2.66%	0.199%
33	12.936	1795	1802	1809	rBV	1087886	1527028	84.41%	6.307%
34	13.066	1820	1824	1835	rBV	742419	994528	54.98%	4.108%

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Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

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35	13.154	1835	1839	1846	rVB3	63631	119895	6.63%	0.495%
36	13.248	1850	1855	1856	rBV3	42987	64120	3.54%	0.265%
37	13.266	1856	1858	1866	rVB	96754	128102	7.08%	0.529%
38	13.330	1866	1869	1872	rBV2	65639	88126	4.87%	0.364%
39	13.371	1873	1876	1883	rVB4	71611	134333	7.43%	0.555%
40	13.460	1888	1891	1894	rBV	39175	45010	2.49%	0.186%
41	13.495	1894	1897	1900	rVV4	37192	40217	2.22%	0.166%
42	13.536	1901	1904	1907	rVB2	34071	33487	1.85%	0.138%
43	13.783	1943	1946	1953	rBV	48799	79387	4.39%	0.328%
44	13.889	1961	1964	1966	rBV	80118	92505	5.11%	0.382%
45	13.913	1966	1968	1971	rVV	110499	141787	7.84%	0.586%
46	13.942	1971	1973	1980	rVV3	105566	239781	13.25%	0.990%
47	13.995	1980	1982	1988	rVB	70124	104930	5.80%	0.433%
48	14.083	1994	1997	2000	rBV	235850	193094	10.67%	0.798%
49	14.142	2000	2007	2010	rVV2	1017497	1809032	100.00%	7.472%
50	14.165	2010	2011	2022	rVV	642781	833398	46.07%	3.442%
51	14.248	2022	2025	2030	rVB	118946	145081	8.02%	0.599%
52	14.360	2041	2044	2047	rBV	50475	68081	3.76%	0.281%
53	14.530	2071	2073	2076	rVB	50800	43537	2.41%	0.180%
54	15.218	2185	2190	2206	rBV	489159	1408864	77.88%	5.819%
55	15.542	2241	2245	2252	rBV	223986	361818	20.00%	1.494%
56	15.612	2252	2257	2263	rVV	296691	589671	32.60%	2.436%
57	15.677	2263	2268	2283	rVB2	378214	911398	50.38%	3.764%
58	17.259	2532	2537	2548	rVB2	106556	280707	15.52%	1.159%

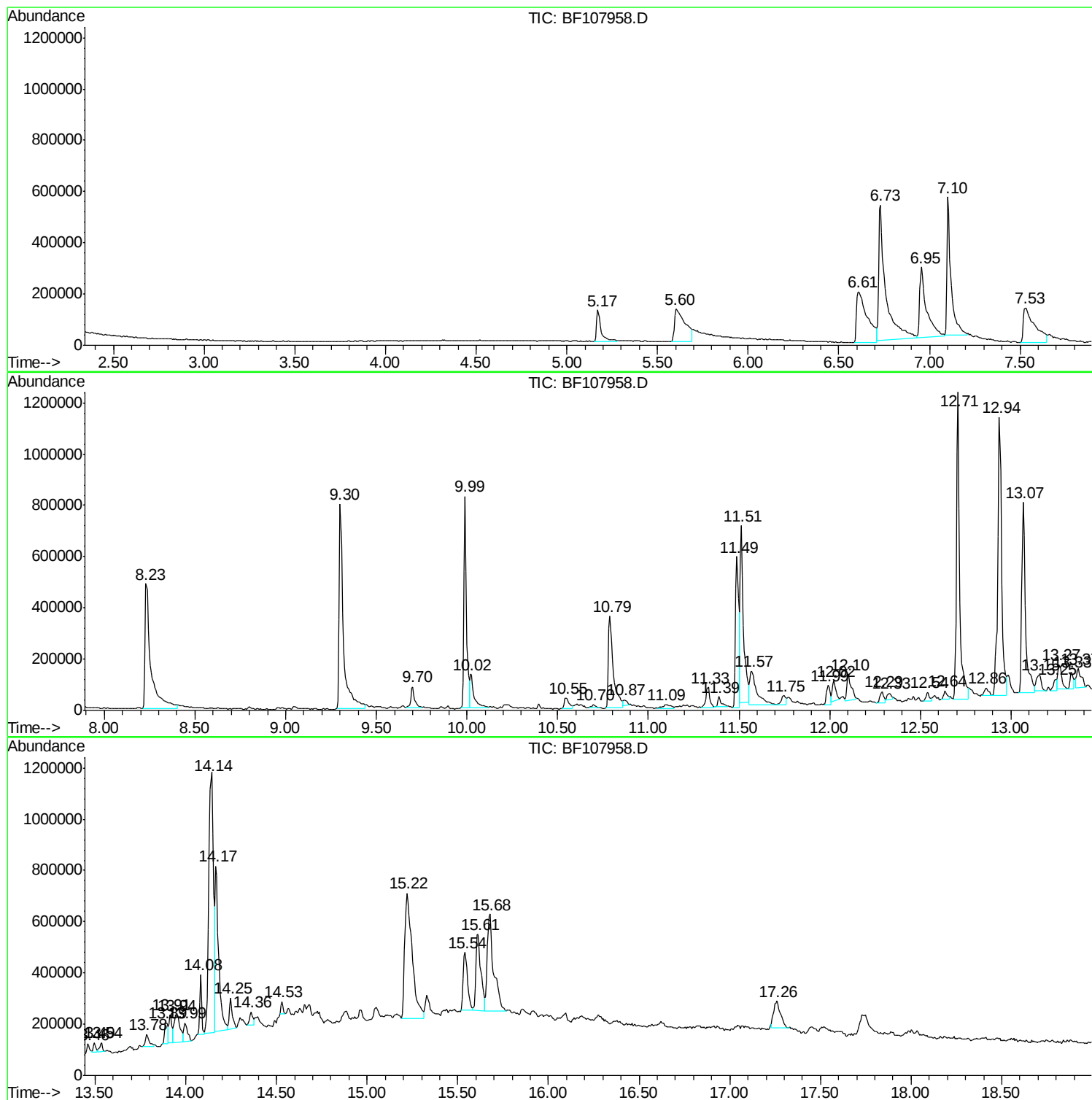
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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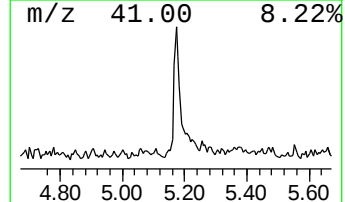
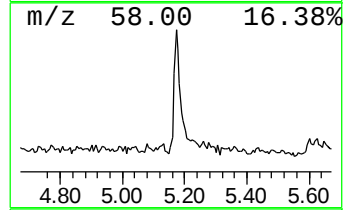
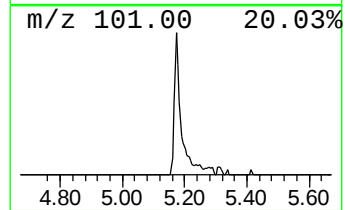
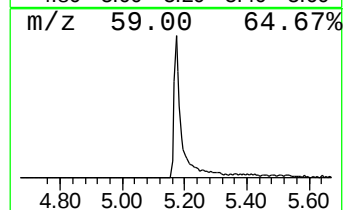
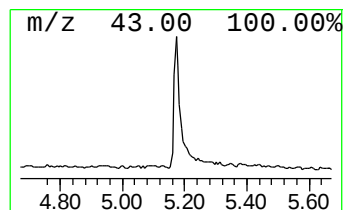
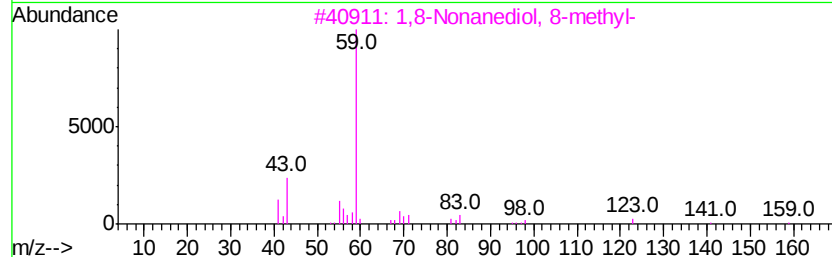
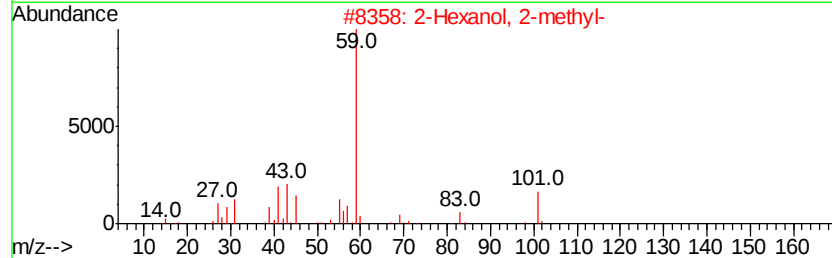
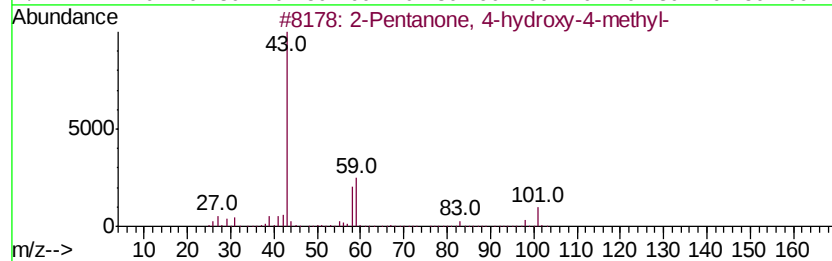
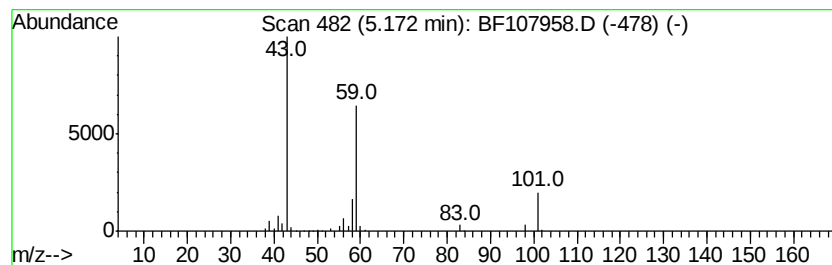
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF073018.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.17	5.79 ng	197100	1,4-Dichlorobenzene-d4	6.95

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2			2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	28
3			1,8-Nonanediol, 8-methyl-	174	C10H22O2	054725-73-4	25
4			Acetic acid, cyano-, 1,1-dimethyl...	141	C7H11NO2	001116-98-9	23
5			5-Hexen-2-one	98	C6H10O	000109-49-9	10



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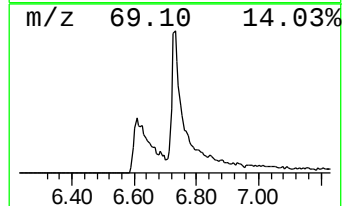
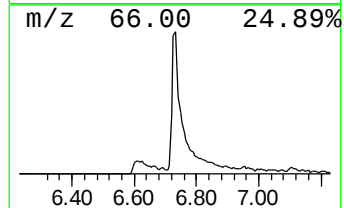
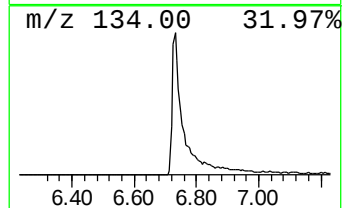
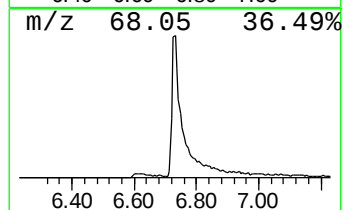
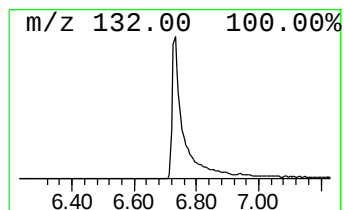
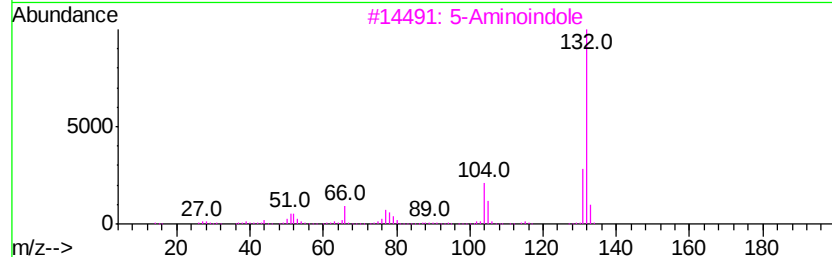
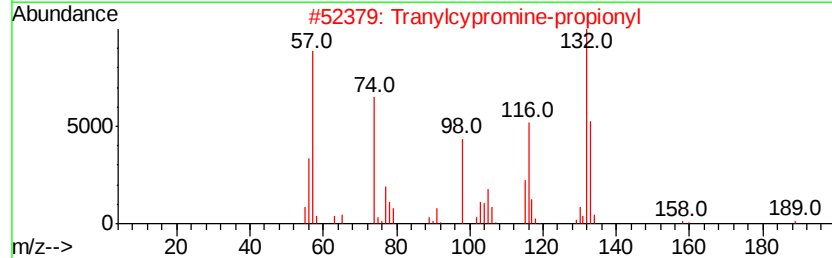
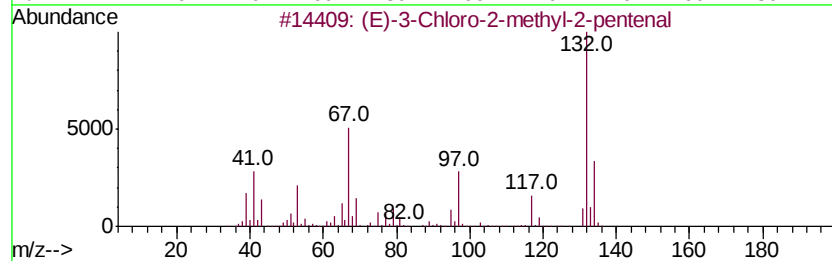
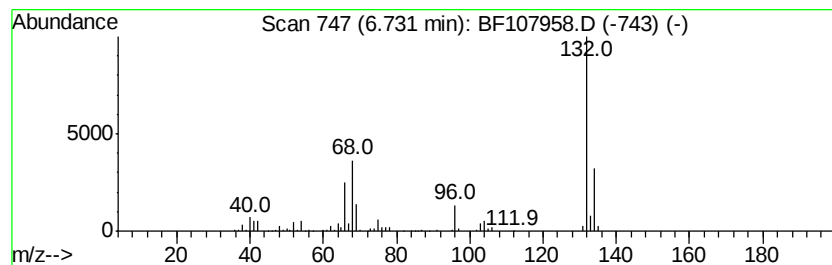
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF073018.M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 unknown6.73 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.73	42.43 ng	1443880	1,4-Dichlorobenzene-d4	6.95

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	25
2		Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	12
3		5-Aminoindole	132	C8H8N2	005192-03-0	12
4		1,3,5-Trifluorobenzene	132	C6H3F3	000372-38-3	9
5		1-Aminoindan	133	C9H11N	034698-41-4	9



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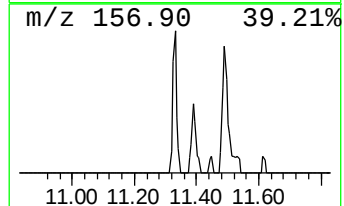
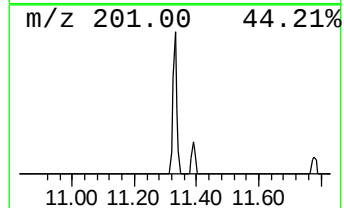
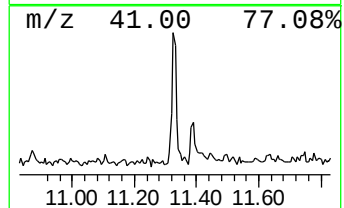
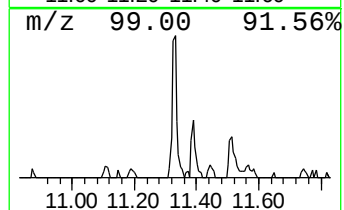
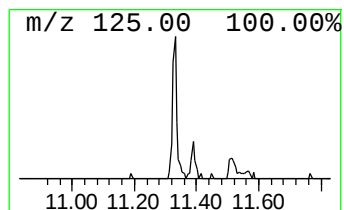
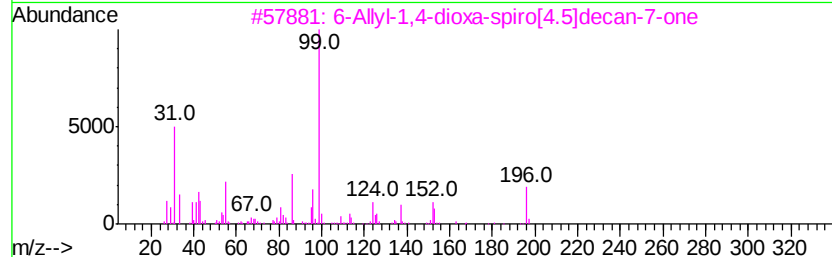
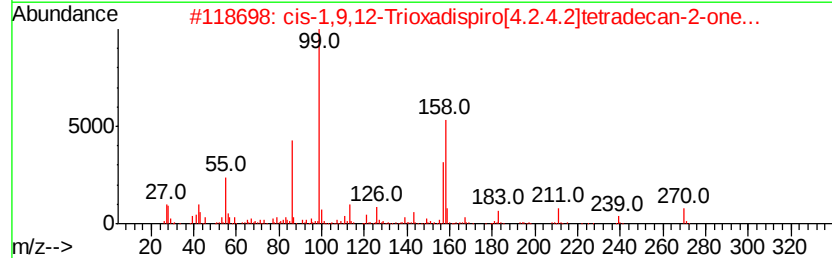
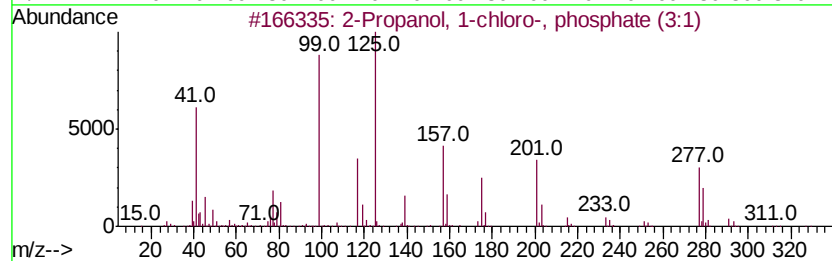
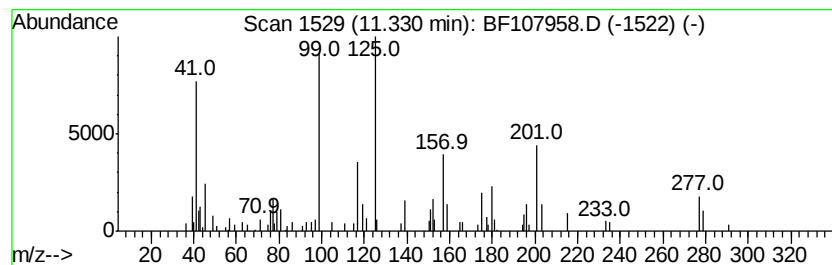
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 2-Propanol, 1-chloro-, phos... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.33	3.08 ng	108744	Phenanthrene-d10	11.49

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Propanol, 1-chloro-, phosphate...	326	C9H18Cl3O4P	013674-84-5	87
2			cis-1,9,12-Trioxadispiro[4.2.4.2]...	270	C13H18O6	1000153-27-5	10
3			6-Allyl-1,4-dioxo-spiro[4.5]deca...	196	C11H16O3	1000188-03-4	10
4			6-(2-Formylheptyl)-1,2-dihydro-3...	237	C13H19NO3	024322-08-5	10
5			9,9-Ethylenedioxybicyclo[3.3.1]n...	196	C11H16O3	1000195-65-2	9



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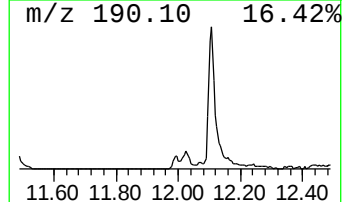
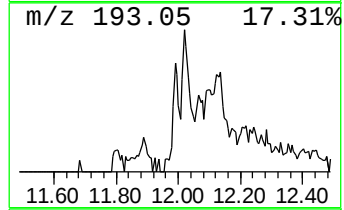
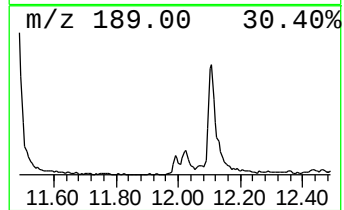
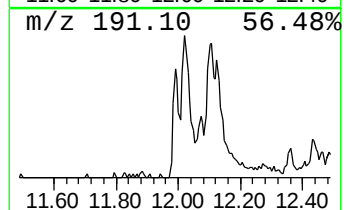
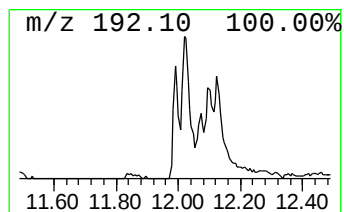
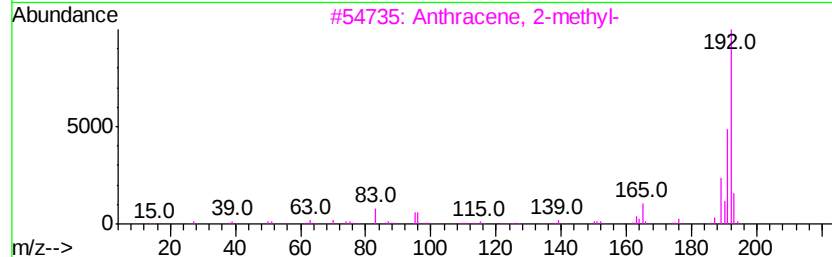
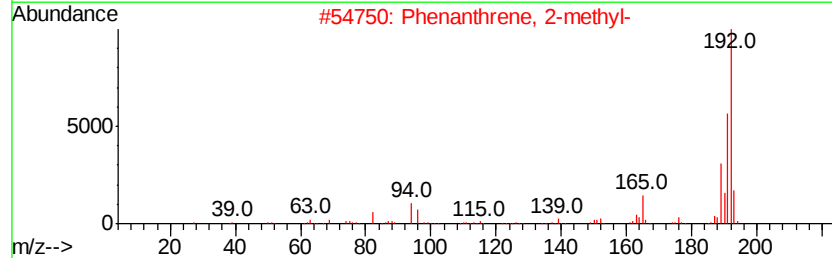
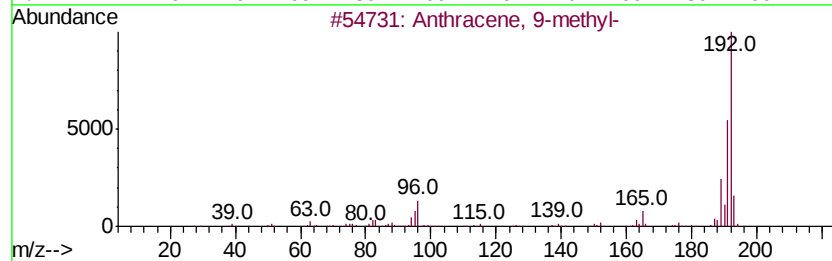
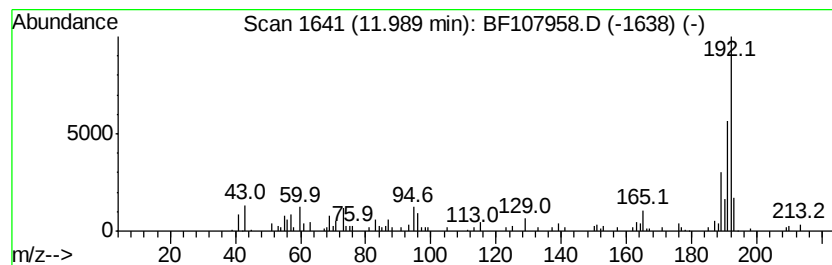
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 5 Anthracene, 9-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.99	2.80 ng	98898	Phenanthrene-d10	11.49

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Anthracene, 9-methyl-	192	C15H12	000779-02-2	93
2		Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	90
3		Anthracene, 2-methyl-	192	C15H12	000613-12-7	89
4		Naphtho[2,3-b]norbornadiene	192	C15H12	107426-38-0	76
5		Anthracene, 1-methyl-	192	C15H12	000610-48-0	76



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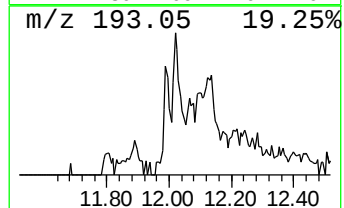
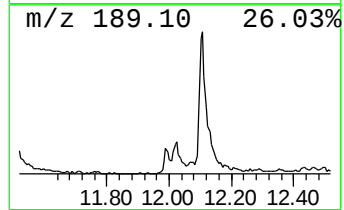
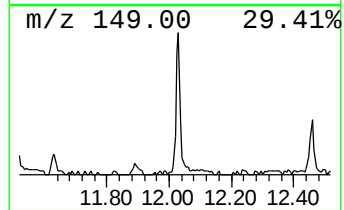
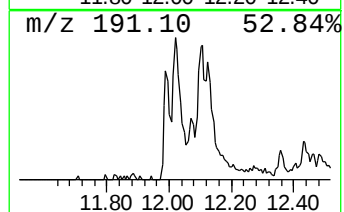
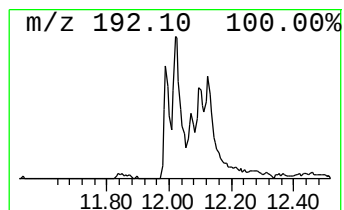
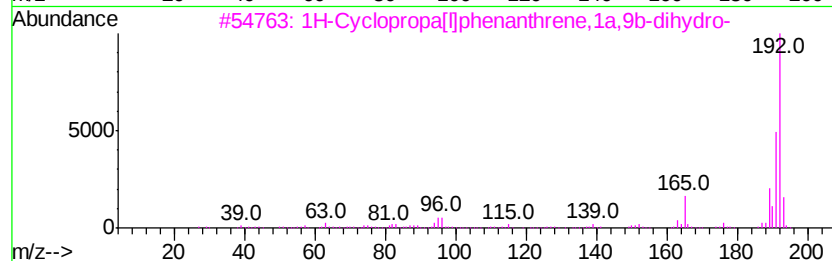
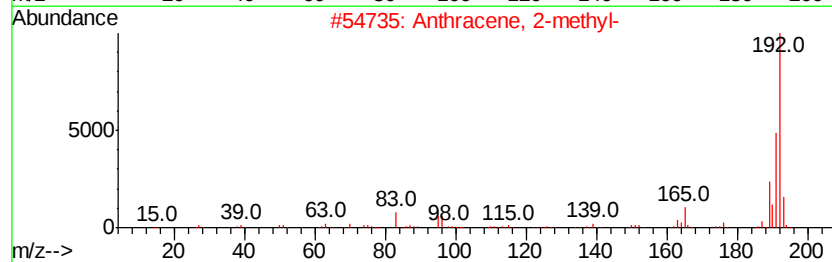
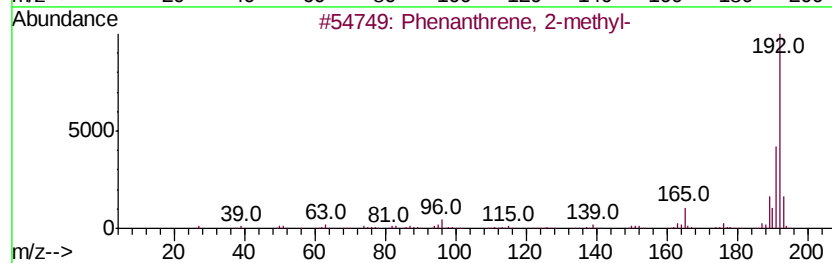
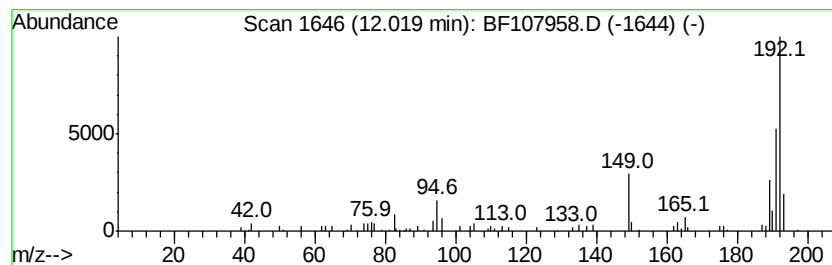
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Phenanthrene, 2-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.02	3.10 ng	109441	Phenanthrene-d10	11.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	91
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	87
3	1H-Cyclopropa[1]phenanthrene,1a,...	192	C15H12	000949-41-7	55
4	Anthracene, 9-methyl-	192	C15H12	000779-02-2	55
5	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	55



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080318\
Data File : BF107958.D
Acq On : 4 Aug 2018 00:31
Operator : JU/SJ
Sample : J4298-02 2X
Misc :
ALS Vial : 25 Sample Multiplier: 1

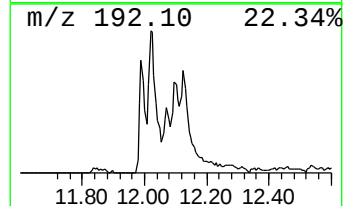
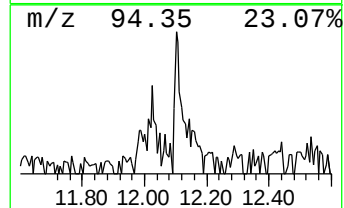
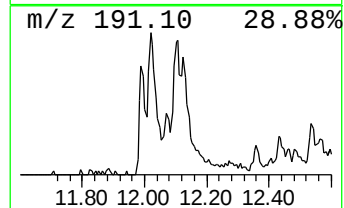
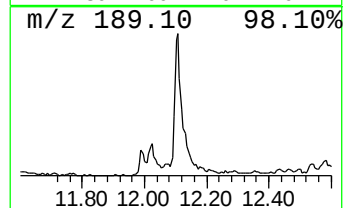
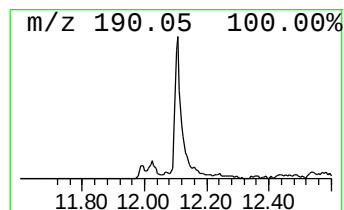
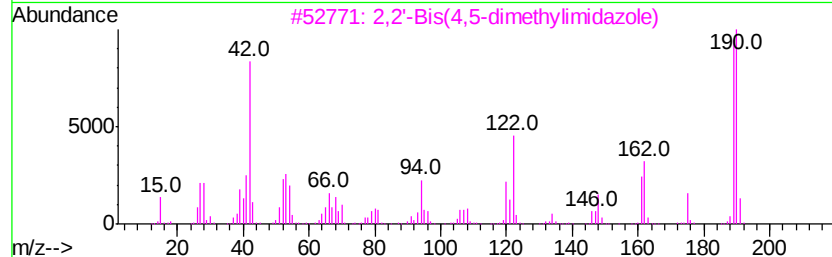
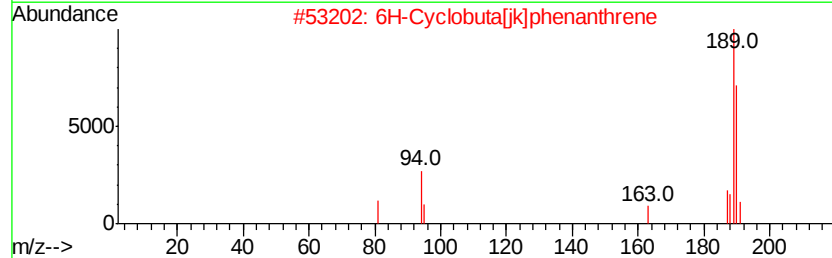
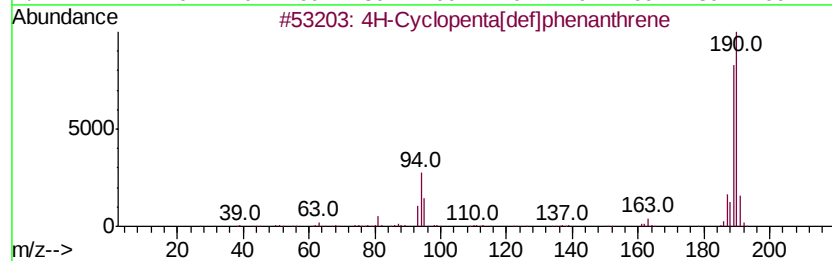
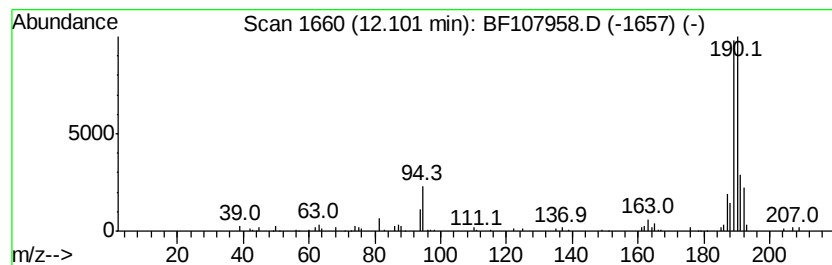
Instrument :
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 4H-Cyclopenta[def]phenanthrene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.	
12.10	4.92 ng	173861	Phenanthrene-d10	11.49	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	93
2	6H-Cyclobuta[ik]phenanthrene	190	C15H10	083469-43-6	50
3	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	45
4	Methyl diselenide	190	C2H6Se2	007101-31-7	43
5	Thiophene-3-carboxaldehyde, 5-ch...	190	C5H4BClO3S	036155-87-0	40



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080318\
Data File : BF107958.D
Acq On : 4 Aug 2018 00:31
Operator : JU/SJ
Sample : J4298-02 2X
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-2

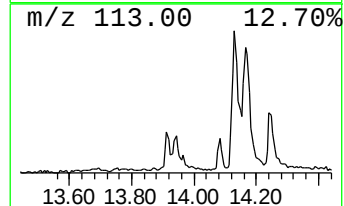
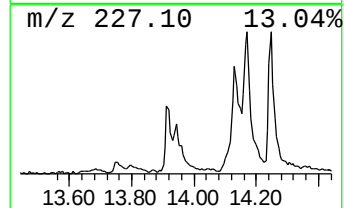
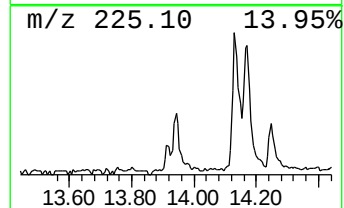
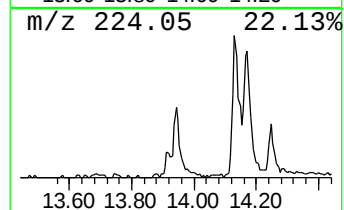
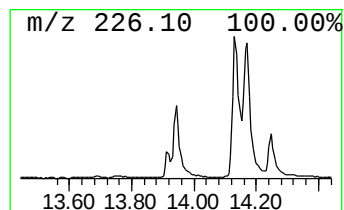
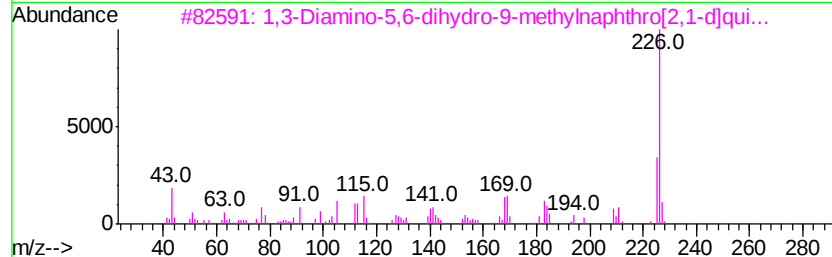
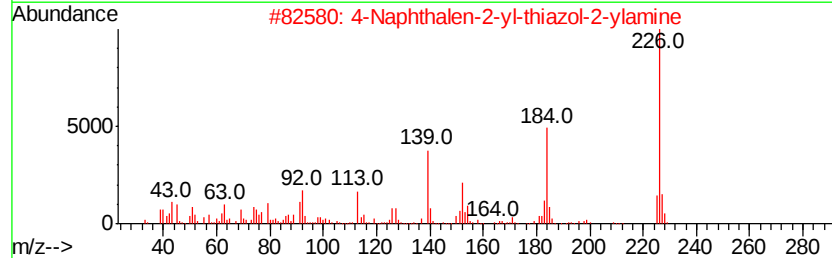
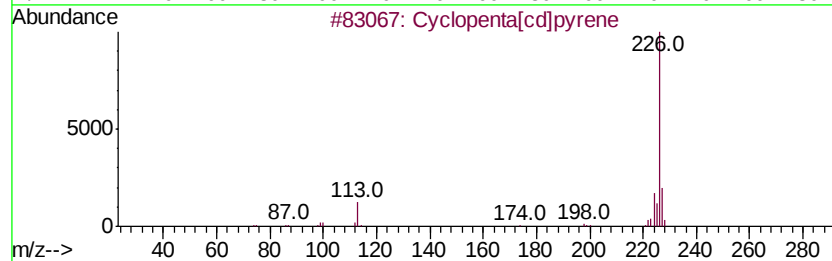
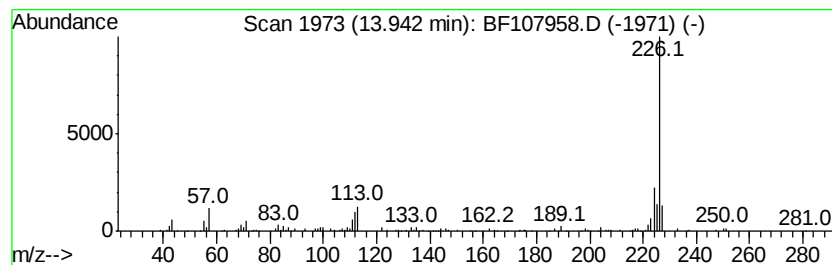
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Cyclopenta[cd]pyrene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.94	2.65 ng	239781	Chrysene-d12	14.14

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclopenta[cd]pyrene	226	C18H10	027208-37-3	70
2		4-Naphthalen-2-yl-thiazol-2-ylamine	226	C13H10N2S	1000300-53-4	53
3		1,3-Diamino-5,6-dihydro-9-methyl...	226	C13H14N4	037436-39-8	42
4		1,3-Diamino-5,6-dihydro-7-methyl...	226	C13H14N4	037436-37-6	42
5		5-Methyl-1-phenyl-1,5-dihydro-py...	226	C12H10N4O	1000300-02-1	40



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080318\
Data File : BF107958.D
Acq On : 4 Aug 2018 00:31
Operator : JU/SJ
Sample : J4298-02 2X
Misc :
ALS Vial : 25 Sample Multiplier: 1

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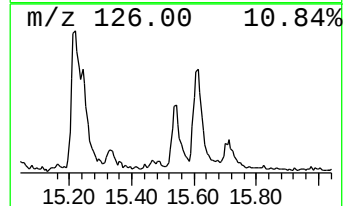
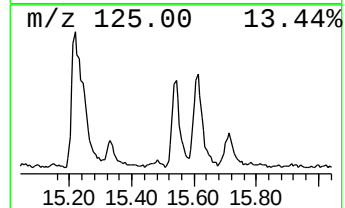
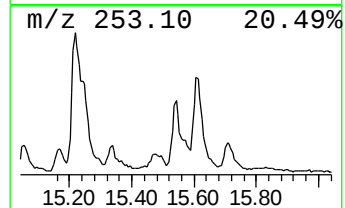
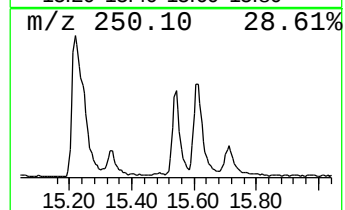
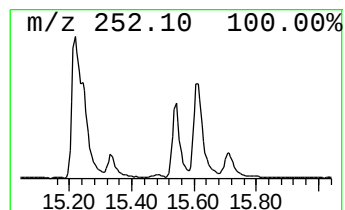
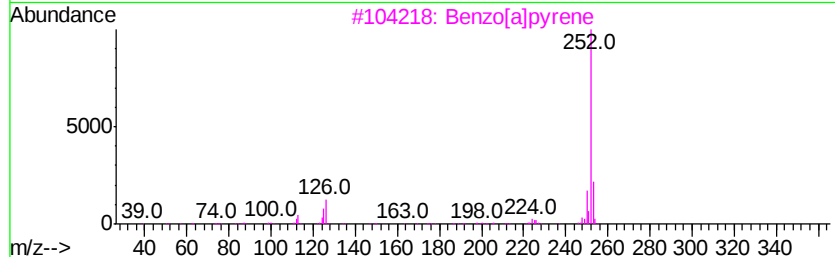
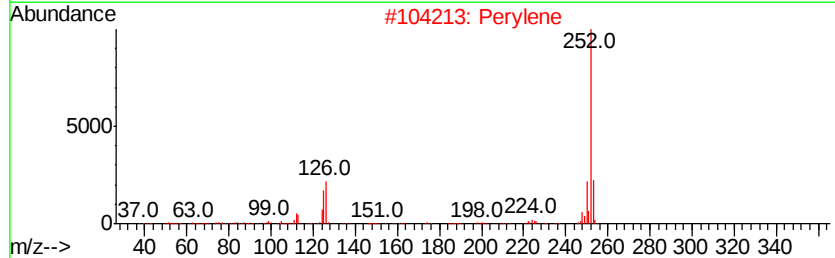
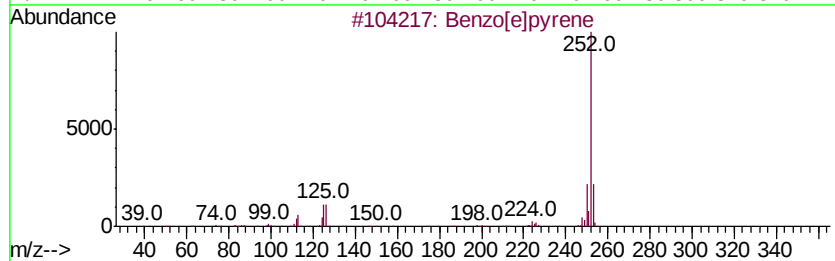
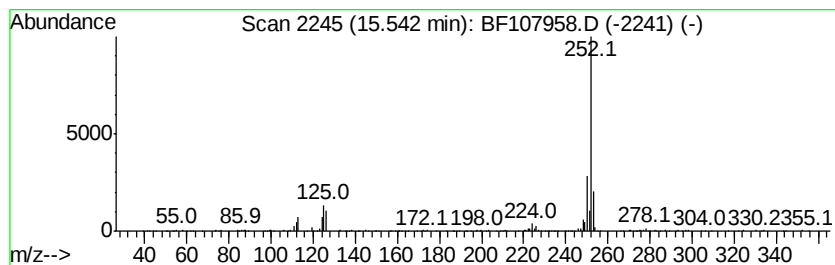
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Benzo[e]pyrene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.54	7.94 ng	361818	Perylene-d12	15.68

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzo[e]pyrene	252	C20H12	000192-97-2	96
2		Perylene	252	C20H12	000198-55-0	93
3		Benzo[a]pyrene	252	C20H12	000050-32-8	93
4		Benzo[e]acephenanthrylene	252	C20H12	000205-99-2	90
5		Benzo[j]fluoranthene	252	C20H12	000205-82-3	89



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF080318\
Data File : BF107958.D
Acq On : 4 Aug 2018 00:31
Operator : JU/SJ
Sample : J4298-02 2X
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF073018.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...	5.17	5.8	ng	197100	1	6.95	680652	20.0
unknown6.73	6.73	42.4	ng	1443880	1	6.95	680652	20.0
2-Propanol, 1-chl...	11.33	3.1	ng	108744	4	11.49	706066	20.0
Anthracene, 9-met...	11.99	2.8	ng	98898	4	11.49	706066	20.0
Phenanthrene, 2-m...	12.02	3.1	ng	109441	4	11.49	706066	20.0
4H-Cyclopenta[def...	12.10	4.9	ng	173861	4	11.49	706066	20.0
Cyclopenta[cd]pyrene	13.94	2.6	ng	239781	5	14.14	1809030	20.0
Benzo[e]pyrene	15.54	7.9	ng	361818	6	15.68	911398	20.0