

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF103118\
 Data File : BF110331.D
 Acq On : 31 Oct 2018 14:32
 Operator : JU/SJ
 Sample : J5202-07 2X
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PL-02-103018-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-BF102318.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	2.251	24	28	45	rVB	104825	178815	25.86%	1.880%
2	5.192	525	528	536	rBV	20563	23979	3.47%	0.252%
3	5.587	592	595	610	rBV	520765	585224	84.65%	6.153%
4	6.592	762	766	781	rBV	552241	598428	86.56%	6.292%
5	6.739	787	791	798	rBV	758352	615877	89.08%	6.475%
6	6.975	827	831	845	rVB	431414	406969	58.86%	4.279%
7	7.128	853	857	867	rBV	543445	464206	67.14%	4.881%
8	7.533	922	926	934	rBV	313648	329125	47.60%	3.460%
9	8.257	1045	1049	1054	rBV	440685	419757	60.71%	4.413%
10	9.327	1227	1231	1241	rBV	570465	556175	80.45%	5.847%
11	9.722	1292	1298	1305	rBV	55161	61848	8.95%	0.650%
12	9.922	1329	1332	1335	rBV2	9912	8659	1.25%	0.091%
13	10.016	1344	1348	1360	rVB2	490494	457221	66.13%	4.807%
14	10.421	1414	1417	1420	rVB2	13835	13813	2.00%	0.145%
15	10.810	1479	1483	1495	rVB	325785	349986	50.62%	3.680%
16	10.904	1495	1499	1505	rBV5	11211	20920	3.03%	0.220%
17	11.116	1530	1535	1537	rBV	7265	8692	1.26%	0.091%
18	11.245	1552	1557	1559	rBV4	5515	8976	1.30%	0.094%
19	11.510	1599	1602	1605	rBV	499370	471945	68.26%	4.962%
20	11.533	1605	1606	1613	rVB	94900	74345	10.75%	0.782%
21	11.586	1613	1615	1619	rBV	27776	30447	4.40%	0.320%
22	11.845	1654	1659	1663	rVB5	13265	16810	2.43%	0.177%
23	11.916	1667	1671	1677	rBV8	12008	20778	3.01%	0.218%
24	11.968	1678	1680	1682	rVV2	12676	10065	1.46%	0.106%
25	12.015	1682	1688	1690	rVV	50583	53535	7.74%	0.563%
26	12.045	1690	1693	1697	rVV2	49547	51377	7.43%	0.540%
27	12.092	1698	1701	1704	rVV	24730	28860	4.17%	0.303%
28	12.127	1704	1707	1709	rVV2	70161	82447	11.93%	0.867%
29	12.151	1709	1711	1714	rVB	36232	33213	4.80%	0.349%
30	12.186	1714	1717	1721	rBV5	9642	10903	1.58%	0.115%
31	12.310	1735	1738	1741	rBV2	25084	24856	3.60%	0.261%
32	12.345	1742	1744	1749	rVB6	10474	10880	1.57%	0.114%
33	12.439	1758	1760	1761	rBV2	13005	10506	1.52%	0.110%
34	12.457	1761	1763	1766	rVV3	15573	14880	2.15%	0.156%

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Max Peaks: 100
Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
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35	12.492	1766	1769	1771	rVV	21958	19362	2.80%	0.204%
36	12.515	1771	1773	1775	rVB2	13801	8725	1.26%	0.092%
37	12.563	1778	1781	1785	rBV	51937	62705	9.07%	0.659%
38	12.604	1785	1788	1790	rVV2	24645	31447	4.55%	0.331%
39	12.657	1793	1797	1801	rBV5	30261	46364	6.71%	0.487%
40	12.733	1806	1810	1813	rBV	230704	217090	31.40%	2.282%
41	12.768	1813	1816	1818	rVV4	13723	17851	2.58%	0.188%
42	12.792	1818	1820	1823	rVV4	13441	15844	2.29%	0.167%
43	12.963	1843	1849	1854	rBV	305179	331024	47.88%	3.480%
44	13.010	1855	1857	1860	rVB2	20326	21122	3.06%	0.222%
45	13.092	1868	1871	1875	rBV	661522	611799	88.49%	6.432%
46	13.174	1882	1885	1892	rBV3	35280	72036	10.42%	0.757%
47	13.292	1898	1905	1910	rBV	57427	117851	17.05%	1.239%
48	13.357	1913	1916	1918	rBV	32680	28290	4.09%	0.297%
49	13.398	1920	1923	1925	rVV	47243	44501	6.44%	0.468%
50	13.492	1936	1939	1941	rBV	42268	42528	6.15%	0.447%
51	13.521	1941	1944	1953	rVB3	52816	81862	11.84%	0.861%
52	13.974	2019	2021	2025	rVB2	48047	48627	7.03%	0.511%
53	14.162	2049	2053	2056	rBV2	593130	691367	100.00%	7.269%
54	14.192	2056	2058	2065	rVB	126514	117073	16.93%	1.231%
55	14.921	2180	2182	2186	rVB	96323	90537	13.10%	0.952%
56	15.280	2240	2243	2247	rVB2	175506	199726	28.89%	2.100%
57	15.709	2314	2316	2320	rVB2	281836	306244	44.30%	3.220%
58	16.151	2388	2391	2398	rVB	162834	232900	33.69%	2.449%

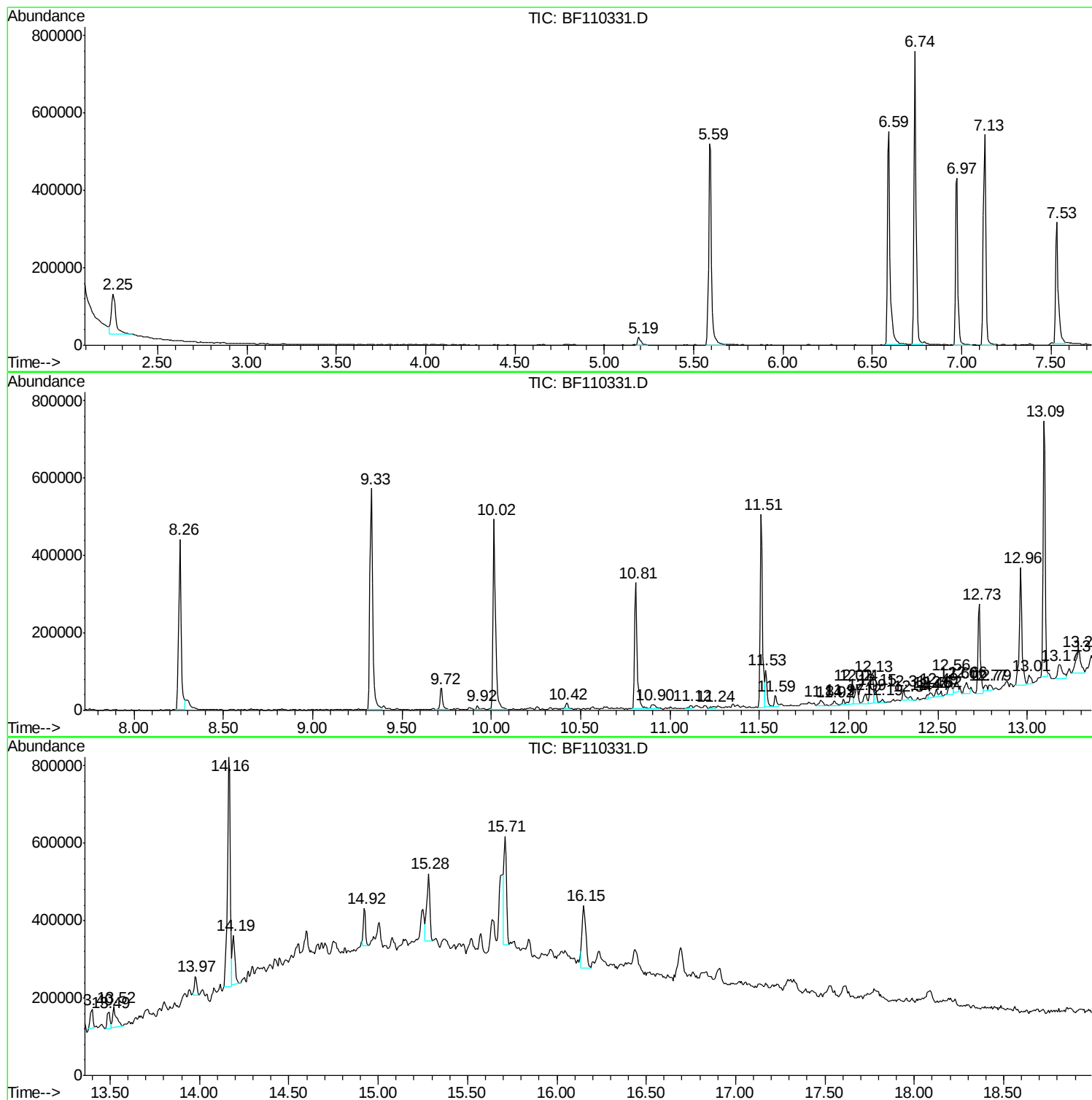
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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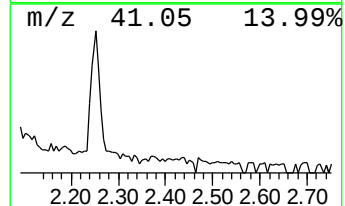
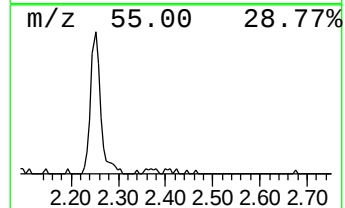
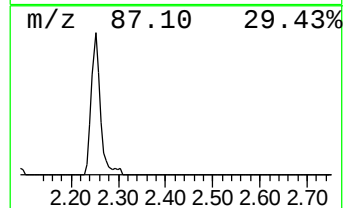
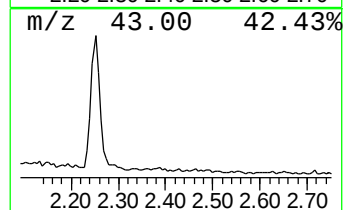
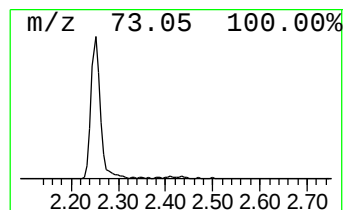
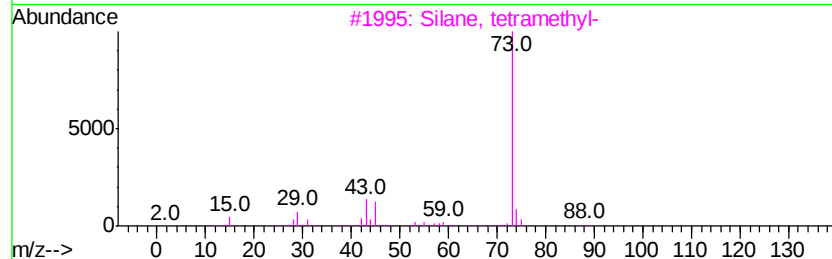
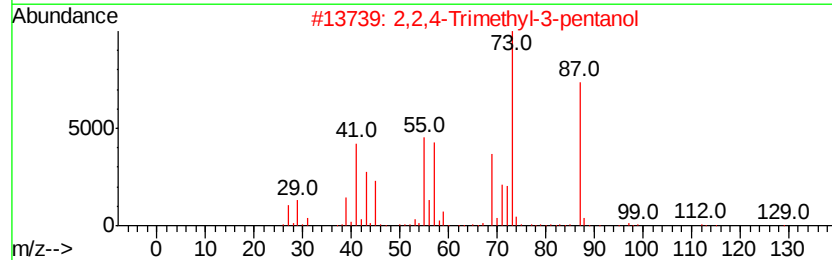
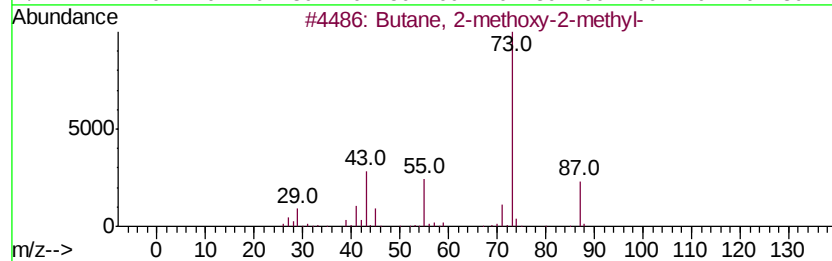
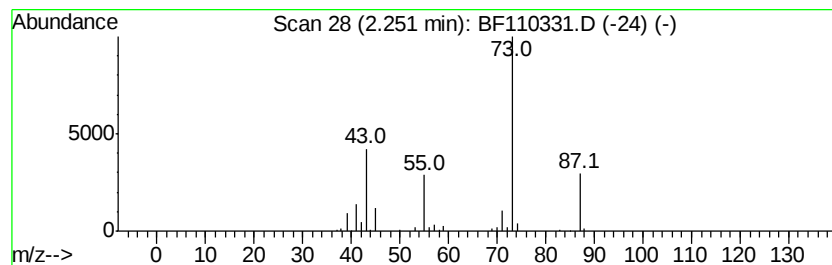
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.25	8.79 ng	178815	1,4-Dichlorobenzene-d4	6.97

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	78
2		2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	39
3		Silane, tetramethyl-	88	C4H12Si	000075-76-3	35
4		1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	25
5		3-Hexanol, 2-methyl-	116	C7H16O	000617-29-8	25



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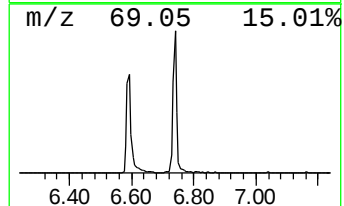
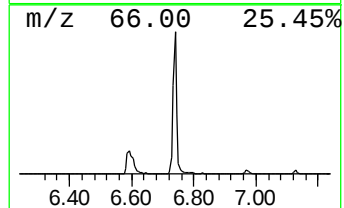
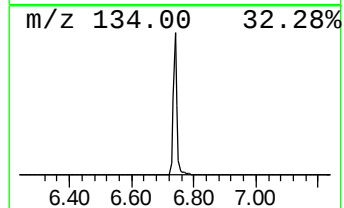
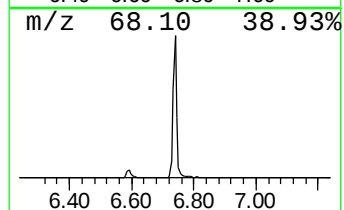
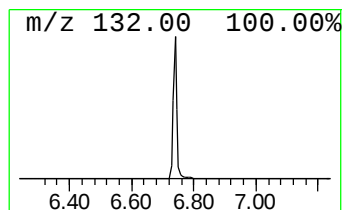
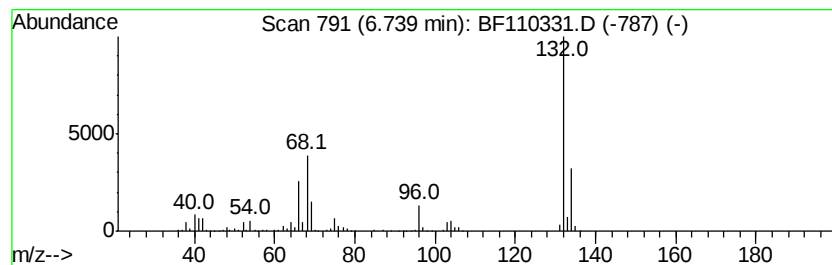
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF102318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 2 unknown6.74 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.74	30.27 ng	615877	1,4-Dichlorobenzene-d4	6.97

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	17
3		Tranvlcypropane-propionyl	189	C12H15NO	1000123-86-3	10
4		1,3,5-Trifluorobenzene	132	C6H3F3	000372-38-3	9
5		Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9



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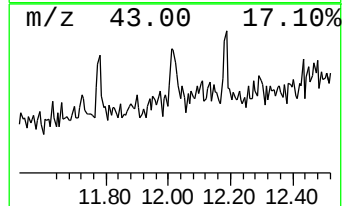
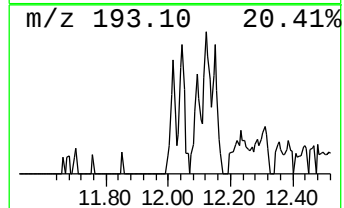
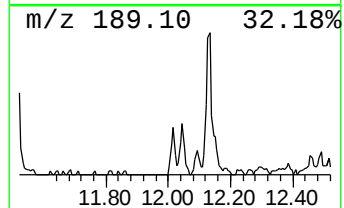
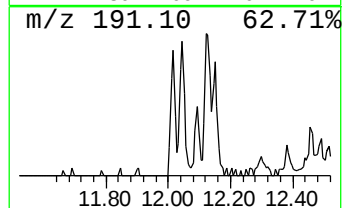
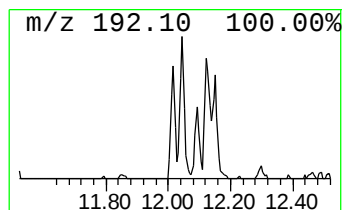
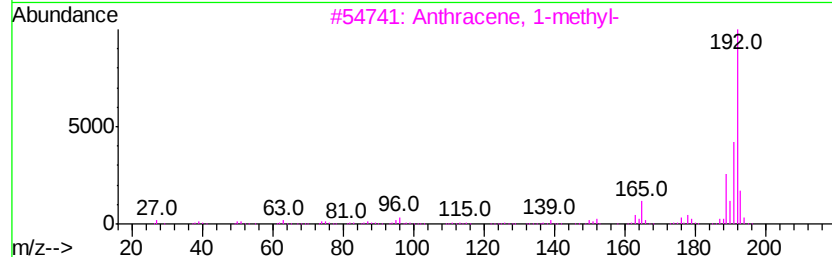
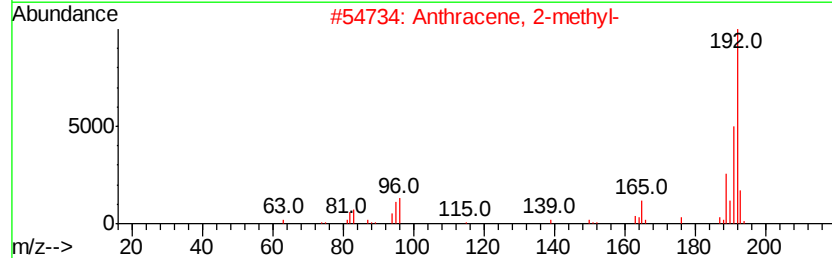
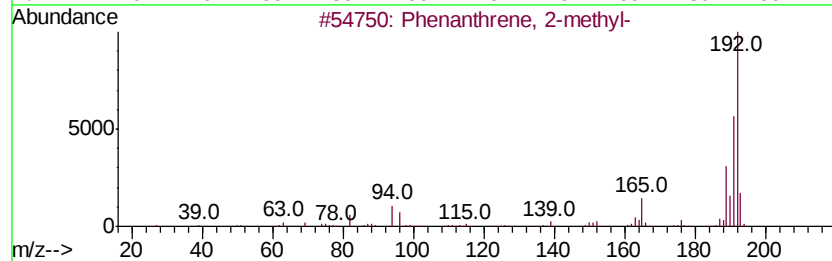
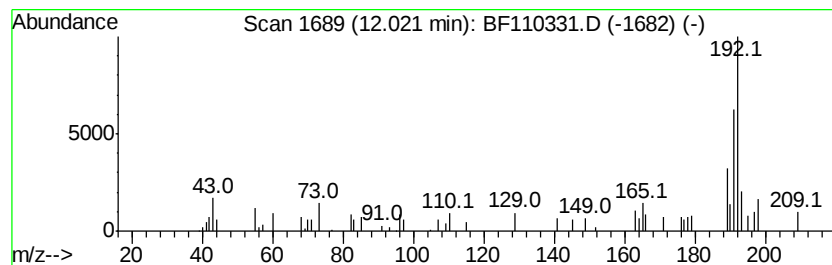
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 Phenanthrene, 2-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.02	2.27 ng	53535	Phenanthrene-d10	11.51

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93
2		Anthracene, 2-methyl-	192	C15H12	000613-12-7	81
3		Anthracene, 1-methyl-	192	C15H12	000610-48-0	76
4		Anthracene, 9-methyl-	192	C15H12	000779-02-2	76
5		Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	76



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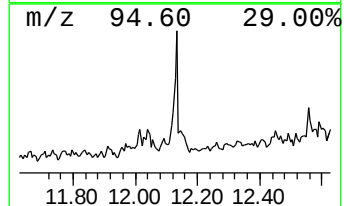
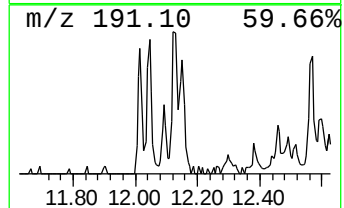
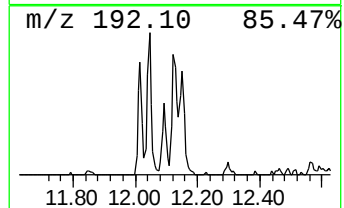
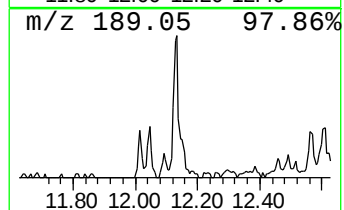
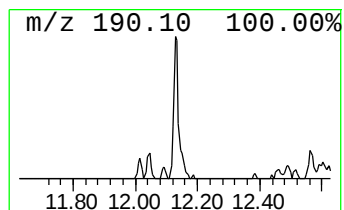
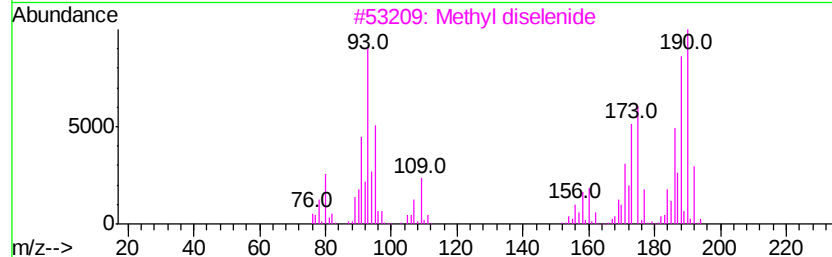
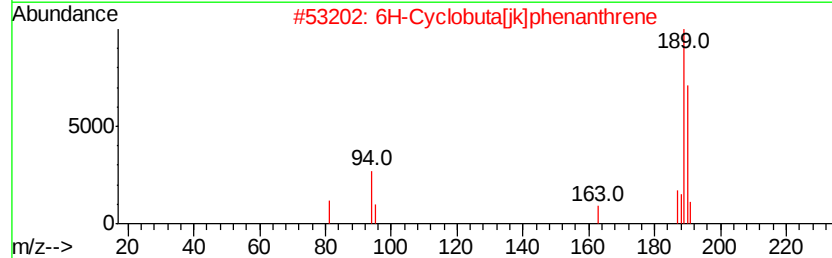
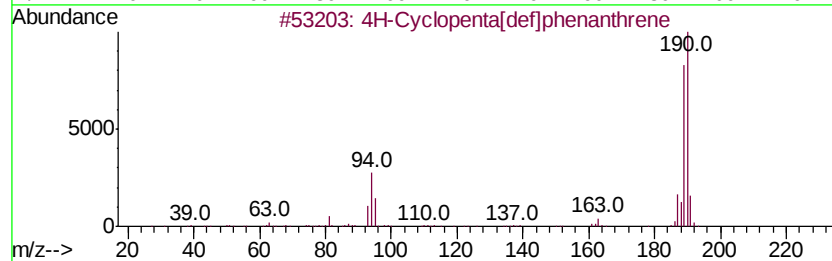
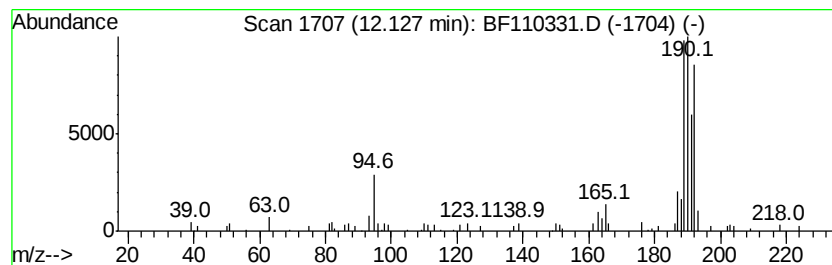
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.	
12.13	3.49 ng	82447	Phenanthrene-d10	11.51	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	52
2	6H-Cyclobuta[ik]phenanthrene	190	C15H10	083469-43-6	49
3	Methyl diselenide	190	C2H6Se2	007101-31-7	38
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	38
5	Benzene, 1,1'-(1,2-propadienyld...	192	C15H12	014251-57-1	38



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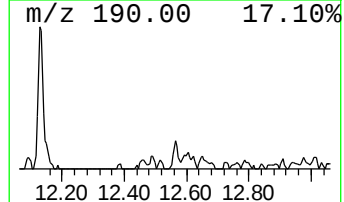
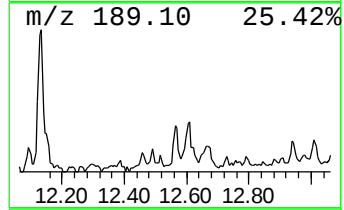
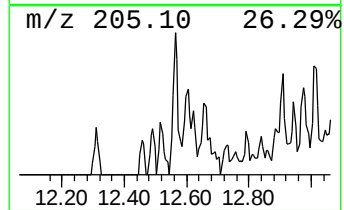
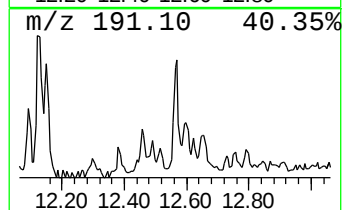
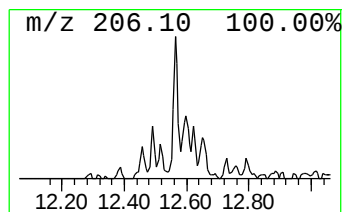
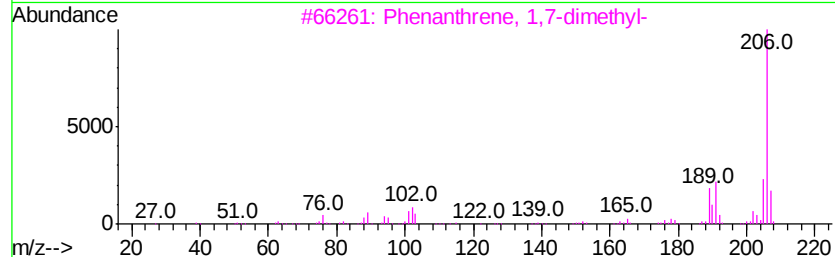
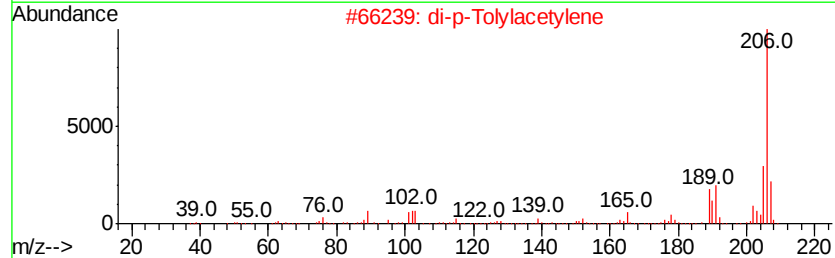
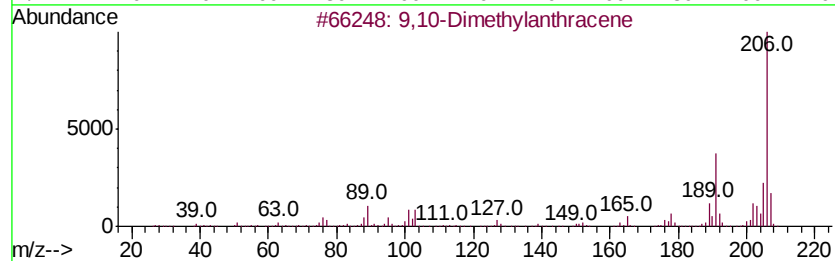
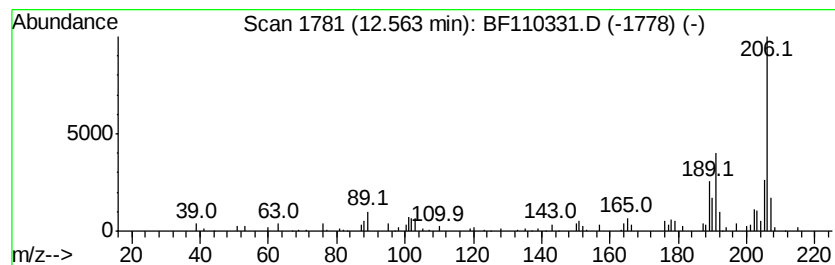
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 9,10-Dimethylantracene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.56	2.66 ng	62705	Phenanthrene-d10	11.51

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			9,10-Dimethylantracene	206	C16H14	000781-43-1	95
2			di-p-Tolylacetylene	206	C16H14	002789-88-0	95
3			Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	94
4			Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	93
5			Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	93



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF103118\
Data File : BF110331.D
Acq On : 31 Oct 2018 14:32
Operator : JU/SJ
Sample : J5202-07 2X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PL-02-103018-A

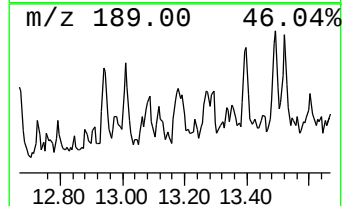
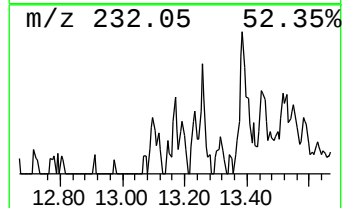
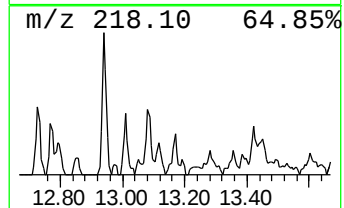
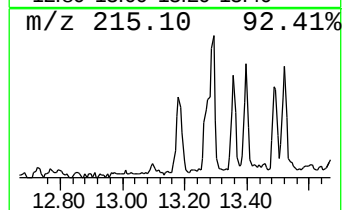
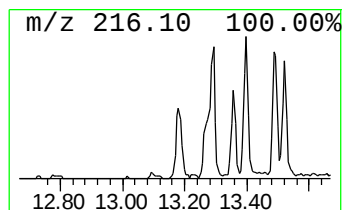
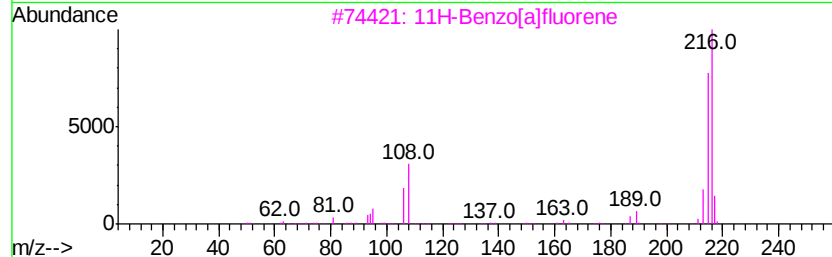
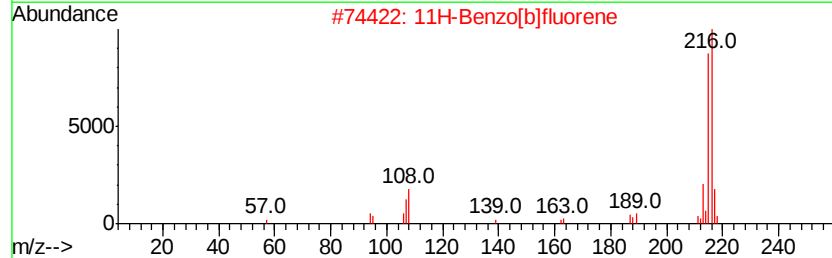
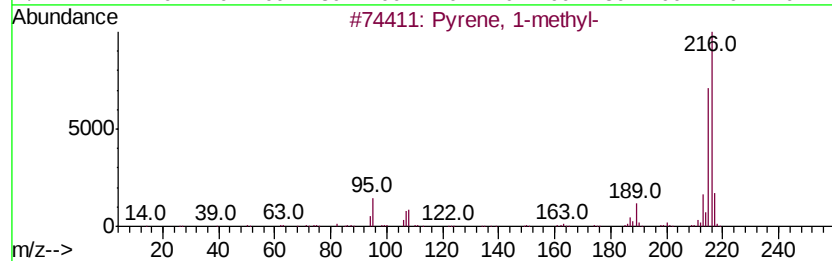
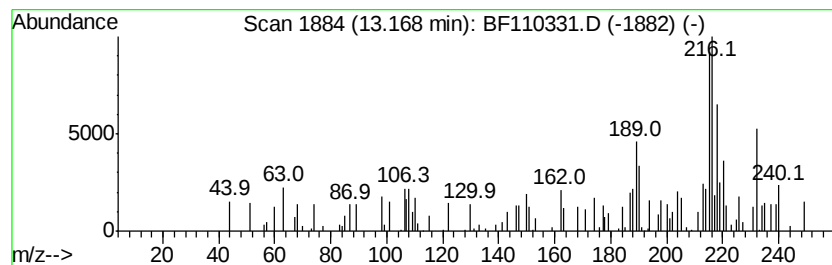
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Pyrene, 1-methyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.17	2.08 ng	72036	Chrysene-d12	14.17

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pyrene, 1-methyl-	216	C17H12	002381-21-7	94
2		11H-Benzo[b]fluorene	216	C17H12	000243-17-4	76
3		11H-Benzo[a]fluorene	216	C17H12	000238-84-6	64
4		Pyrene, 2-methyl-	216	C17H12	003442-78-2	64
5		Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	59



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF103118\
Data File : BF110331.D
Acq On : 31 Oct 2018 14:32
Operator : JU/SJ
Sample : J5202-07 2X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
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ClientSampleId :
PL-02-103018-A

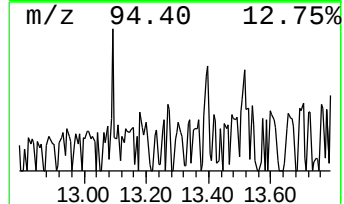
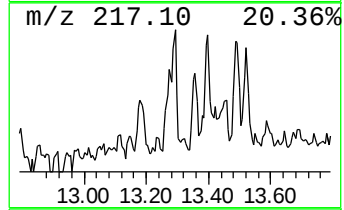
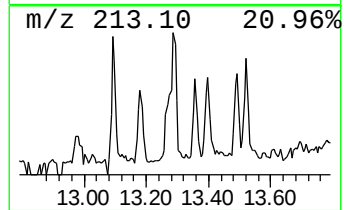
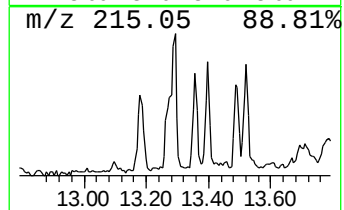
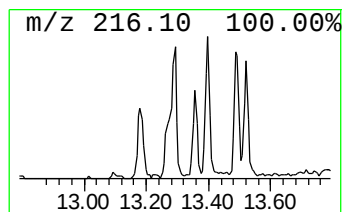
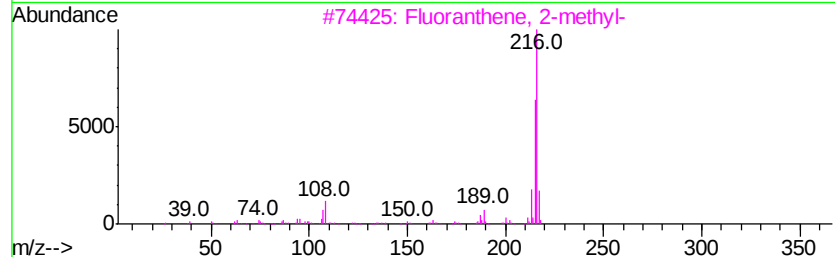
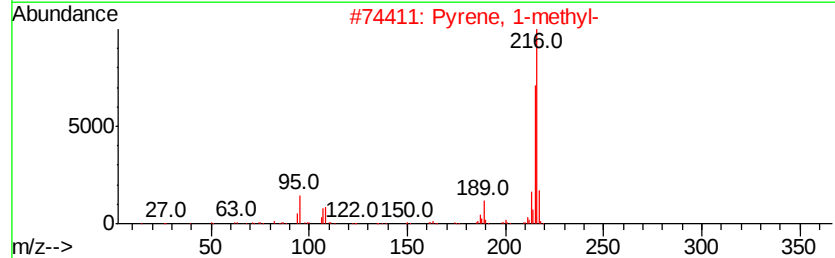
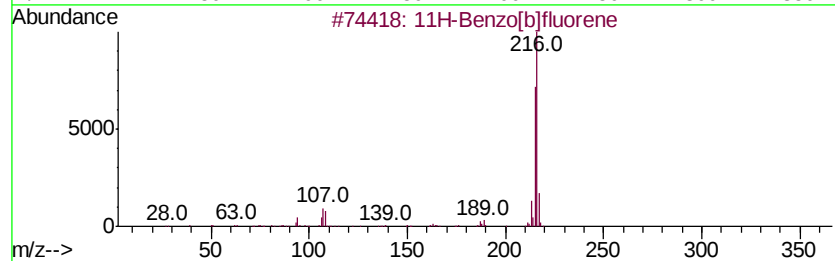
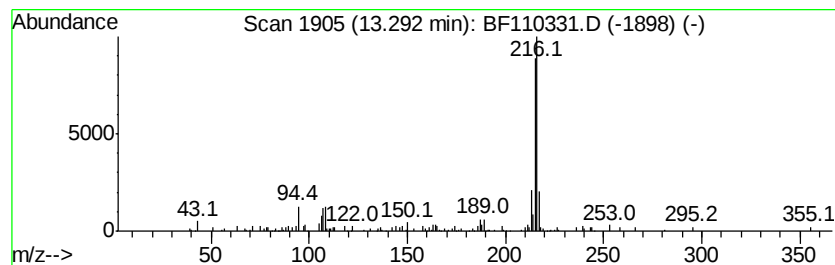
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 11H-Benzo[b]fluorene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.29	3.41 ng	117851	Chrysene-d12	14.17

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		11H-Benzo[b]fluorene	216	C17H12	000243-17-4	93
2		Pyrene, 1-methyl-	216	C17H12	002381-21-7	91
3		Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	87
4		11H-Benzo[a]fluorene	216	C17H12	000238-84-6	87
5		1,3,5-Triazine-2,4,6-triamine, N...	216	C10H12N6	046731-79-7	64



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF103118\
Data File : BF110331.D
Acq On : 31 Oct 2018 14:32
Operator : JU/SJ
Sample : J5202-07 2X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PL-02-103018-A

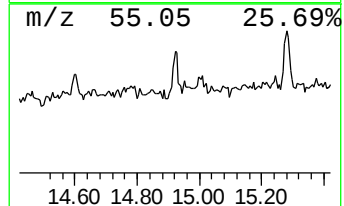
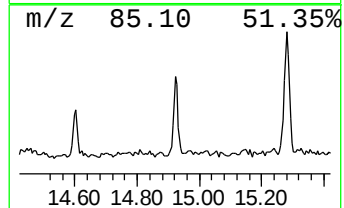
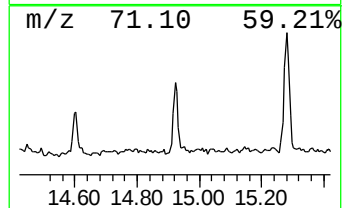
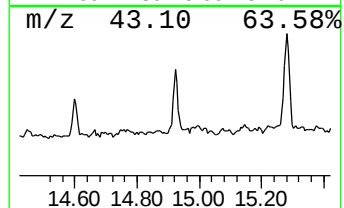
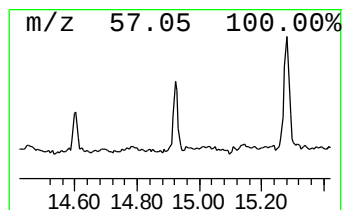
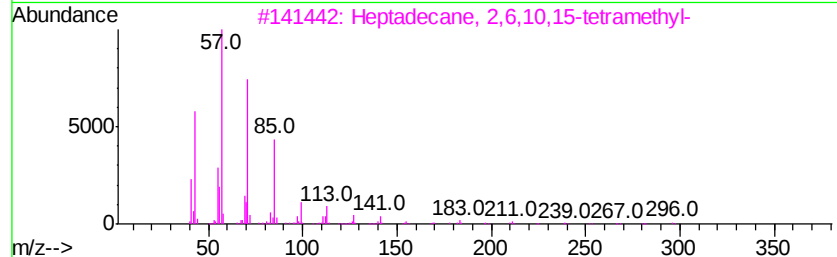
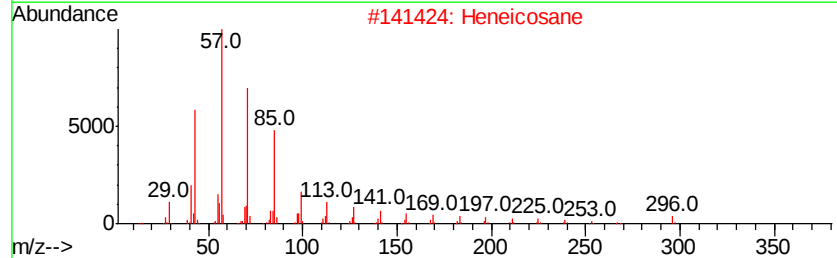
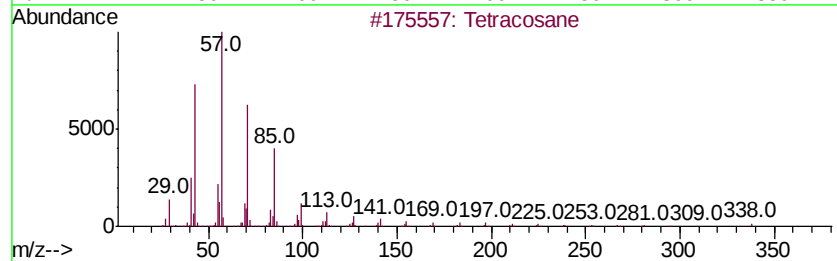
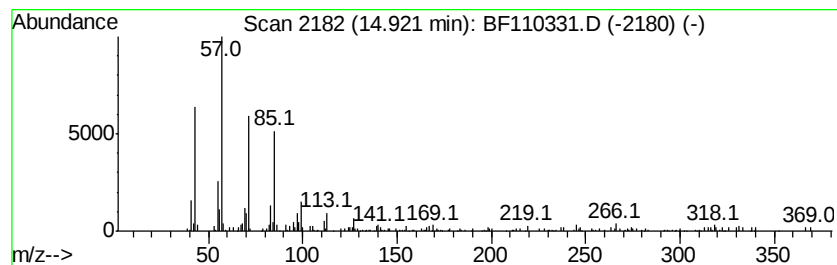
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Tetracosane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.92	2.62 ng	90537	Chrysene-d12	14.17

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tetracosane	338	C24H50	000646-31-1	95
2		Heneicosane	296	C21H44	000629-94-7	91
3		Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	91
4		Hexacosane	366	C26H54	000630-01-3	89
5		Heptadecane, 9-octyl-	352	C25H52	007225-64-1	89



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF103118\
Data File : BF110331.D
Acq On : 31 Oct 2018 14:32
Operator : JU/SJ
Sample : J5202-07 2X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PL-02-103018-A

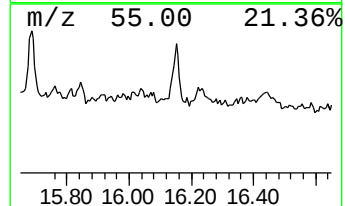
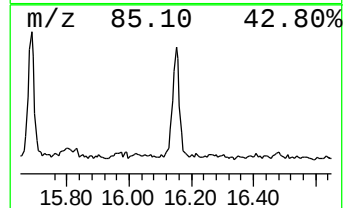
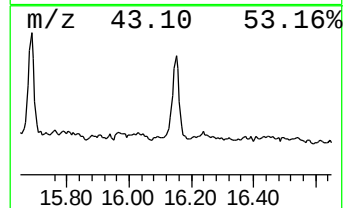
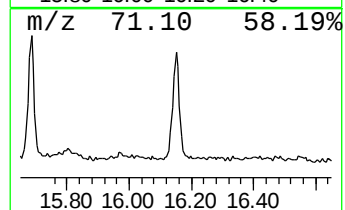
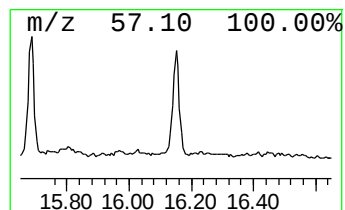
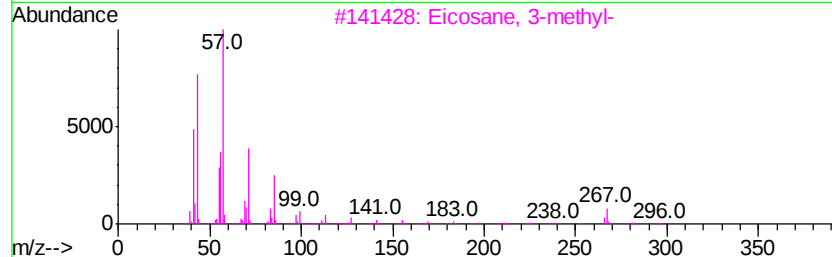
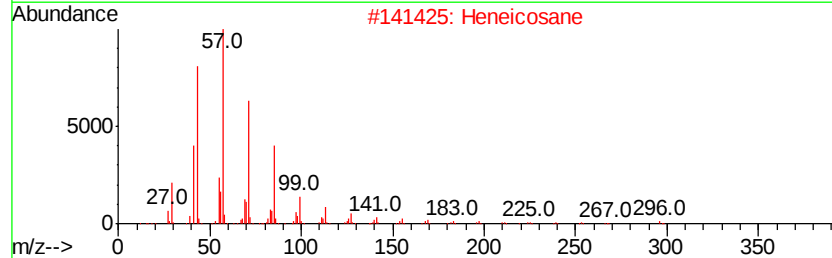
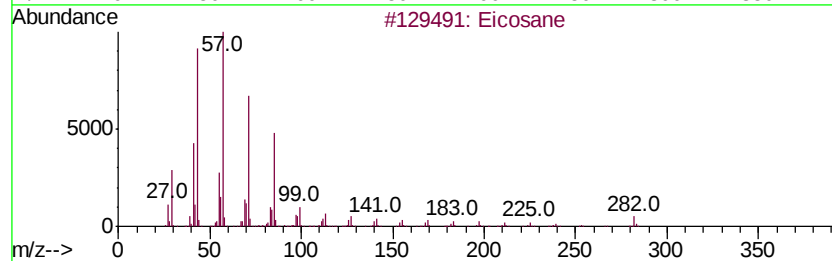
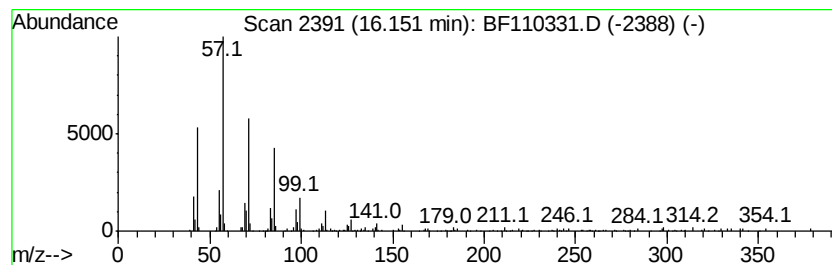
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Eicosane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.15	15.21 ng	232900	Perylene-d12	15.71

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Eicosane	282	C20H42	000112-95-8	95
2		Heneicosane	296	C21H44	000629-94-7	93
3		Eicosane, 3-methyl-	296	C21H44	006418-46-8	90
4		Hentriacontane	437	C31H64	000630-04-6	87
5		Hexacosane	366	C26H54	000630-01-3	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF103118\
Data File : BF110331.D
Acq On : 31 Oct 2018 14:32
Operator : JU/SJ
Sample : J5202-07 2X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PL-02-103018-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF102318.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
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unknown6.74	6.74	30.3	ng	615877	1	6.97	406969	20.0
Phenanthrene, 2-m...	12.02	2.3	ng	53535	4	11.51	471945	20.0
4H-Cyclopenta[def...	12.13	3.5	ng	82447	4	11.51	471945	20.0
9,10-Dimethylanthe...	12.56	2.7	ng	62705	4	11.51	471945	20.0
Pyrene, 1-methyl-	13.17	2.1	ng	72036	5	14.17	691367	20.0
11H-Benzo[b]fluorene	13.29	3.4	ng	117851	5	14.17	691367	20.0
Tetracosane	14.92	2.6	ng	90537	5	14.17	691367	20.0
Eicosane	16.15	15.2	ng	232900	6	15.71	306244	20.0