

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF112618\
 Data File : BF110973.D
 Acq On : 26 Nov 2018 19:38
 Operator : JU/SJ
 Sample : J6028-08
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 COMP-3

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-BF112618.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	2.228	19	24	33	rVB	74249	115010	8.86%	0.914%
2	5.181	522	526	534	rBV	28303	45233	3.48%	0.359%
3	5.557	587	590	608	rBV	1051832	1191901	91.83%	9.469%
4	6.569	758	762	782	rBV	1166432	1297986	100.00%	10.312%
5	6.710	782	786	792	rBV	1384633	1272698	98.05%	10.111%
6	6.939	821	825	833	rBV	342185	328665	25.32%	2.611%
7	7.092	847	851	865	rBV	1118921	975104	75.12%	7.747%
8	7.504	918	921	938	rBV	687453	750037	57.78%	5.959%
9	8.222	1039	1043	1062	rVB	334586	395005	30.43%	3.138%
10	9.292	1221	1225	1234	rBV	1317786	1180949	90.98%	9.382%
11	9.686	1287	1292	1302	rBV	119873	124454	9.59%	0.989%
12	9.980	1338	1342	1346	rBV	365660	351887	27.11%	2.796%
13	10.010	1346	1347	1352	rVB	18378	15979	1.23%	0.127%
14	10.774	1473	1477	1489	rBV	596575	614331	47.33%	4.881%
15	11.474	1593	1596	1599	rBV	358425	338335	26.07%	2.688%
16	11.498	1599	1600	1606	rVV	173585	155517	11.98%	1.236%
17	11.557	1607	1610	1616	rVV	43110	46798	3.61%	0.372%
18	11.727	1635	1639	1642	rBV3	23433	29329	2.26%	0.233%
19	11.974	1678	1681	1685	rBV2	75151	88735	6.84%	0.705%
20	12.010	1685	1687	1694	rVB2	31256	34097	2.63%	0.271%
21	12.092	1698	1701	1704	rBV2	36745	41232	3.18%	0.328%
22	12.274	1729	1732	1736	rBV	21013	21257	1.64%	0.169%
23	12.451	1760	1762	1765	rBV3	12348	14383	1.11%	0.114%
24	12.486	1765	1768	1772	rVB6	12721	13330	1.03%	0.106%
25	12.527	1772	1775	1778	rBV	30824	32851	2.53%	0.261%
26	12.633	1791	1793	1798	rVB3	13033	18064	1.39%	0.144%
27	12.698	1800	1804	1812	rVV	378741	344596	26.55%	2.738%
28	12.763	1812	1815	1819	rBV5	22149	31625	2.44%	0.251%
29	12.851	1827	1830	1832	rBV3	22921	23349	1.80%	0.186%
30	12.910	1837	1840	1841	rBV2	67800	62558	4.82%	0.497%
31	12.927	1841	1843	1849	rVB	284995	284831	21.94%	2.263%
32	13.057	1861	1865	1868	rBV	1152626	929056	71.58%	7.381%
33	13.257	1897	1899	1903	rVB	43668	45121	3.48%	0.358%
34	13.327	1908	1911	1913	rVV	30682	22550	1.74%	0.179%

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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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Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	13.521	1942	1944	1947	rVB	28170	18697	1.44%	0.149%
36	13.927	2011	2013	2016	rBV3	77398	85580	6.59%	0.680%
37	14.133	2043	2048	2051	rBV2	335683	456515	35.17%	3.627%
38	14.239	2064	2066	2071	rVB2	57168	54128	4.17%	0.430%
39	14.551	2117	2119	2125	rVB3	69814	91085	7.02%	0.724%
40	14.862	2170	2172	2180	rVB	58943	85590	6.59%	0.680%
41	15.215	2229	2232	2235	rBV	137700	156135	12.03%	1.240%
42	15.604	2295	2298	2305	rVB	133013	197031	15.18%	1.565%
43	15.668	2305	2309	2313	rBV	148108	205129	15.80%	1.630%

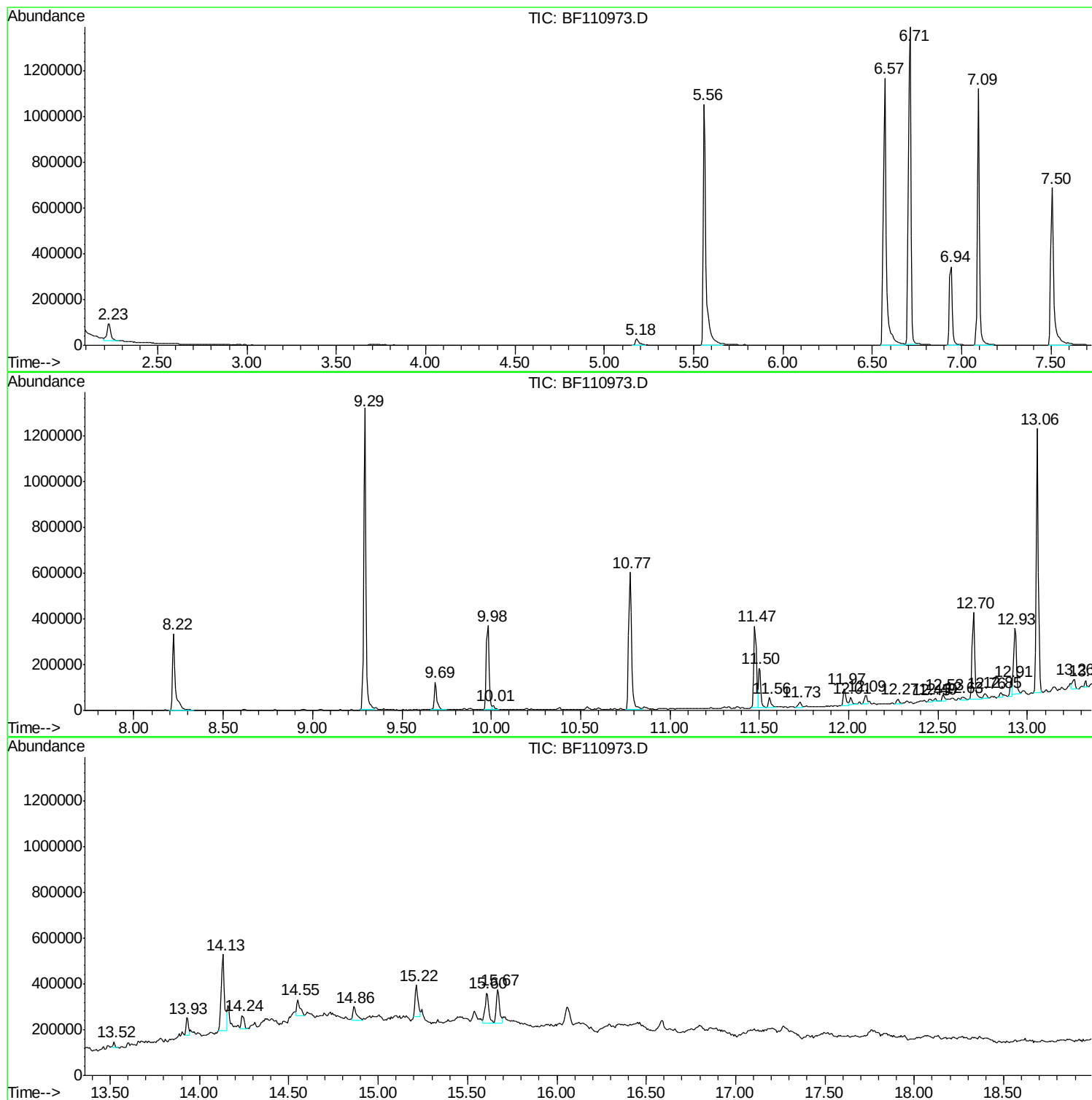
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF112618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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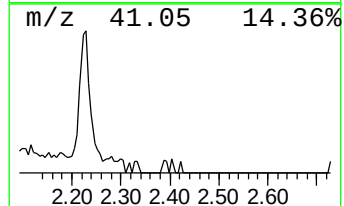
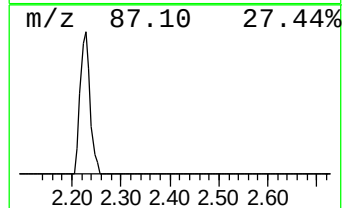
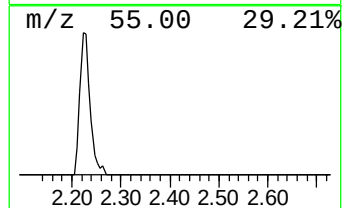
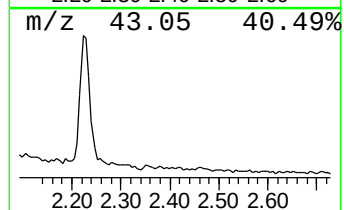
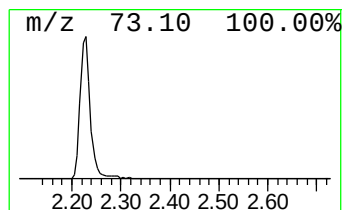
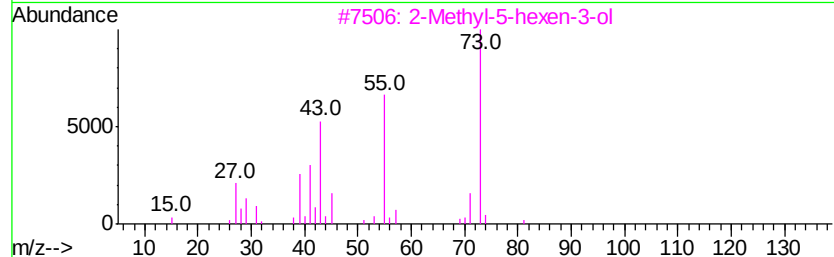
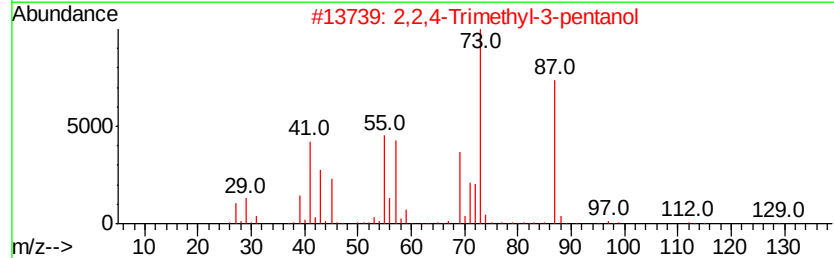
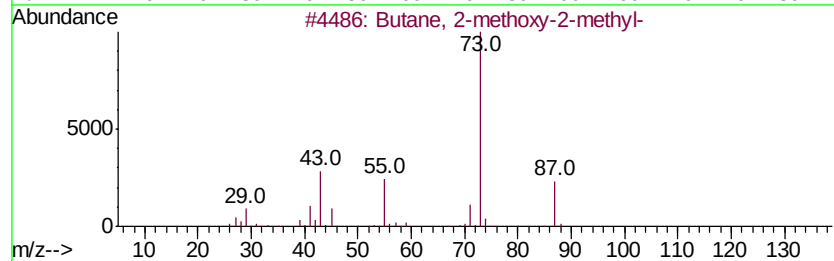
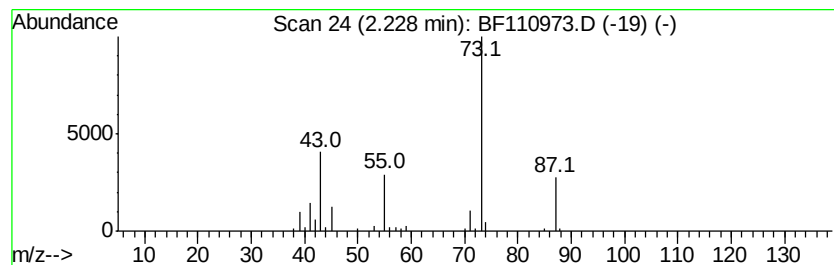
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF112618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.23	7.00 ng	115010	1,4-Dichlorobenzene-d4	6.94

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2			2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	40
3			2-Methyl-5-hexen-3-ol	114	C7H14O	032815-70-6	38
4			Silane, tetramethyl-	88	C4H12Si	000075-76-3	38
5			1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	9



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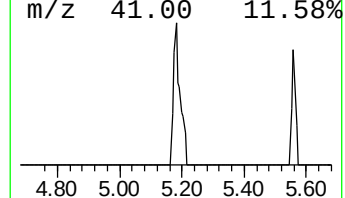
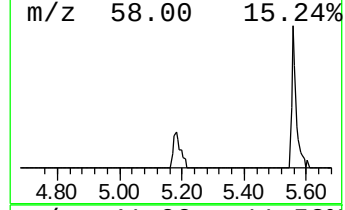
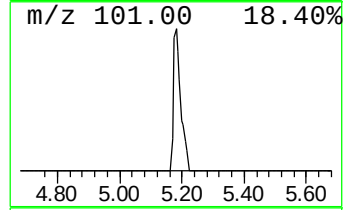
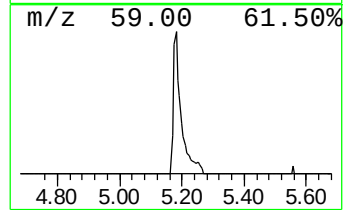
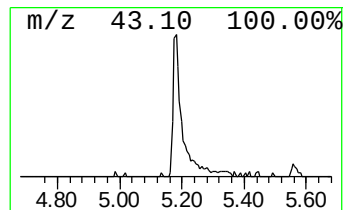
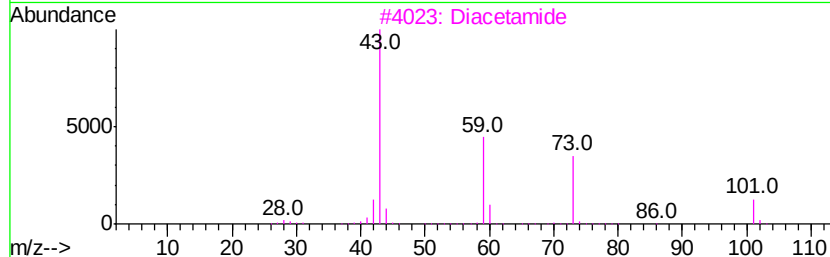
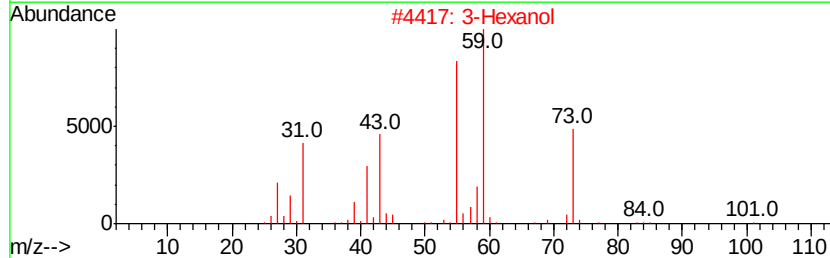
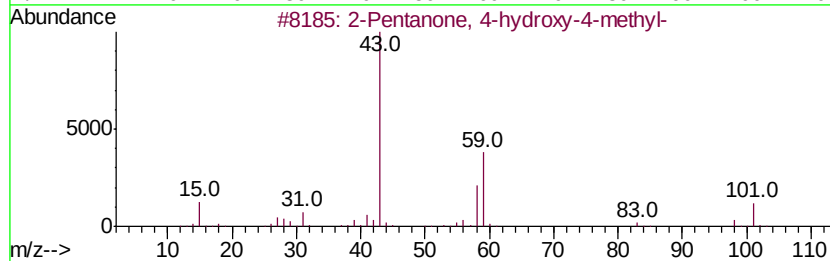
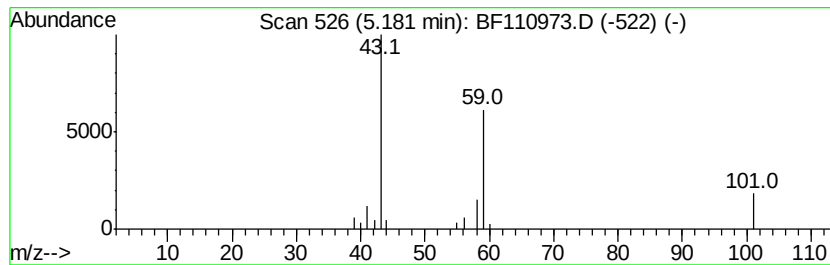
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.18	2.75 ng	45233	1,4-Dichlorobenzene-d4	6.94

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	64
2		3-Hexanol	102	C6H14O	000623-37-0	38
3		Diacetamide	101	C4H7NO2	000625-77-4	9
4		2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9
5		Propylamine	59	C3H9N	000107-10-8	9



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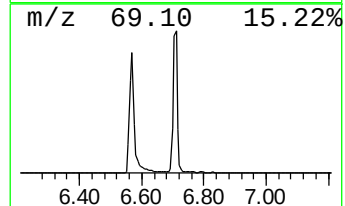
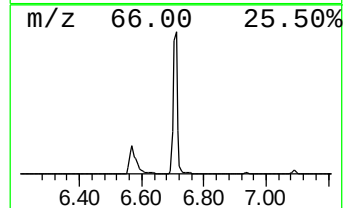
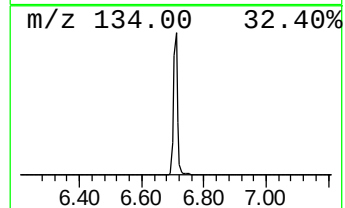
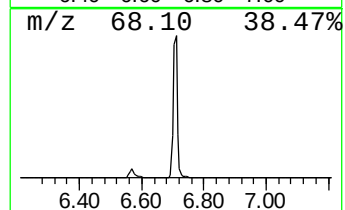
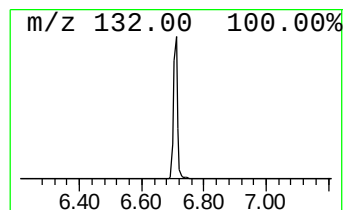
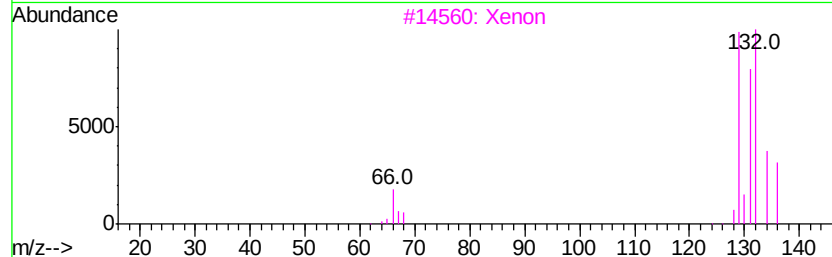
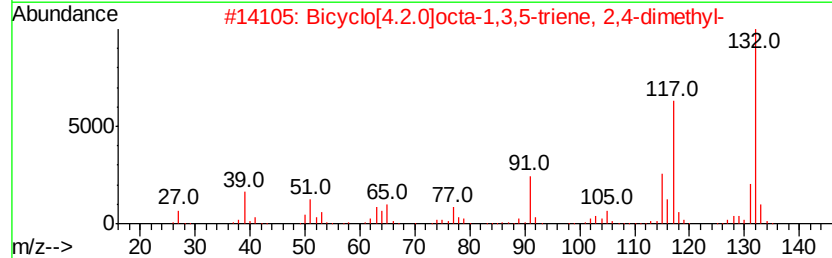
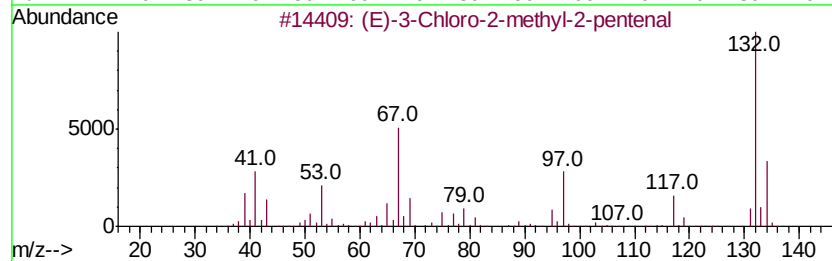
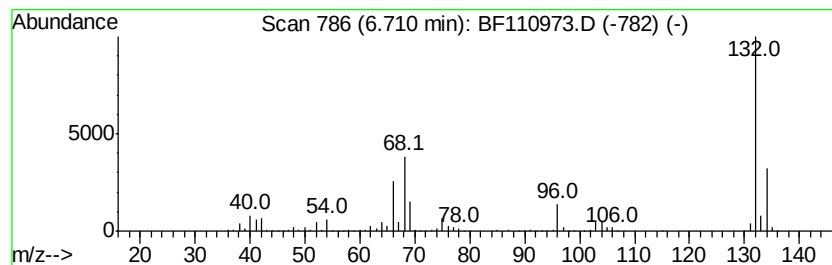
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 3 unknown6.71 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.71	77.45 ng	1272700	1,4-Dichlorobenzene-d4	6.94

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	16
2		Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
3		Xenon	132	Xe	007440-63-3	9
4		1-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-59-9	9
5		2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	9



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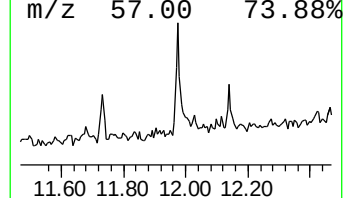
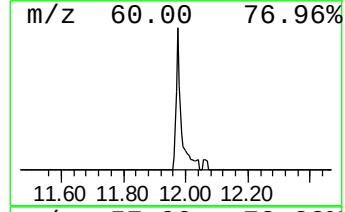
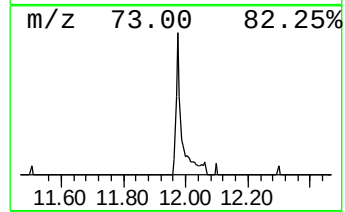
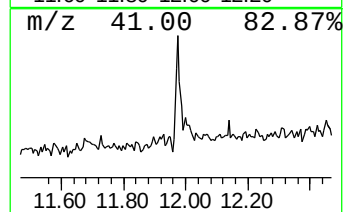
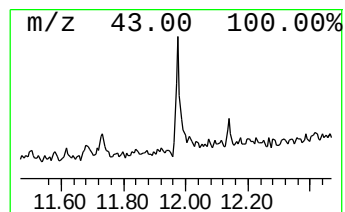
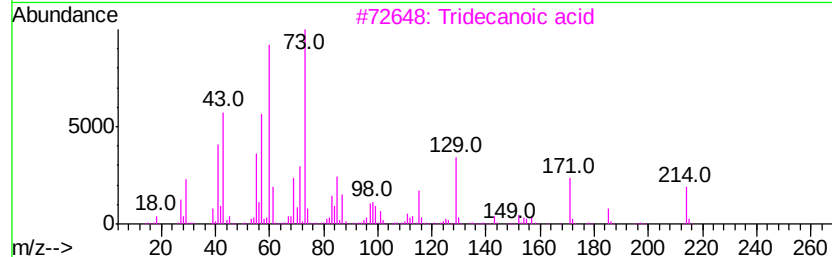
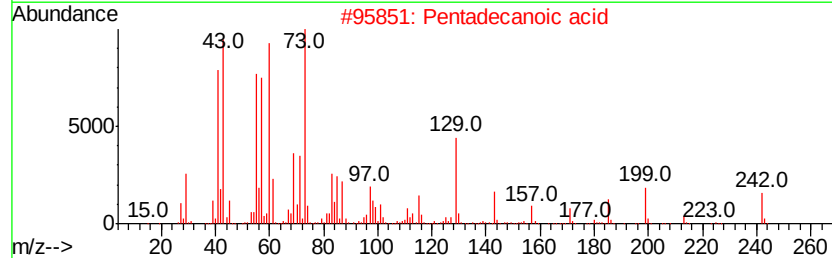
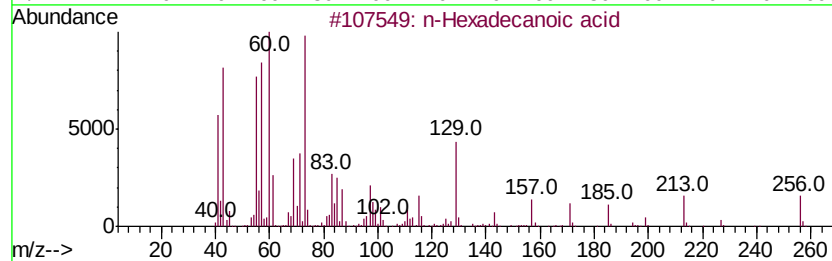
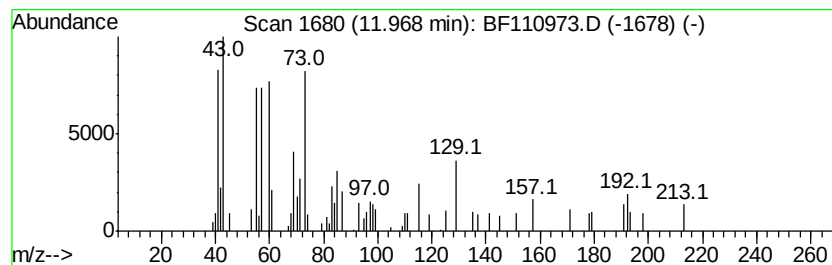
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 n-Hexadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.97	5.25 ng	88735	Phenanthrene-d10	11.47

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	60
2		Pentadecanoic acid	242	C15H30O2	001002-84-2	60
3		Tridecanoic acid	214	C13H26O2	000638-53-9	53
4		Tetradecanoic acid	228	C14H28O2	000544-63-8	49
5		Dodecanoic acid	200	C12H24O2	000143-07-7	46



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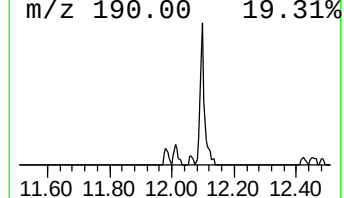
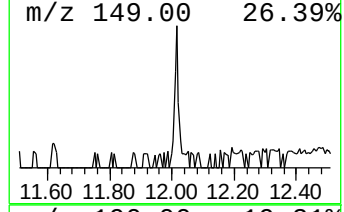
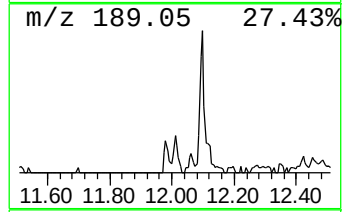
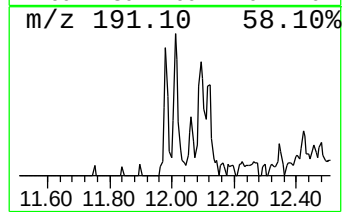
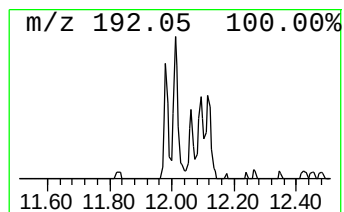
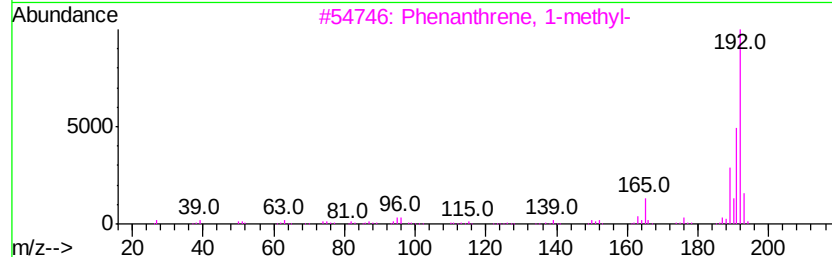
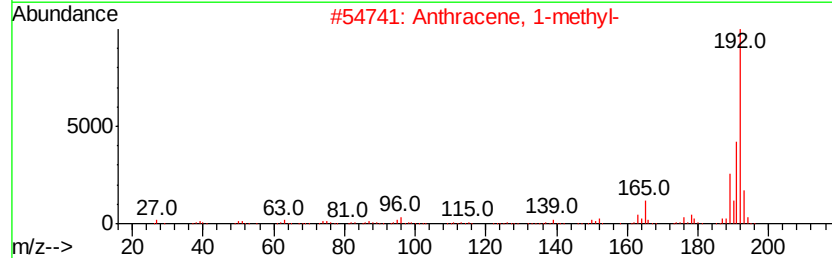
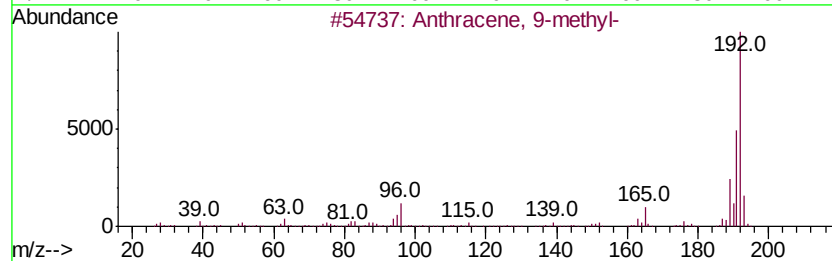
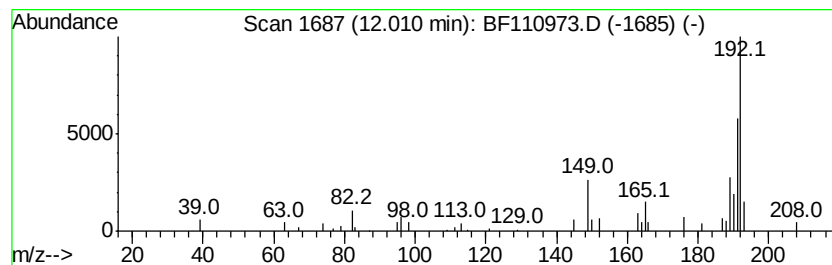
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 6 Anthracene, 9-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.01	2.02 ng	34097	Phenanthrene-d10	11.47

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	89
2		Anthracene, 1-methyl-	192	C15H12	000610-48-0	76
3		Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	76
4		Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	76
5		Phenanthrene, 3-methyl-	192	C15H12	000832-71-3	70



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF112618\
Data File : BF110973.D
Acq On : 26 Nov 2018 19:38
Operator : JU/SJ
Sample : J6028-08
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
COMP-3

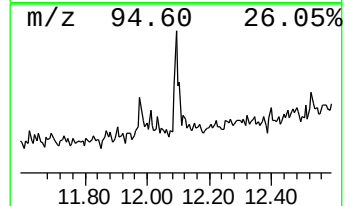
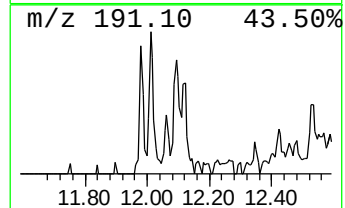
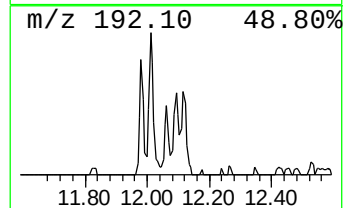
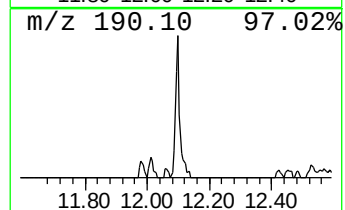
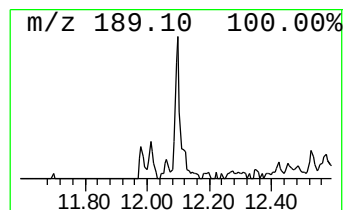
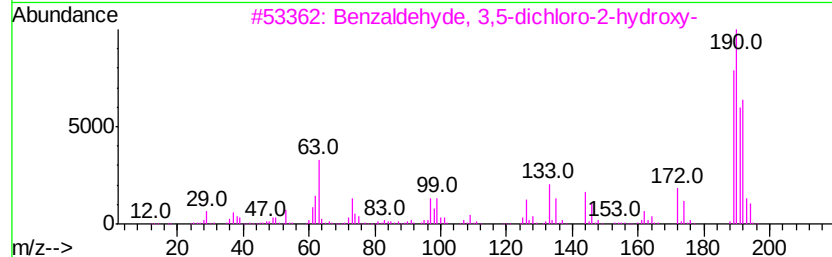
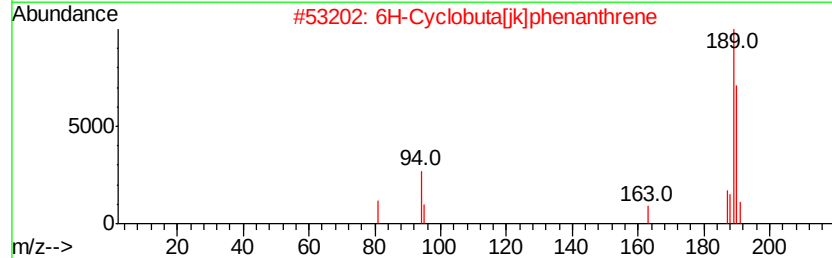
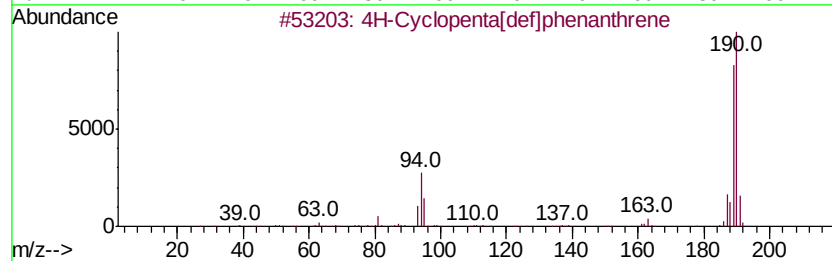
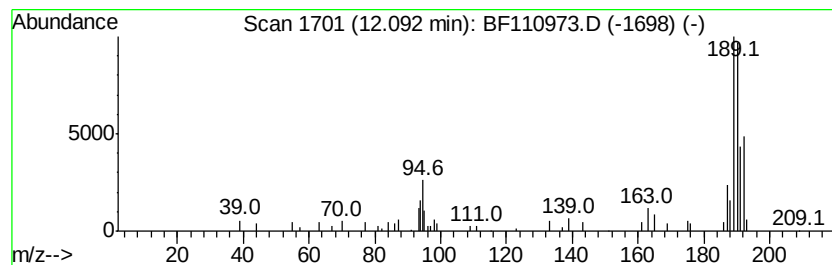
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 4H-Cyclopenta[def]phenanthrene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.09	2.44 ng	41232	Phenanthrene-d10	11.47

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	64
2		6H-Cyclobuta[ik]phenanthrene	190	C15H10	083469-43-6	58
3		Benzaldehyde, 3,5-dichloro-2-hyd...	190	C7H4Cl2O2	000090-60-8	47
4		Thiophene-3-carboxaldehyde, 5-ch...	190	C5H4BClO3S	036155-87-0	47
5		1,3-Dioxolo[4,5-g]isoquinoline, ...	341	C20H23N04	005544-49-0	16



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF112618\
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Sample : J6028-08
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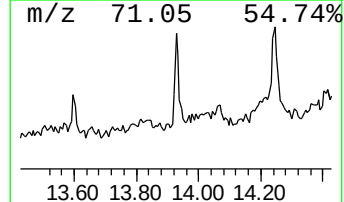
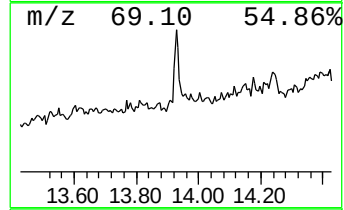
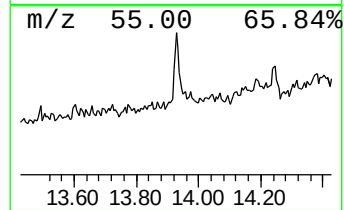
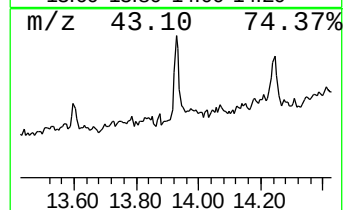
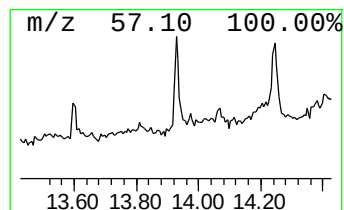
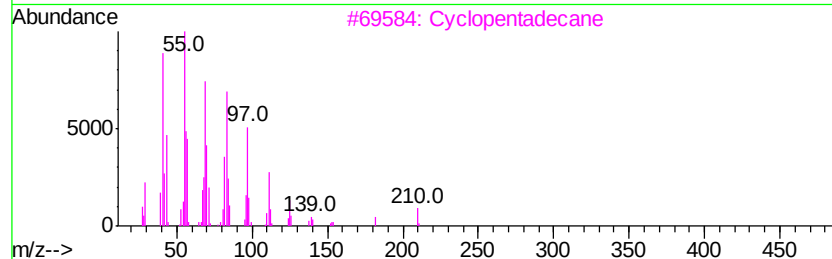
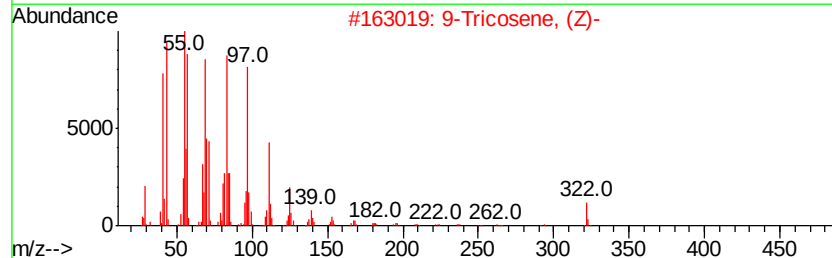
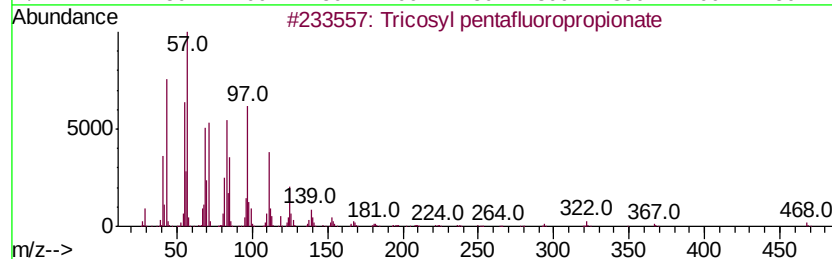
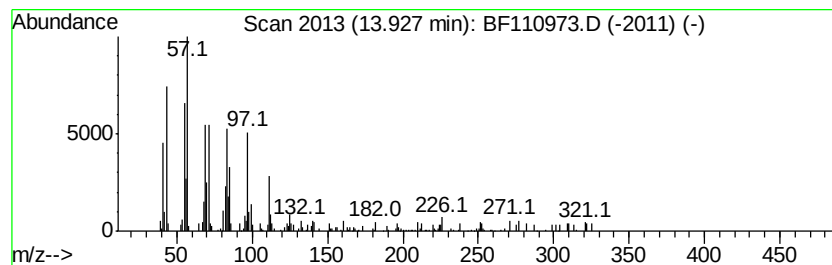
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Tricosyl pentafluoropropionate Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.	
13.93	3.75 ng	85580	Chrysene-d12	14.13	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tricosyl pentafluoropropionate	486	C26H47F5O2	1000351-81-0	87
2	9-Tricosene, (Z)-	322	C23H46	027519-02-4	86
3	Cyclopentadecane	210	C15H30	000295-48-7	83
4	Hexacosyl pentafluoropropionate	528	C29H53F5O2	1000351-81-2	83
5	Docosyl pentafluoropropionate	472	C25H45F5O2	1000351-80-9	83



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF112618\
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Sample : J6028-08
Misc :
ALS Vial : 14 Sample Multiplier: 1

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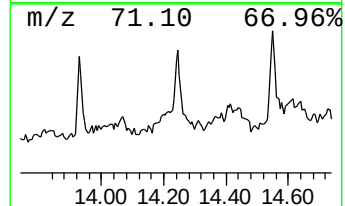
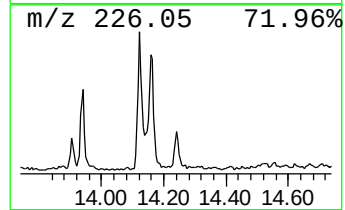
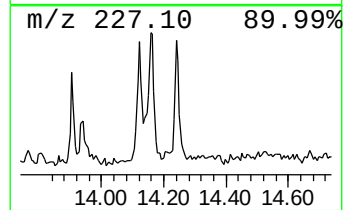
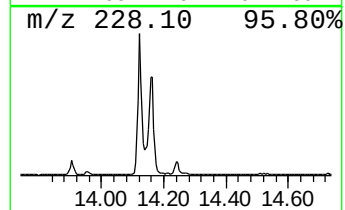
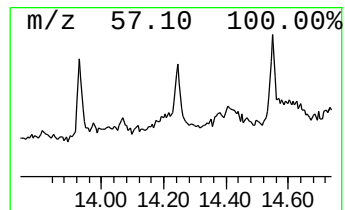
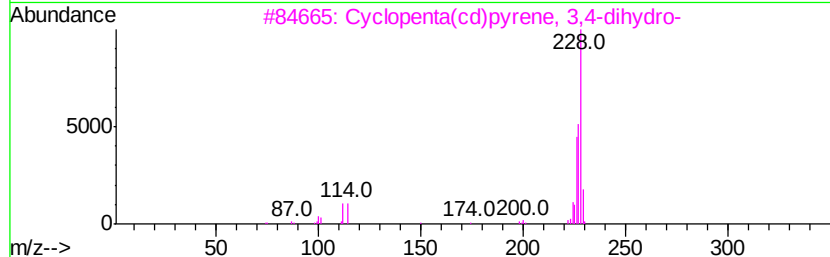
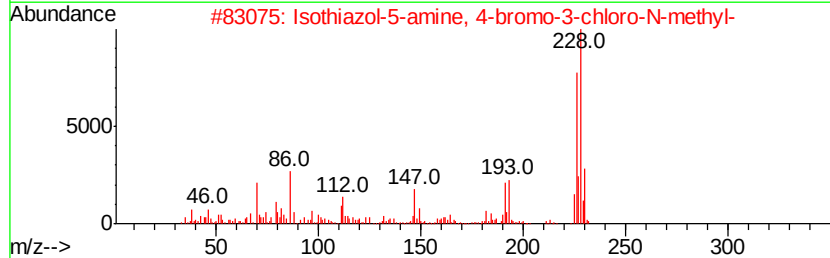
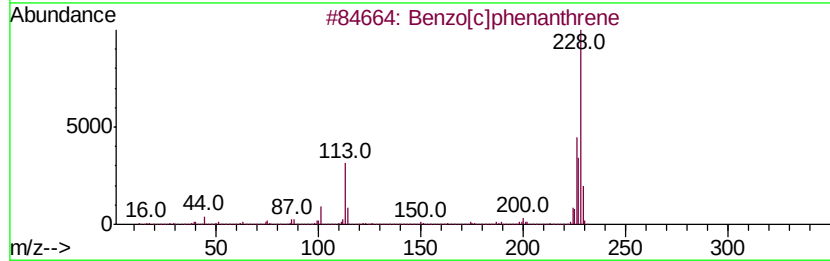
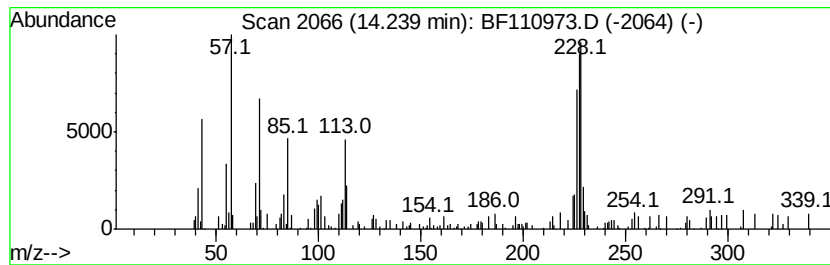
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 unknown14.24 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.24	2.37 ng	54128	Chrysene-d12	14.13

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzo[c]phenanthrene	228	C18H12	000195-19-7	43
2		Isothiazol-5-amine, 4-bromo-3-ch...	226	C4H4BrClN2S	1000272-59-9	35
3		Cyclopenta(cd)pyrene, 3,4-dihydro-	228	C18H12	025732-74-5	27
4		Triphenylene	228	C18H12	000217-59-4	27
5		Dimethyl-[4-[2-(3-methylisoxazol...	228	C14H16N2O	1000306-39-6	27



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF112618\
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Sample : J6028-08
Misc :
ALS Vial : 14 Sample Multiplier: 1

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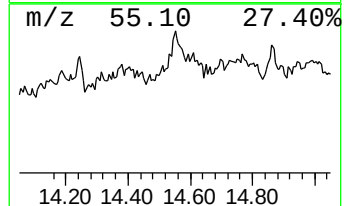
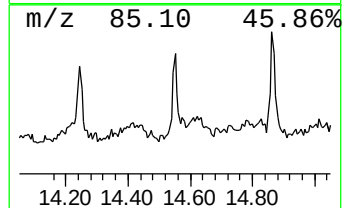
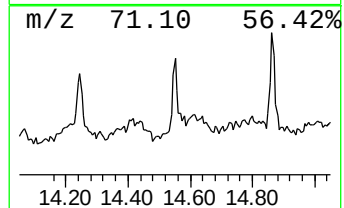
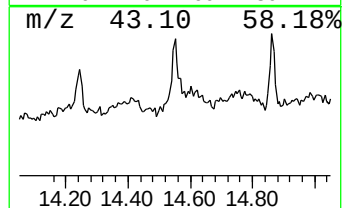
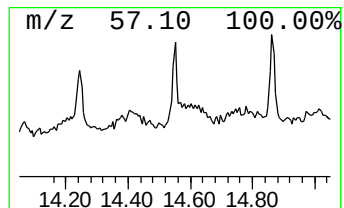
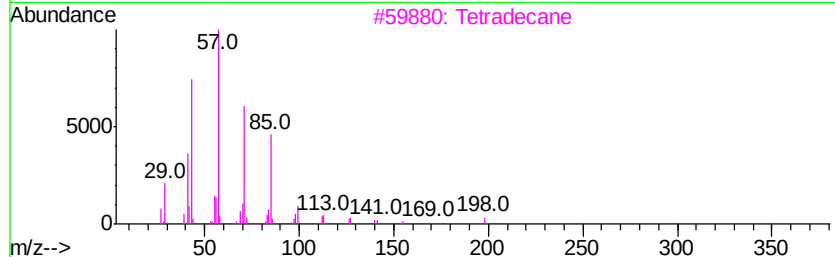
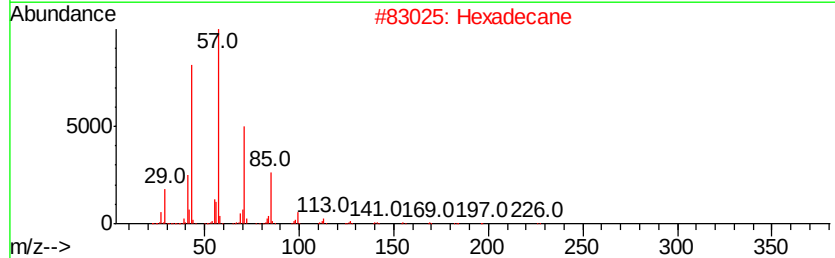
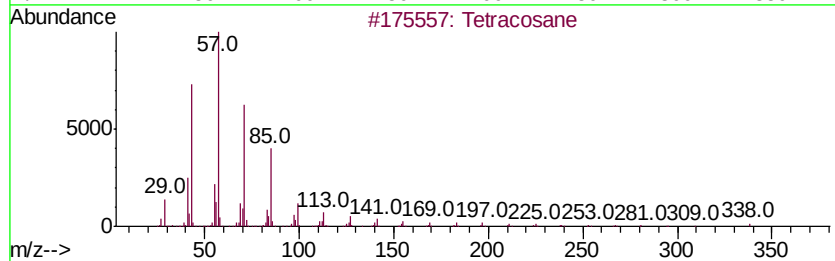
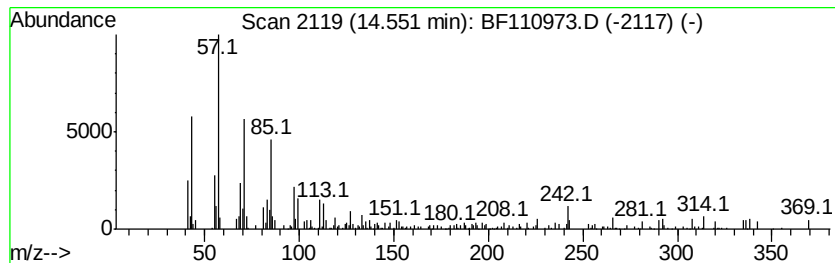
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Tetracosane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.55	3.99 ng	91085	Chrysene-d12	14.13

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Tetracosane	338	C24H50	000646-31-1	83
2		Hexadecane	226	C16H34	000544-76-3	78
3		Tetradecane	198	C14H30	000629-59-4	78
4		Sulfurous acid, butyl heptadecyl...	376	C21H44O3S	1000309-18-4	64
5		Nonadecane	268	C19H40	000629-92-5	53



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF112618\
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Sample : J6028-08
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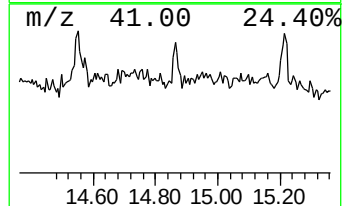
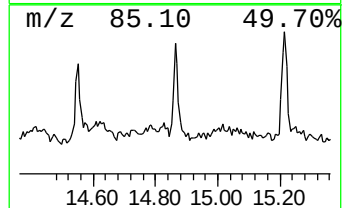
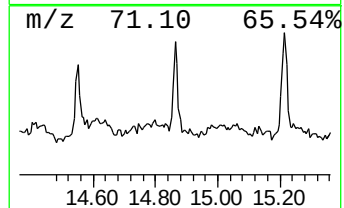
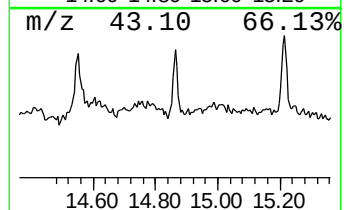
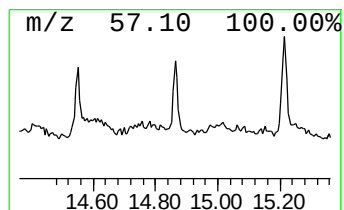
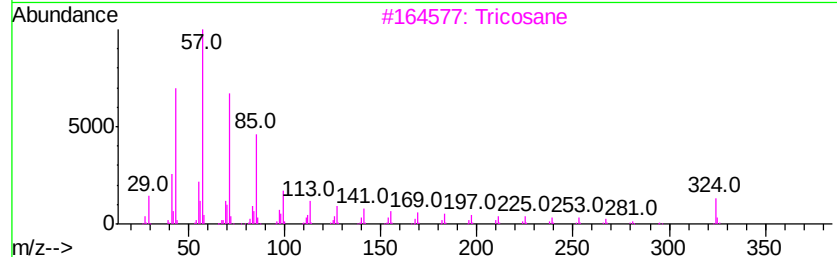
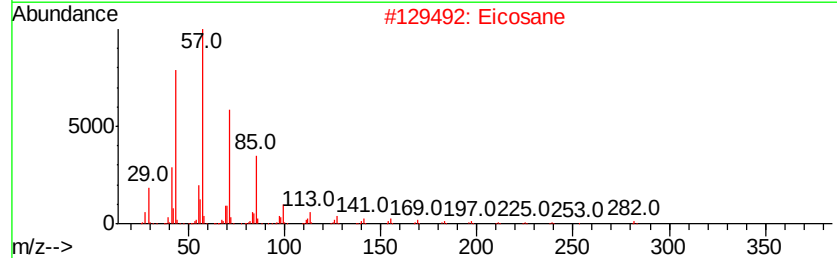
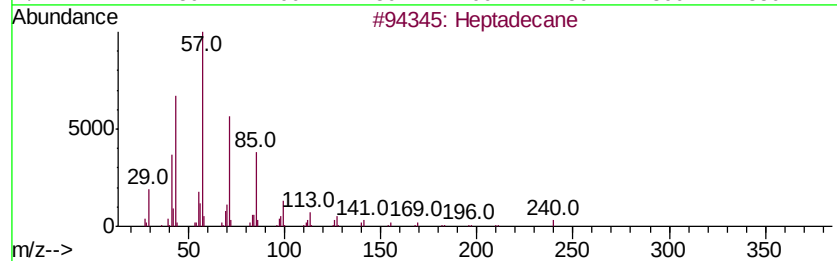
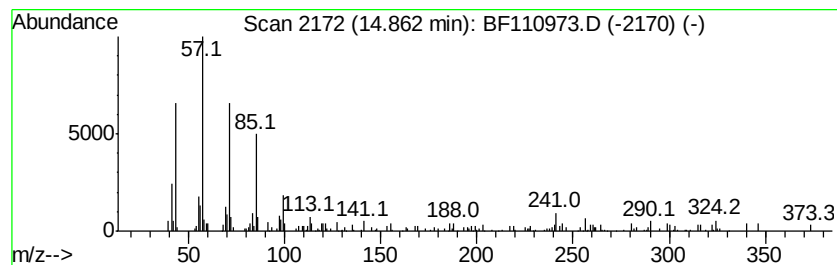
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Heptadecane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD		R.T.
14.86	3.75 ng	85590	Chrysene-d12		14.13
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	83
2	Eicosane	282	C20H42	000112-95-8	83
3	Tricosane	324	C23H48	000638-67-5	70
4	Nonadecane, 2,6,10,14-tetramethyl-	324	C23H48	055124-80-6	58
5	Hexacosane	366	C26H54	000630-01-3	58



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF112618\
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Sample : J6028-08
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF112618.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
Butane, 2-methoxy...	2.23	7.0 ng		115010	1	6.94	328665	20.0
2-Pentanone, 4-hy...	5.18	2.8 ng		45233	1	6.94	328665	20.0
unknown6.71	6.71	77.5 ng		1272700	1	6.94	328665	20.0
n-Hexadecanoic acid	11.97	5.3 ng		88735	4	11.47	338335	20.0
Anthracene, 9-met...	12.01	2.0 ng		34097	4	11.47	338335	20.0
4H-Cyclopenta[def...	12.09	2.4 ng		41232	4	11.47	338335	20.0
Tricosyl pentaflu...	13.93	3.8 ng		85580	5	14.13	456515	20.0
unknown14.24	14.24	2.4 ng		54128	5	14.13	456515	20.0
Tetracosane	14.55	4.0 ng		91085	5	14.13	456515	20.0
Heptadecane	14.86	3.8 ng		85590	5	14.13	456515	20.0