

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF100317\
 Data File : BF099037.D
 Acq On : 3 Oct 2017 18:30
 Operator : SJ/JU
 Sample : I5584-01
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-1-COMP

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:\HPCHEM1\BNA_F\METHODS\8270-BF092317.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	2.169	10	14	23	rVB	182353	274141	6.92%	0.659%
2	5.104	509	513	527	rVB	508953	726252	18.34%	1.746%
3	5.498	574	580	583	rBV	3360762	3669528	92.67%	8.820%
4	6.504	740	751	754	rBV	3000024	3826710	96.64%	9.197%
5	6.645	770	775	778	rBV	3514595	3783956	95.56%	9.095%
6	6.875	809	814	817	rBV	1040225	941764	23.78%	2.264%
7	6.998	832	835	837	rBV	50512	53488	1.35%	0.129%
8	7.033	837	841	844	rVB	2962423	2897684	73.18%	6.965%
9	7.439	904	910	913	rBV	2301975	2410047	60.87%	5.792%
10	7.510	918	922	930	rVB	42540	50557	1.28%	0.122%
11	8.151	1027	1031	1035	rBV	1318124	1193981	30.15%	2.870%
12	9.227	1209	1214	1218	rBV	3723314	3959591	100.00%	9.517%
13	9.622	1277	1281	1284	rVB	800321	651259	16.45%	1.565%
14	9.833	1310	1317	1319	rBV	41690	40357	1.02%	0.097%
15	9.910	1325	1330	1333	rBV	1513772	1278154	32.28%	3.072%
16	9.939	1333	1335	1338	rVB	190117	138380	3.49%	0.333%
17	10.110	1359	1364	1368	rVB2	91772	87664	2.21%	0.211%
18	10.333	1399	1402	1404	rVB	91224	74451	1.88%	0.179%
19	10.457	1419	1423	1426	rBV	161374	143027	3.61%	0.344%
20	10.698	1457	1464	1468	rBV	2087923	2288119	57.79%	5.499%
21	10.804	1479	1482	1491	rVB	114150	140112	3.54%	0.337%
22	11.251	1552	1558	1561	rBV2	80995	75656	1.91%	0.182%
23	11.292	1561	1565	1569	rVB2	78657	87614	2.21%	0.211%
24	11.398	1578	1583	1585	rBV	1310558	1299188	32.81%	3.123%
25	11.421	1585	1587	1590	rVV	1116702	857926	21.67%	2.062%
26	11.469	1590	1595	1598	rVB	383402	332874	8.41%	0.800%
27	11.621	1615	1621	1628	rBV2	72838	115232	2.91%	0.277%
28	11.680	1628	1631	1636	rVB2	40567	50443	1.27%	0.121%
29	11.892	1663	1667	1669	rBV	68050	61830	1.56%	0.149%
30	11.921	1669	1672	1675	rVB	103688	89753	2.27%	0.216%
31	12.010	1683	1687	1689	rBV	220429	205171	5.18%	0.493%
32	12.186	1714	1717	1720	rBV	68367	59100	1.49%	0.142%
33	12.433	1755	1759	1763	rBV2	31183	50867	1.28%	0.122%
34	12.486	1763	1768	1773	rVB2	71820	95513	2.41%	0.230%

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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	12.610	1785	1789	1792	rBV	1526073	1272156	32.13%	3.058%
36	12.839	1821	1828	1831	rBV	1142862	1186415	29.96%	2.852%
37	12.980	1844	1852	1855	rBV	2984075	2918981	73.72%	7.016%
38	13.045	1859	1863	1868	rBV2	30558	52881	1.34%	0.127%
39	13.163	1880	1883	1887	rVB	96513	85177	2.15%	0.205%
40	13.227	1891	1894	1897	rBV	96246	77941	1.97%	0.187%
41	13.268	1897	1901	1903	rBV2	44783	46760	1.18%	0.112%
42	13.780	1984	1988	1991	rBV	56066	53323	1.35%	0.128%
43	13.833	1995	1997	2000	rVV2	47554	58252	1.47%	0.140%
44	13.862	2000	2002	2011	rVB3	167687	194359	4.91%	0.467%
45	14.033	2022	2031	2033	rBV2	964073	1133692	28.63%	2.725%
46	14.057	2033	2035	2041	rVB	373488	305789	7.72%	0.735%
47	14.139	2043	2049	2052	rBV	93243	85299	2.15%	0.205%
48	14.509	2105	2112	2115	rBV5	21238	42855	1.08%	0.103%
49	15.074	2203	2208	2211	rBV	234291	344587	8.70%	0.828%
50	15.180	2223	2226	2231	rVB	40457	42472	1.07%	0.102%
51	15.380	2256	2260	2265	rVB	143152	173330	4.38%	0.417%
52	15.439	2265	2270	2276	rBV	211035	254915	6.44%	0.613%
53	15.509	2276	2282	2285	rVV	551723	700543	17.69%	1.684%
54	15.533	2285	2286	2293	rVB	63162	69922	1.77%	0.168%
55	16.980	2526	2532	2541	rVB2	99777	192591	4.86%	0.463%
56	17.156	2554	2562	2567	rBV4	25151	59695	1.51%	0.143%
57	17.427	2600	2608	2621	rBV	86559	193820	4.89%	0.466%
58	17.668	2644	2649	2660	rVV2	22747	50261	1.27%	0.121%

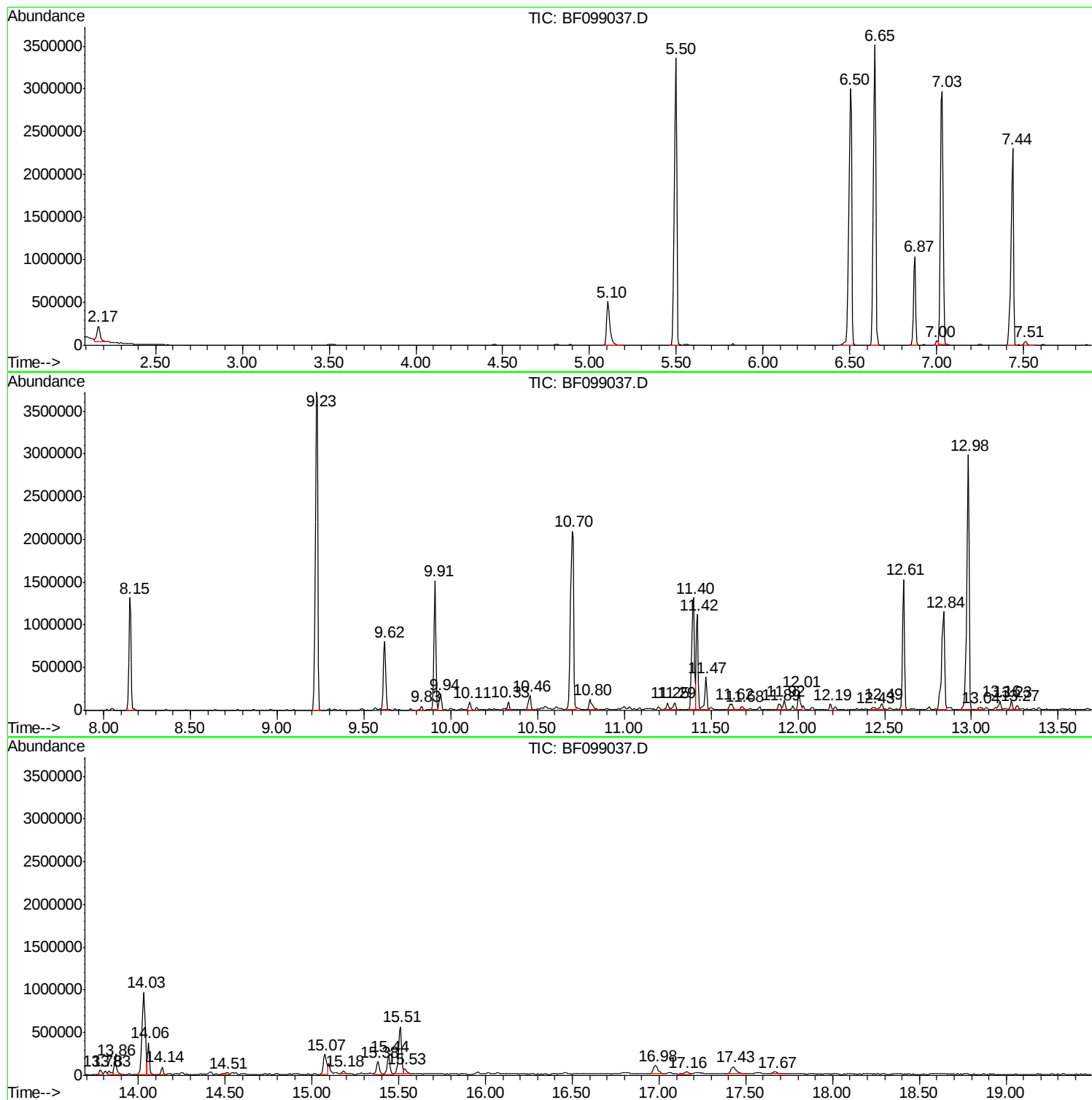
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Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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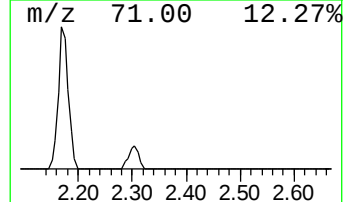
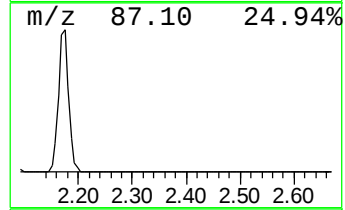
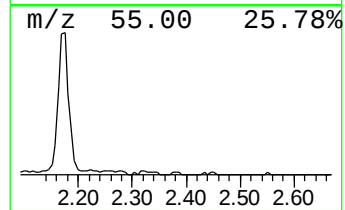
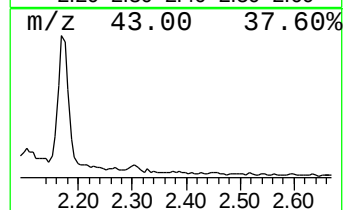
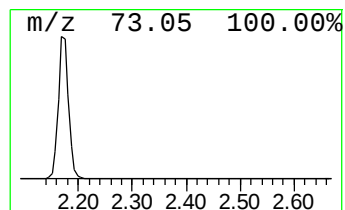
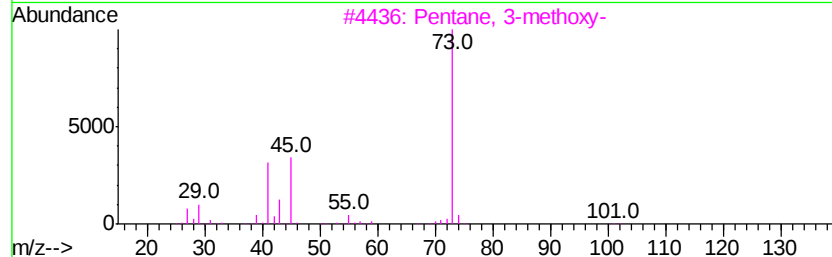
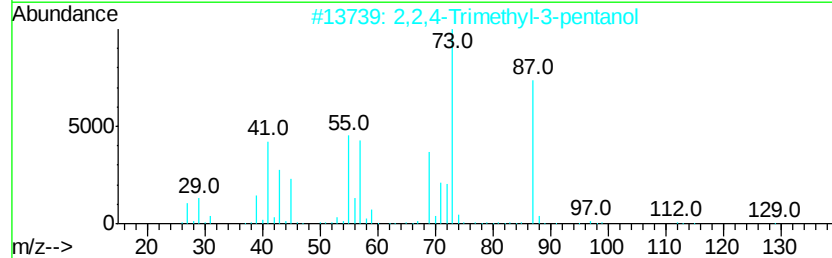
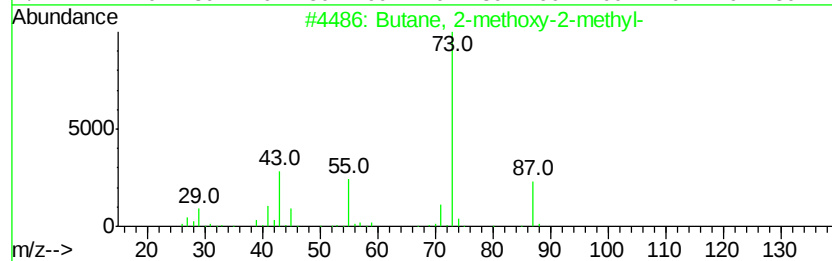
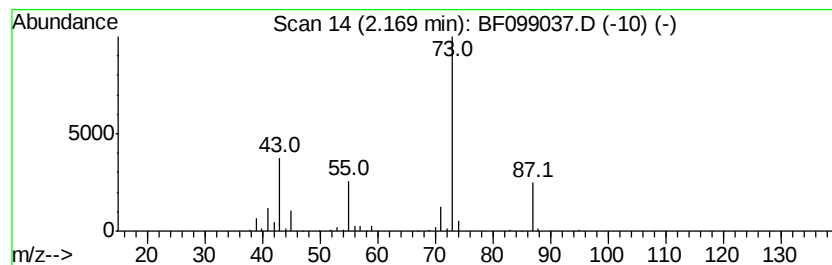
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.17	5.82 ng	274141	1,4-Dichlorobenzene-d4	6.87

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	78
2			2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	40
3			Pentane, 3-methoxy-	102	C6H14O	036839-67-5	17
4			Silane, tetramethyl-	88	C4H12Si	000075-76-3	12
5			Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	10



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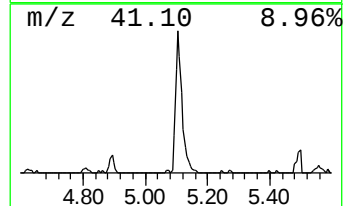
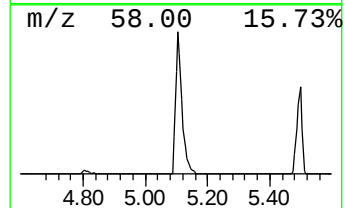
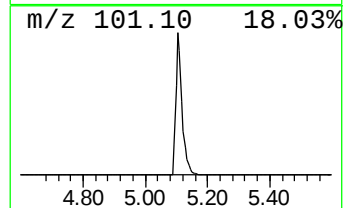
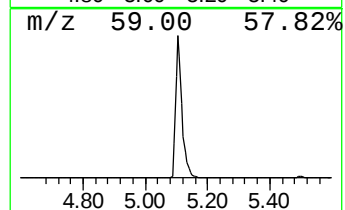
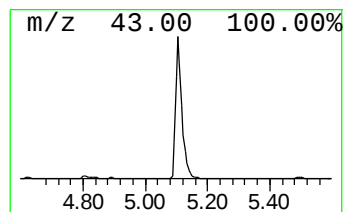
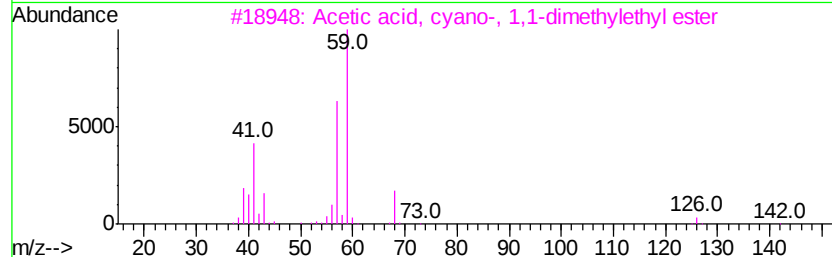
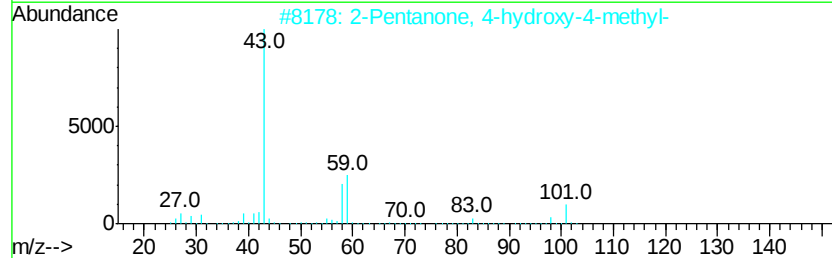
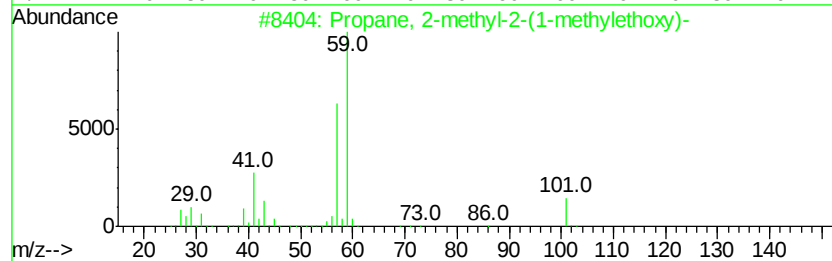
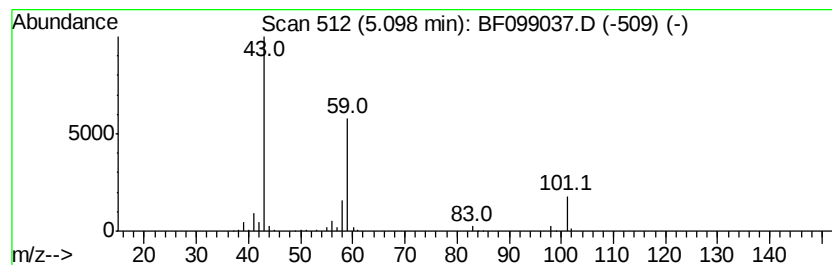
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 Propane, 2-methyl-2-(1-meth... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.10	15.42 ng	726252	1,4-Dichlorobenzene-d4	6.87

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propane, 2-methyl-2-(1-methyleth...	116	C7H16O		017348-59-3	53
2	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2		000123-42-2	50
3	Acetic acid, cyano-, 1,1-dimethv...	141	C7H11NO2		001116-98-9	23
4	Morpholine, 4-methyl-	101	C5H11NO		000109-02-4	9
5	2,3-Butanedione, monooxime	101	C4H7NO2		000057-71-6	9



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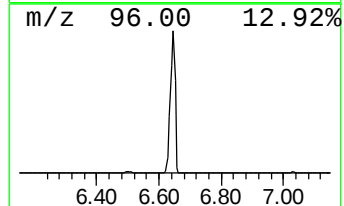
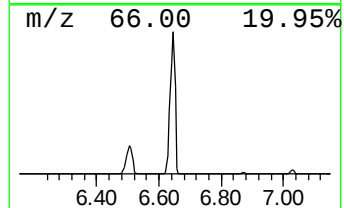
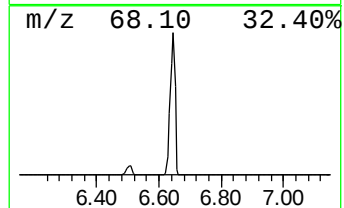
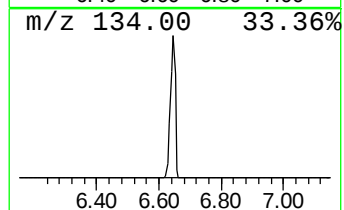
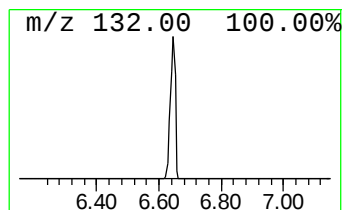
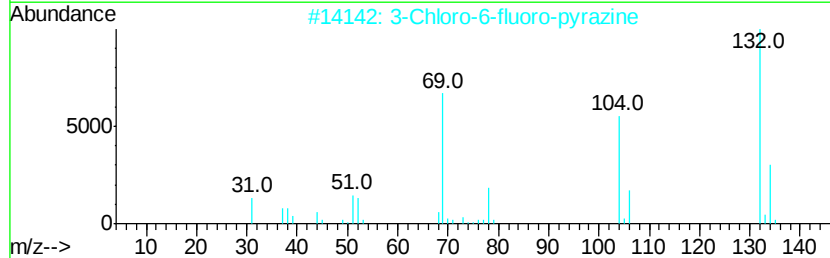
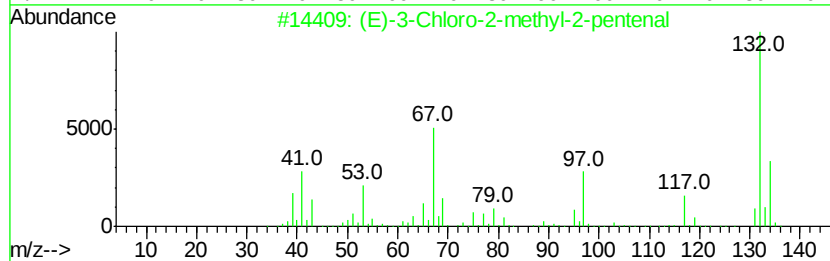
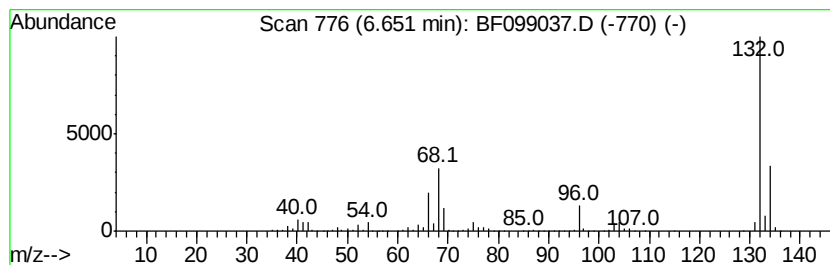
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 unknown6.65 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.65	80.36 ng	3783960	1,4-Dichlorobenzene-d4	6.87

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	25
2		3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	25
3		5-Aminoindole	132	C8H8N2	005192-03-0	12
4		4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9
5		4-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-60-2	9



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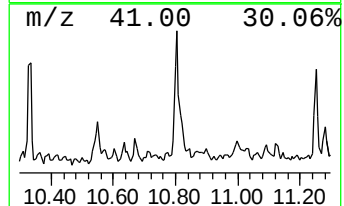
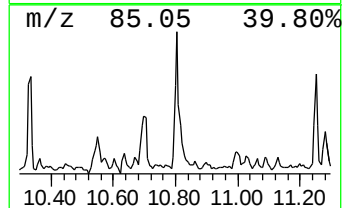
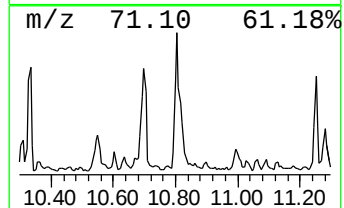
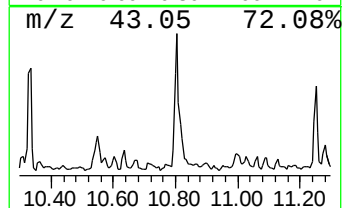
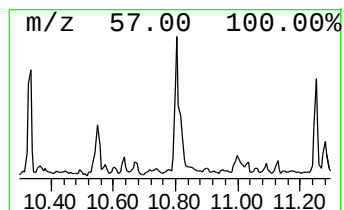
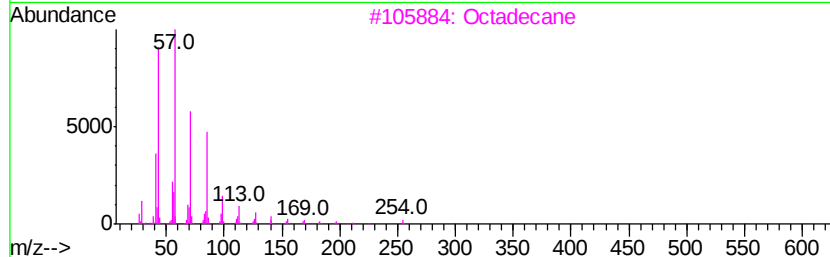
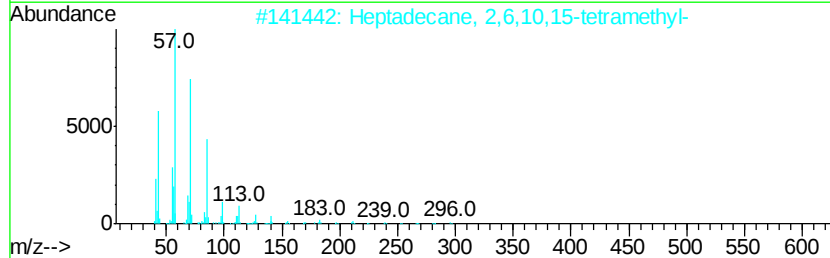
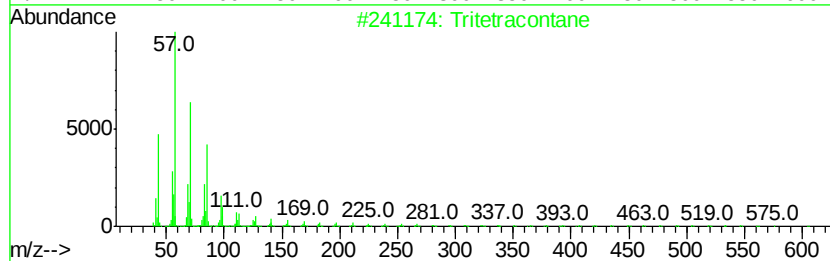
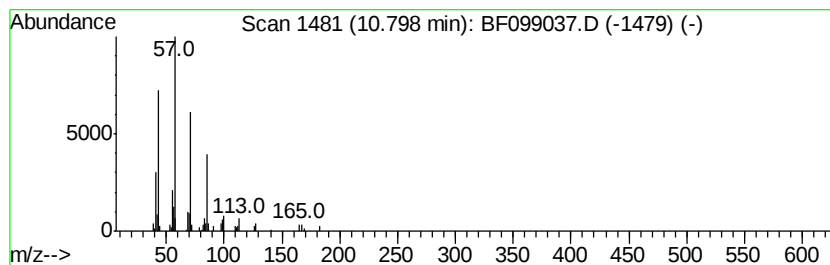
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Tritetracontane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.80	2.16 ng	140112	Phenanthrene-d10	11.40

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Tritetracontane	605	C43H88	007098-21-7	90
2		Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	90
3		Octadecane	254	C18H38	000593-45-3	90
4		Hexadecane	226	C16H34	000544-76-3	90
5		Heptadecane	240	C17H36	000629-78-7	90



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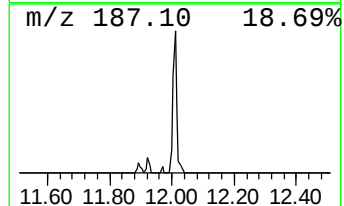
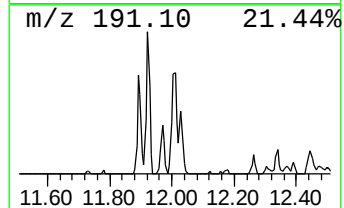
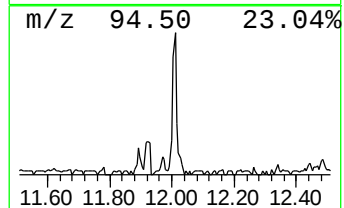
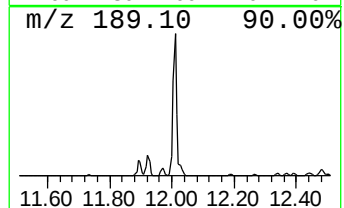
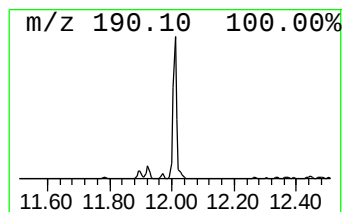
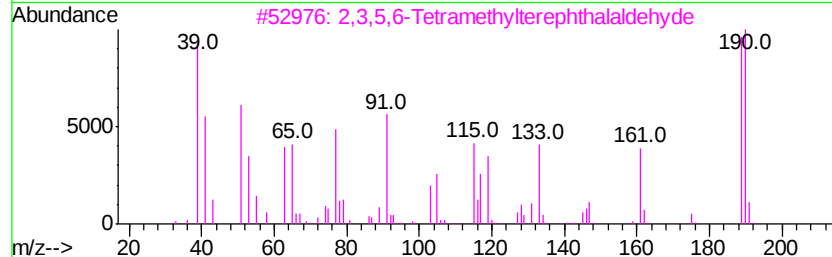
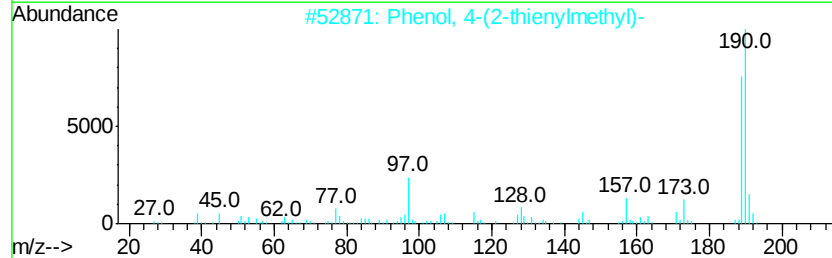
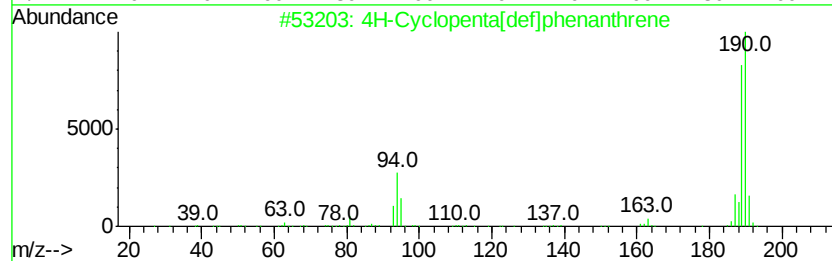
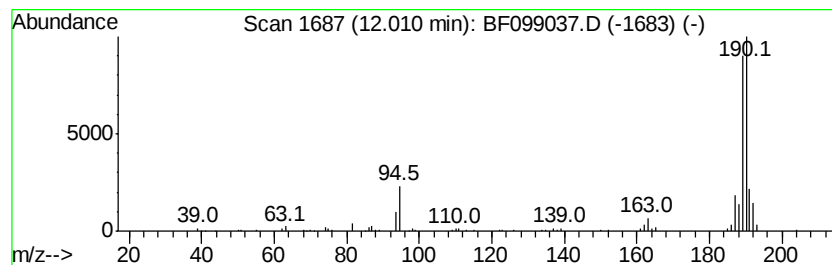
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 4H-Cyclopenta[def]phenanthrene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.01	3.16 ng	205171	Phenanthrene-d10	11.40

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	95
2		Phenol, 4-(2-thienylmethyl)-	190	C11H10OS	091680-55-6	64
3		2,3,5,6-Tetramethylterephthalald...	190	C12H14O2	007072-01-7	53
4		Methyl diselenide	190	C2H6Se2	007101-31-7	49
5		Thiophene-3-carboxaldehyde, 5-ch...	190	C5H4BClO3S	036155-87-0	42



Data Path : Z:\HPCHEM1\BNA F\DATA\BF100317\
Data File : BF099037.D
Acq On : 3 Oct 2017 18:30
Operator : SJ/JU
Sample : I5584-01
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-1-COMP

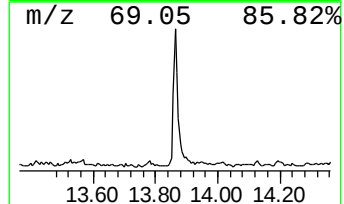
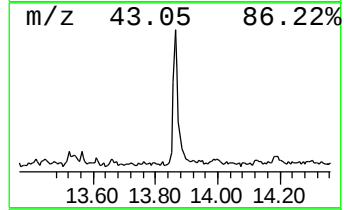
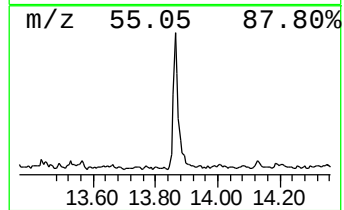
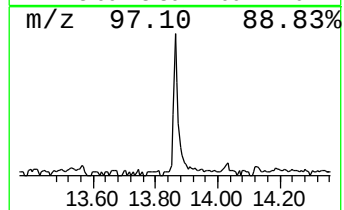
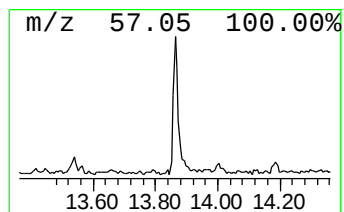
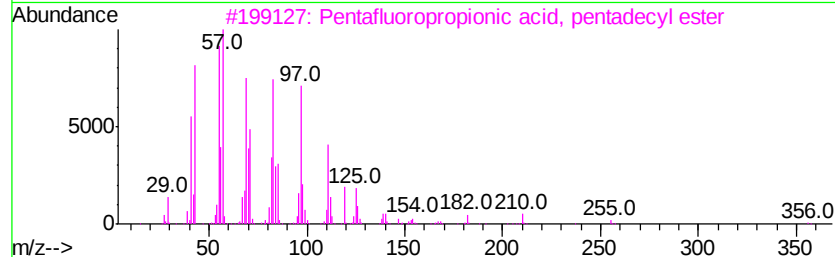
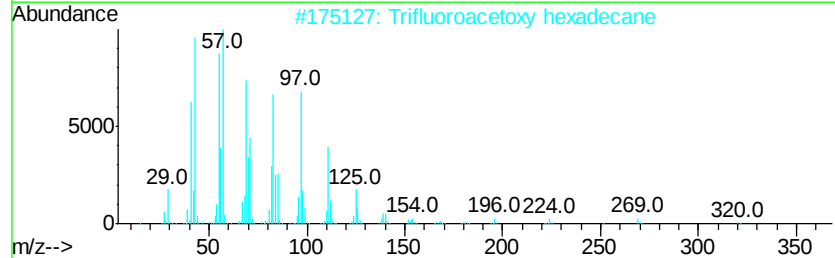
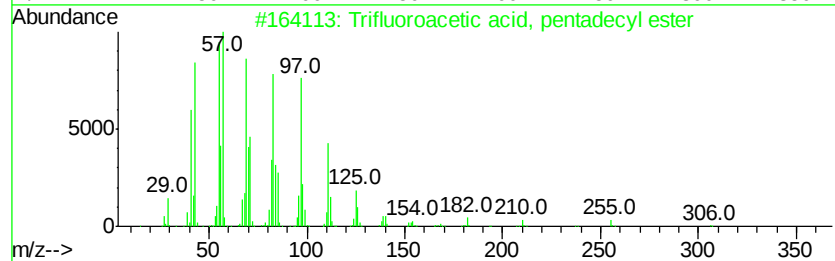
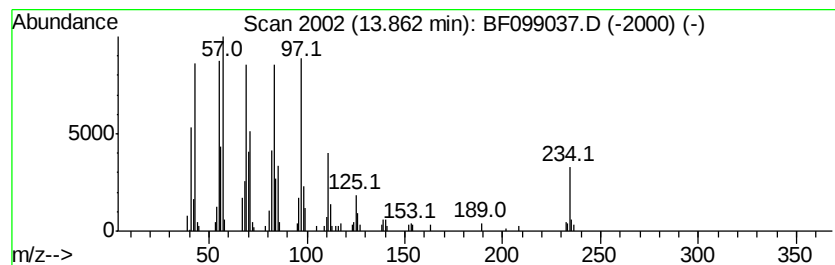
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Trifluoroacetic acid, penta... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.86	3.43 ng	194359	Chrysene-d12	14.03

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Trifluoroacetic acid, pentadecyl...	324	C17H31F3O2	959010-23-2	95
2		Trifluoroacetoxy hexadecane	338	C18H33F3O2	006222-03-3	95
3		Pentafluoropropionic acid, penta...	374	C18H31F5O2	959092-08-1	95
4		Heptafluorobutyric acid, pentade...	424	C19H31F7O2	959261-23-5	95
5		Heptafluorobutyric acid, n-tetra...	410	C18H29F7O2	007365-36-8	93



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF100317\
Data File : BF099037.D
Acq On : 3 Oct 2017 18:30
Operator : SJ/JU
Sample : I5584-01
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-1-COMP

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092317.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...	2.17	5.8	ng	274141	1	6.87	941764	20.0
Propane, 2-methyl...	5.10	15.4	ng	726252	1	6.87	941764	20.0
unknown6.65	6.65	80.4	ng	3783960	1	6.87	941764	20.0
Tritetracontane	10.80	2.2	ng	140112	4	11.40	1299190	20.0
4H-Cyclopenta[def...	12.01	3.2	ng	205171	4	11.40	1299190	20.0
Trifluoroacetic a...	13.86	3.4	ng	194359	5	14.03	1133690	20.0