

Data Path : Z:\HPCHEM1\BNA F\DATA\BF112717\
 Data File : BF100886.D
 Acq On : 27 Nov 2017 12:38
 Operator : SJ/JU
 Sample : I6574-03
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EPE-120-4-(0-5)

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-BF110817.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	5.081	505	509	516	rBV	78621	94325	6.29%	0.721%
2	5.475	572	576	579	rBV	1162046	1045626	69.68%	7.990%
3	6.486	743	748	759	rBV	1235203	1173581	78.21%	8.968%
4	6.628	767	772	775	rBV	1301845	1174202	78.25%	8.973%
5	6.857	807	811	814	rBV	573831	454671	30.30%	3.474%
6	7.010	833	837	841	rBV	1064365	956634	63.75%	7.310%
7	7.422	901	907	910	rBV	766676	756521	50.41%	5.781%
8	8.139	1025	1029	1032	rBV	743393	610738	40.70%	4.667%
9	9.216	1206	1212	1215	rBV	1637317	1500590	100.00%	11.467%
10	9.286	1220	1224	1227	rVV	33134	25768	1.72%	0.197%
11	9.604	1273	1278	1281	rBV	186520	147944	9.86%	1.131%
12	9.816	1306	1314	1318	rBV	87974	72262	4.82%	0.552%
13	9.892	1323	1327	1331	rBV	775019	699160	46.59%	5.343%
14	10.045	1349	1353	1357	rBV5	11758	19498	1.30%	0.149%
15	10.139	1365	1369	1373	rBV2	13884	15655	1.04%	0.120%
16	10.316	1396	1399	1402	rVB	94975	69925	4.66%	0.534%
17	10.533	1431	1436	1439	rBV	21622	25896	1.73%	0.198%
18	10.680	1458	1461	1467	rVB	781772	688680	45.89%	5.263%
19	10.786	1476	1479	1489	rVB	71475	76583	5.10%	0.585%
20	11.233	1552	1555	1558	rBV	29769	26844	1.79%	0.205%
21	11.380	1576	1580	1583	rBV	877771	720237	48.00%	5.504%
22	11.892	1662	1667	1672	rBV2	22353	28726	1.91%	0.220%
23	12.592	1783	1786	1791	rVB	53027	40561	2.70%	0.310%
24	12.821	1820	1825	1828	rBV	46157	42517	2.83%	0.325%
25	12.962	1845	1849	1853	rBV	1452353	1378410	91.86%	10.533%
26	13.145	1873	1880	1885	rBV4	8603	21414	1.43%	0.164%
27	13.498	1936	1940	1942	rBV	17198	18837	1.26%	0.144%
28	13.851	1996	2000	2006	rVB2	65307	75233	5.01%	0.575%
29	14.021	2025	2029	2032	rBV	509591	483516	32.22%	3.695%
30	15.056	2201	2205	2212	rBV2	24093	44335	2.95%	0.339%
31	15.115	2212	2215	2219	rVV	22034	23112	1.54%	0.177%
32	15.427	2264	2268	2272	rVB2	17212	22048	1.47%	0.168%
33	15.492	2273	2279	2287	rBV	369922	457780	30.51%	3.498%
34	16.180	2392	2396	2405	rVB6	17880	32243	2.15%	0.246%

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ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EPE-120-4-(0-5)

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

Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110817.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	16.627	2466	2472	2476	rVB6	13025	25232	1.68%	0.193%
36	16.956	2524	2528	2533	rVB5	9866	16624	1.11%	0.127%
37	17.203	2565	2570	2576	rBV8	10287	20527	1.37%	0.157%

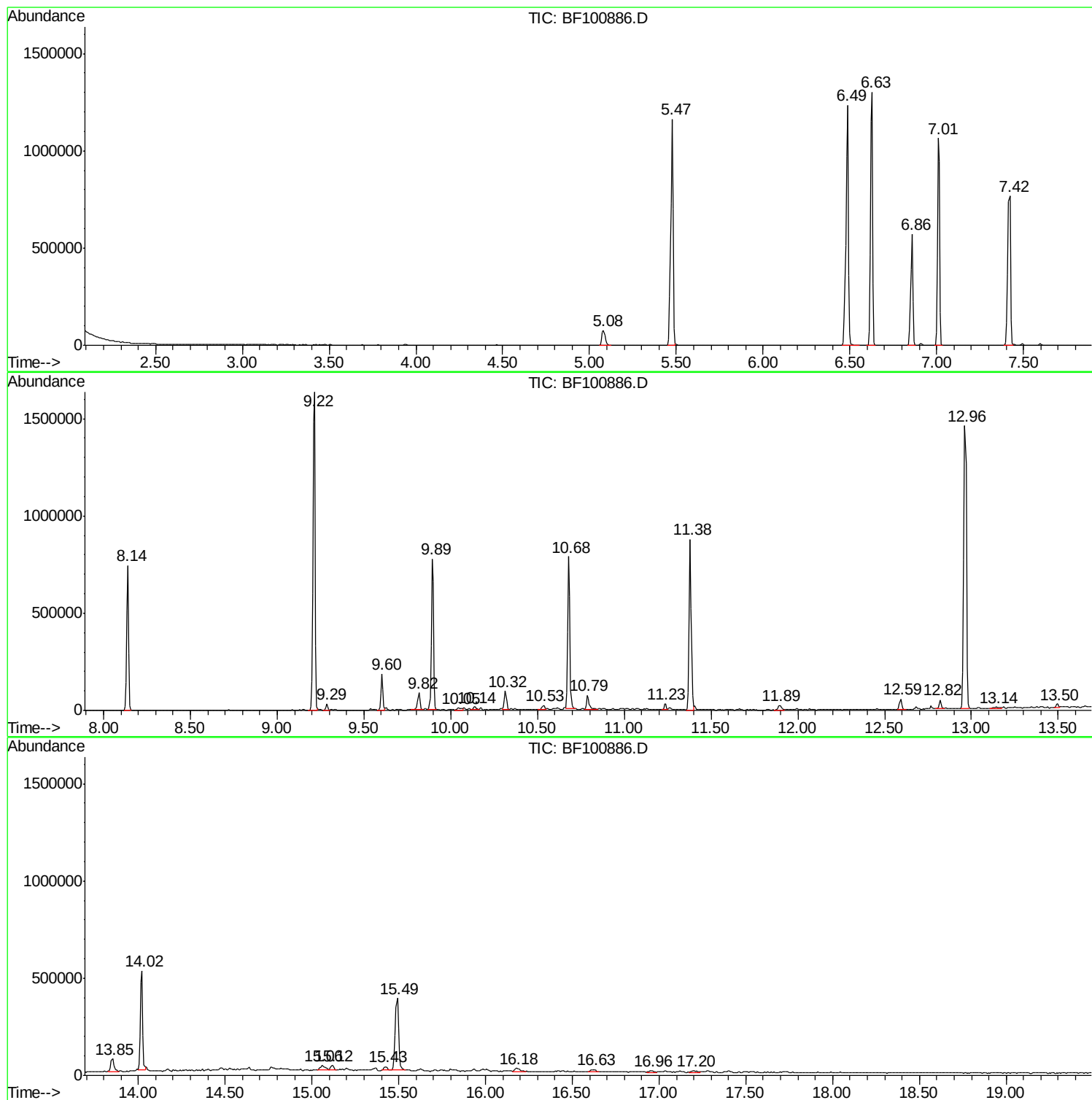
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Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110817.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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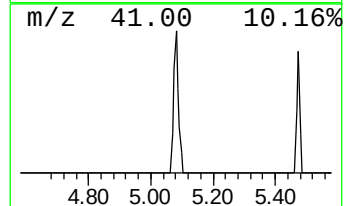
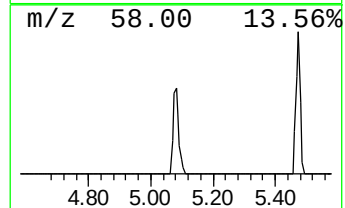
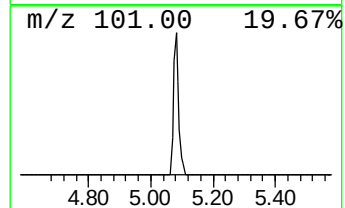
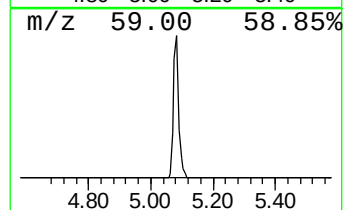
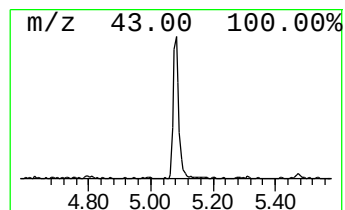
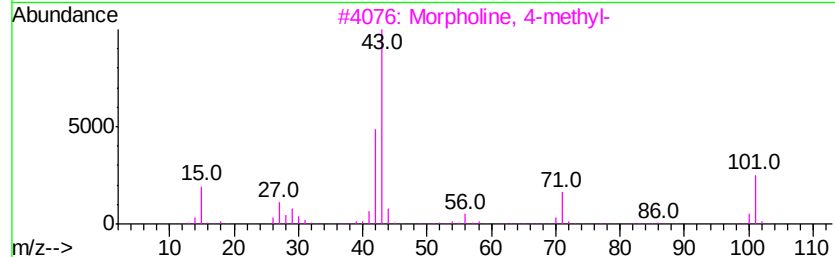
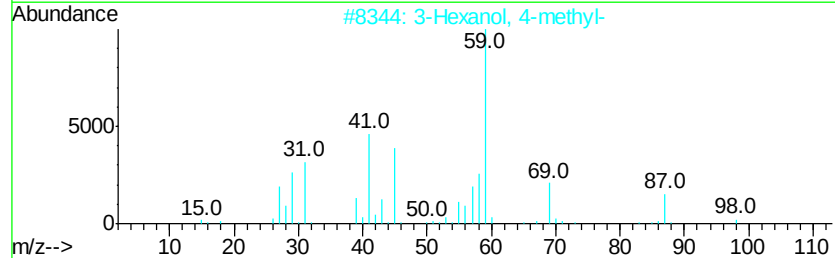
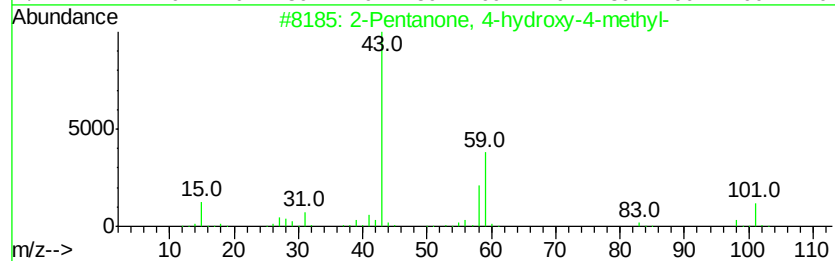
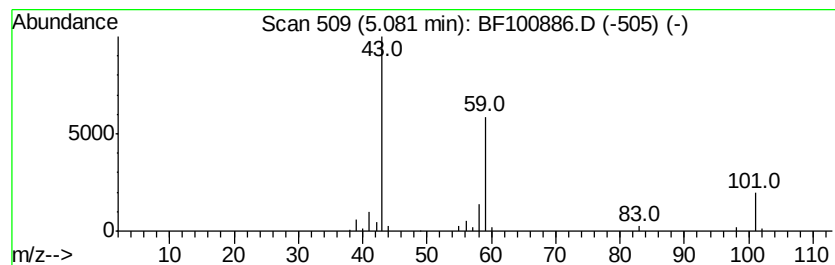
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.08	4.15 ng	94325	1,4-Dichlorobenzene-d4	6.86

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
2			3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	28
3			Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9
4			(+)-4-Amino-4,5-dihydro-2(3H)-f...	101	C4H7NO2	016504-58-8	9
5			Butane, 1-ethoxy-	102	C6H14O	000628-81-9	9



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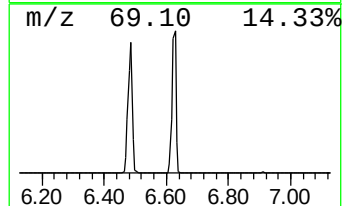
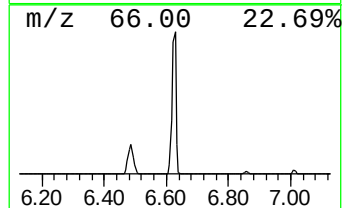
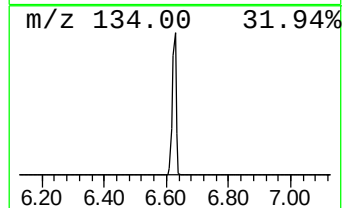
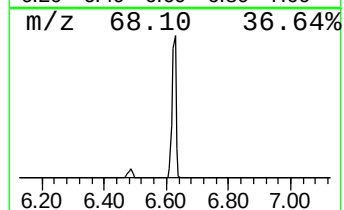
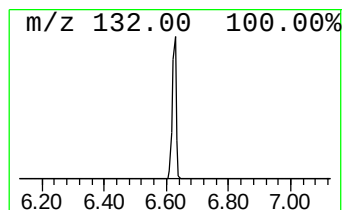
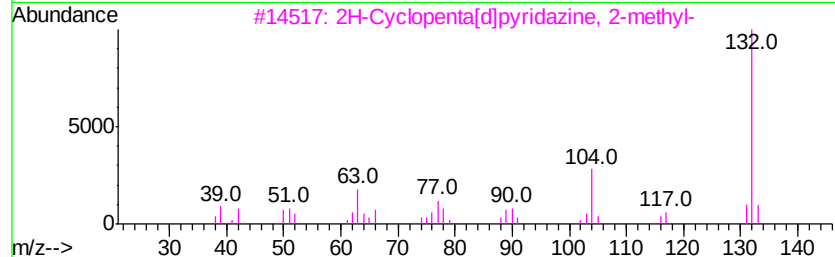
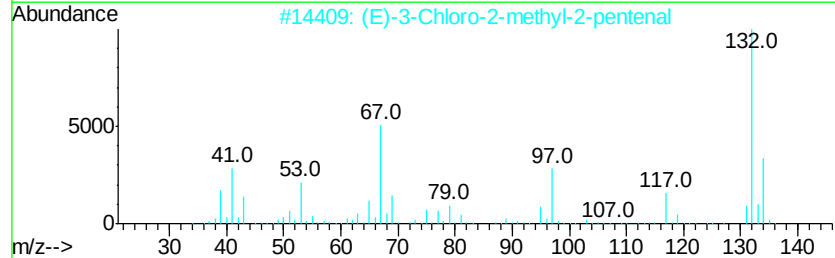
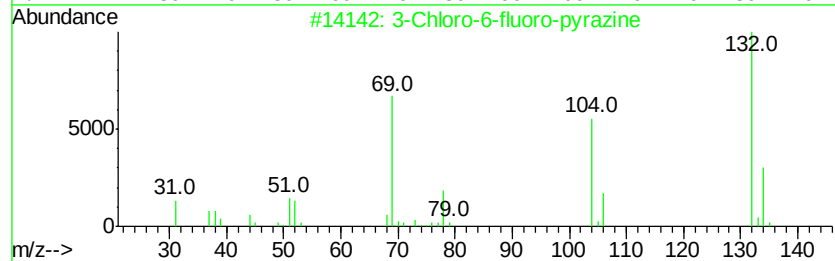
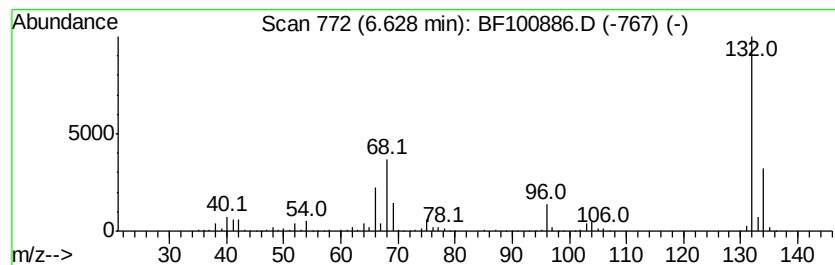
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 2 unknown6.63 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.63	51.65 ng	1174200	1,4-Dichlorobenzene-d4	6.86

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	25
2		(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	17
3		2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	9
4		1-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-59-9	9
5		4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9



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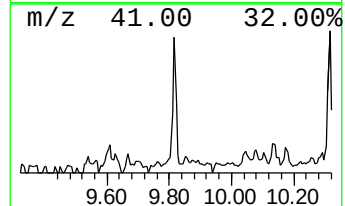
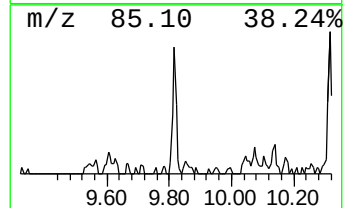
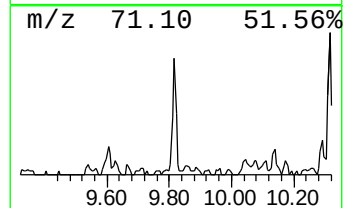
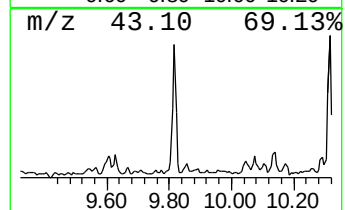
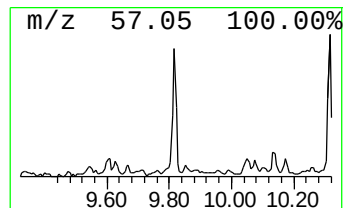
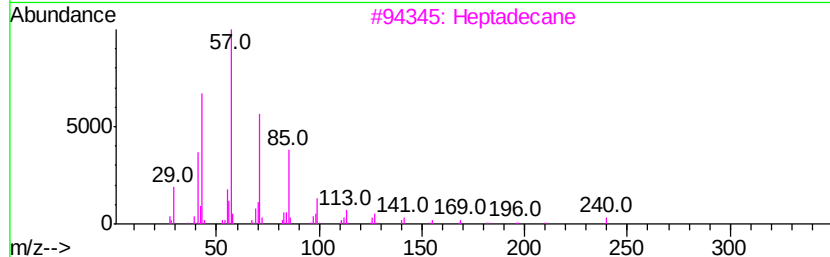
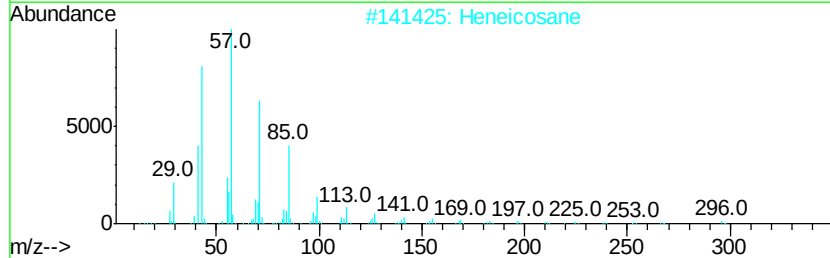
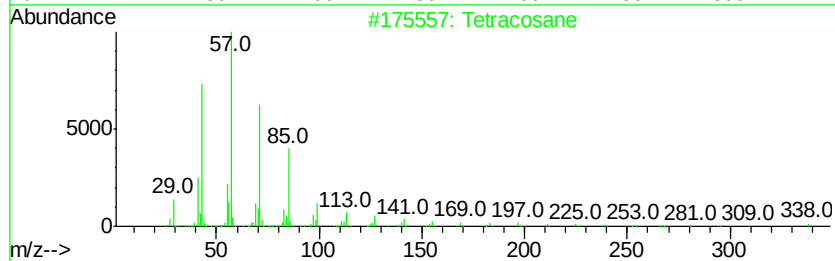
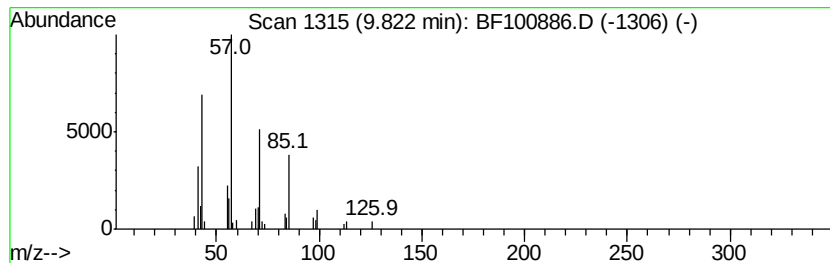
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 Tetracosane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.82	2.07 ng	72262	Acenaphthene-d10	9.89

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tetracosane	338	C24H50	000646-31-1	90
2		Heneicosane	296	C21H44	000629-94-7	90
3		Heptadecane	240	C17H36	000629-78-7	86
4		Octane, 2,4,6-trimethyl-	156	C11H24	062016-37-9	86
5		Hexadecane	226	C16H34	000544-76-3	86



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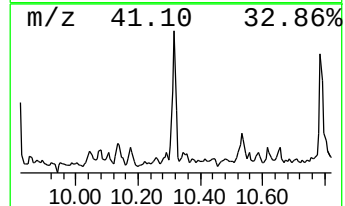
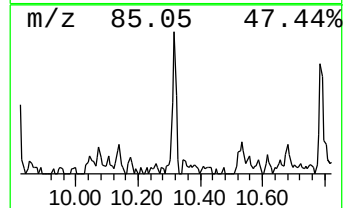
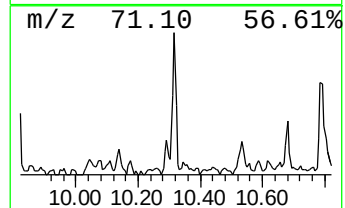
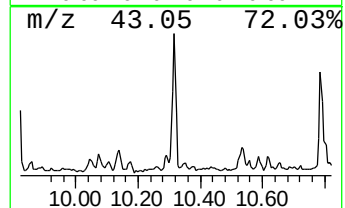
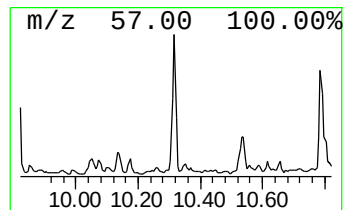
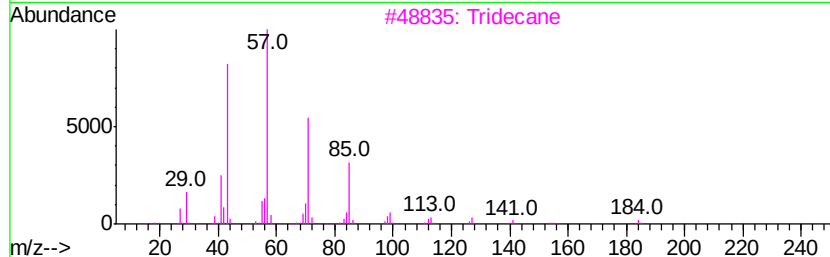
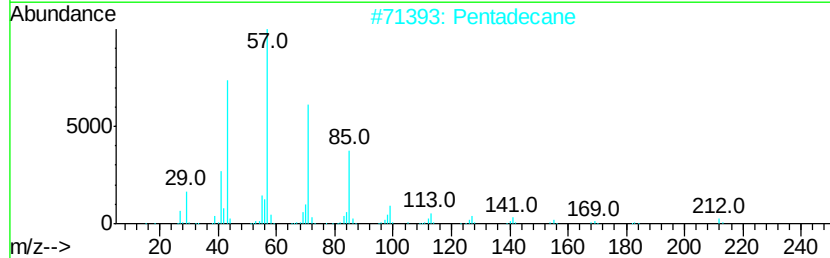
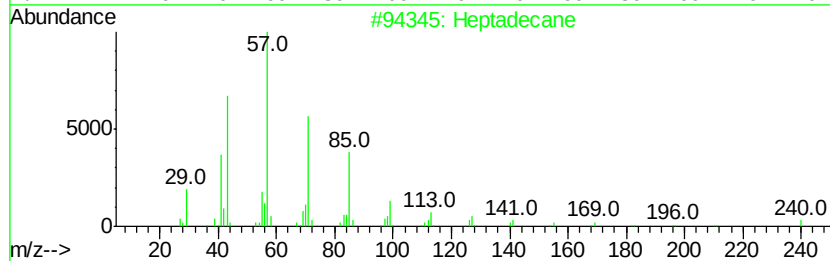
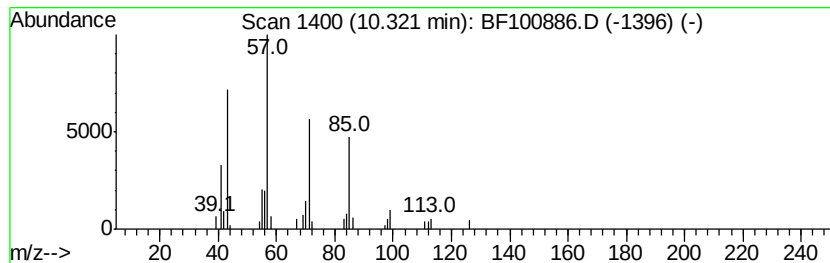
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Heptadecane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.	
10.32	2.00 ng	69925	Acenaphthene-d10	9.89	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	90
2	Pentadecane	212	C15H32	000629-62-9	86
3	Tridecane	184	C13H28	000629-50-5	86
4	Tetradecane	198	C14H30	000629-59-4	86
5	Hexadecane	226	C16H34	000544-76-3	80



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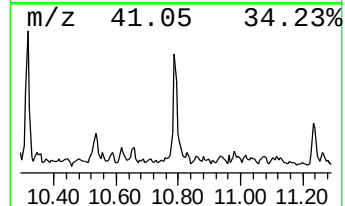
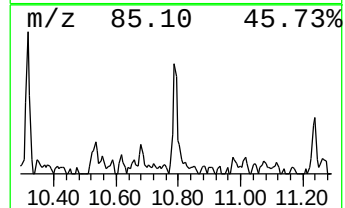
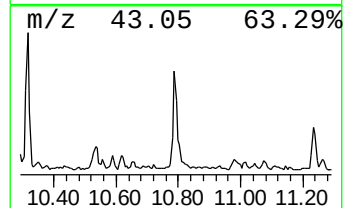
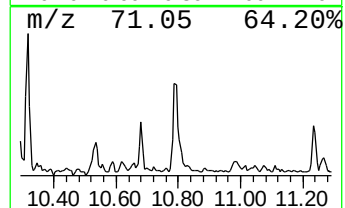
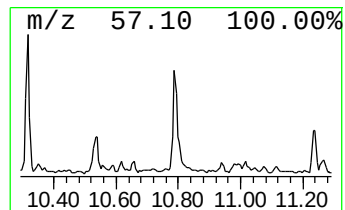
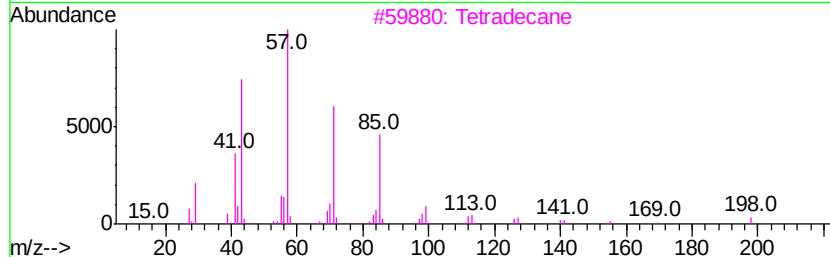
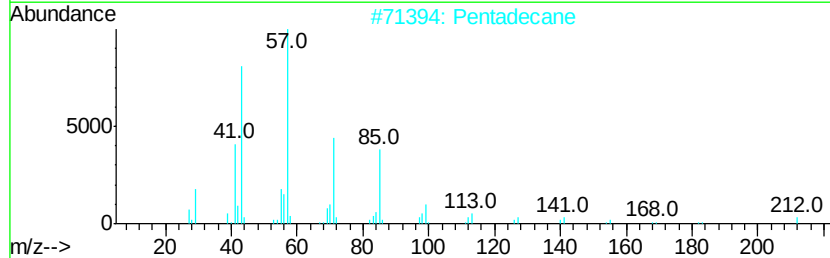
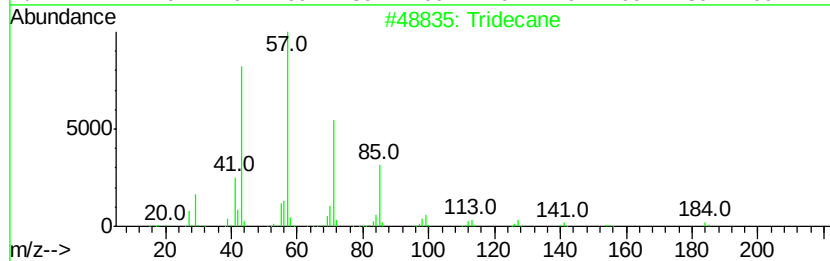
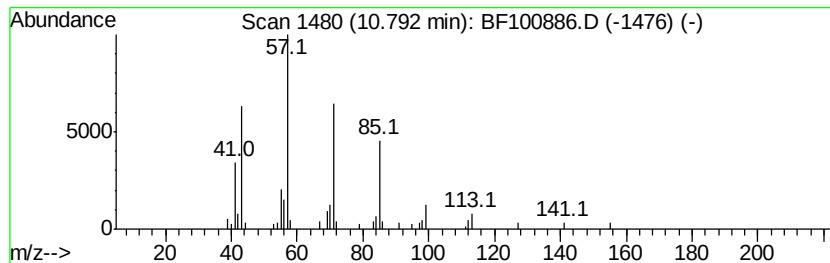
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 6 Tridecane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.	
10.79	2.13 ng	76583	Phenanthrene-d10	11.38	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	86
2	Pentadecane	212	C15H32	000629-62-9	86
3	Tetradecane	198	C14H30	000629-59-4	86
4	Octacosane	394	C28H58	000630-02-4	83
5	Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	83



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Misc :
ALS Vial : 8 Sample Multiplier: 1

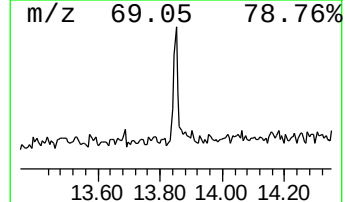
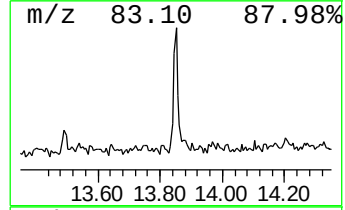
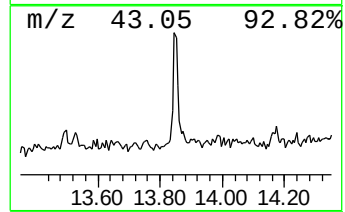
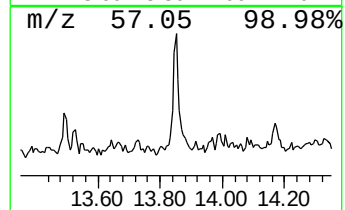
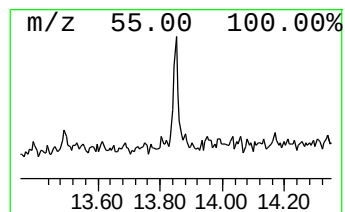
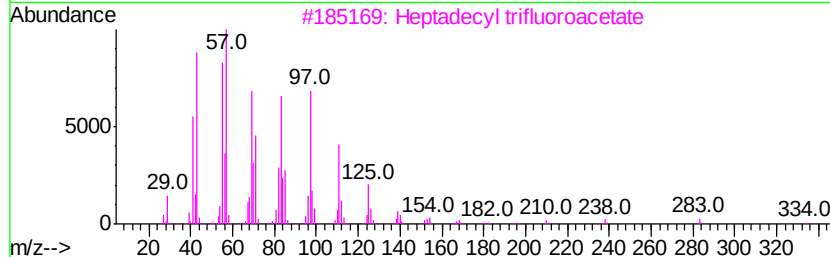
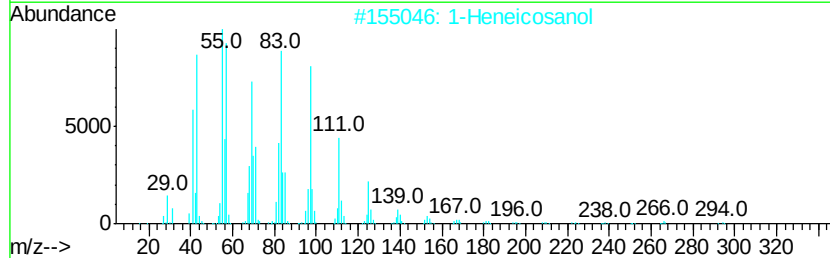
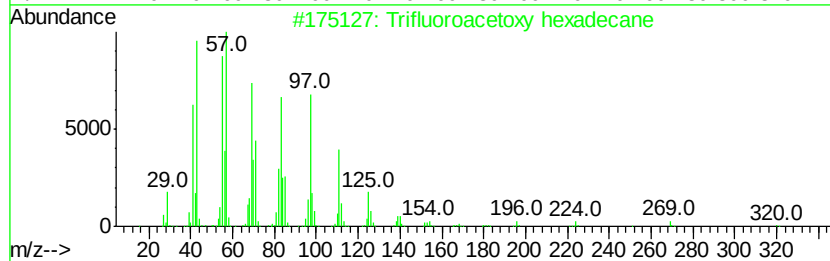
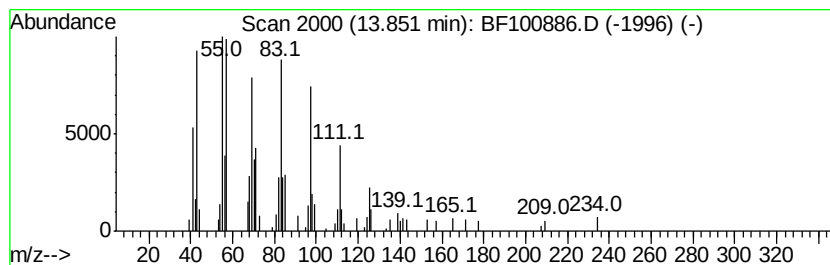
Instrument :
BNA_F
ClientSampleId :
EPE-120-4-(0-5)

Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110817.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Trifluoroacetoxy hexadecane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.	
13.85	3.11 ng	75233	Chrysene-d12	14.02	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Trifluoroacetoxy hexadecane	338	C18H33F3O2	006222-03-3	95
2	1-Heneicosanol	312	C21H44O	015594-90-8	94
3	Heptadecyl trifluoroacetate	352	C19H35F3O2	1000351-87-0	93
4	Heptafluorobutyric acid, pentadecanoic acid	424	C19H31F7O2	959261-23-5	93
5	Heptafluorobutyric acid, hexadecanoic acid	438	C20H33F7O2	006385-15-5	93



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF112717\
Data File : BF100886.D
Acq On : 27 Nov 2017 12:38
Operator : SJ/JU
Sample : I6574-03
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EPE-120-4-(0-5)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110817.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...	5.08	4.2	ng	94325	1	6.86	454671	20.0
unknown6.63	6.63	51.6	ng	1174200	1	6.86	454671	20.0
Tetracosane	9.82	2.1	ng	72262	3	9.89	699160	20.0
Heptadecane	10.32	2.0	ng	69925	3	9.89	699160	20.0
Tridecane	10.79	2.1	ng	76583	4	11.38	720237	20.0
Trifluoroacetoxy ...	13.85	3.1	ng	75233	5	14.02	483516	20.0