

Data Path : Z:\HPCHEM1\BNA F\DATA\BF022317\
 Data File : BF093109.D
 Acq On : 23 Feb 2017 17:29
 Operator : SJ/MA
 Sample : I1952-01
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SPARTA-FINE-SAND

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-BF013017.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	5.001	253	255	264	rBV	929239	1557282	35.26%	4.151%
2	5.436	290	293	295	rBV	3565977	3577429	81.01%	9.535%
3	6.476	381	384	387	rBV	3104888	3552655	80.44%	9.469%
4	6.601	393	395	398	rBV	2790111	3574576	80.94%	9.527%
5	6.841	414	416	418	rBV	844258	882859	19.99%	2.353%
6	6.990	427	429	432	rBV	2129324	2817201	63.79%	7.509%
7	7.413	463	466	468	rBV	2251943	2574211	58.29%	6.861%
8	8.133	526	529	531	rBV	893508	1165074	26.38%	3.105%
9	9.207	619	623	625	rBV	3543454	4416263	100.00%	11.771%
10	9.596	655	657	659	rBV	230246	195963	4.44%	0.522%
11	9.813	672	676	679	rBV	38748	76245	1.73%	0.203%
12	9.882	679	682	684	rVB	967498	1344210	30.44%	3.583%
13	10.305	717	719	721	rVB	126584	102507	2.32%	0.273%
14	10.522	735	738	741	rBV	41236	55802	1.26%	0.149%
15	10.659	748	750	753	rBV2	1682269	2284627	51.73%	6.089%
16	10.773	758	760	765	rVB	152496	196463	4.45%	0.524%
17	11.219	798	799	805	rVB	89148	127868	2.90%	0.341%
18	11.356	809	811	814	rBV	1588598	1391802	31.52%	3.710%
19	12.945	947	950	952	rBV	4011868	3948629	89.41%	10.524%
20	13.836	1026	1028	1035	rBV2	121259	203350	4.60%	0.542%
21	13.996	1039	1042	1044	rBV	1114217	1357356	30.74%	3.618%
22	14.819	1112	1114	1117	rBV	75538	102360	2.32%	0.273%
23	15.071	1134	1136	1139	rBV	58016	64206	1.45%	0.171%
24	15.414	1164	1166	1173	rBV	835340	1249993	28.30%	3.332%
25	15.837	1200	1203	1206	rBV	97046	154017	3.49%	0.411%
26	16.317	1241	1245	1249	rVB	87997	163128	3.69%	0.435%
27	16.865	1289	1293	1297	rBV	62300	128867	2.92%	0.343%
28	17.517	1345	1350	1355	rBV2	42785	112695	2.55%	0.300%
29	18.283	1412	1417	1425	rBV	21461	74473	1.69%	0.198%
30	19.208	1493	1498	1506	rVB2	16752	66996	1.52%	0.179%

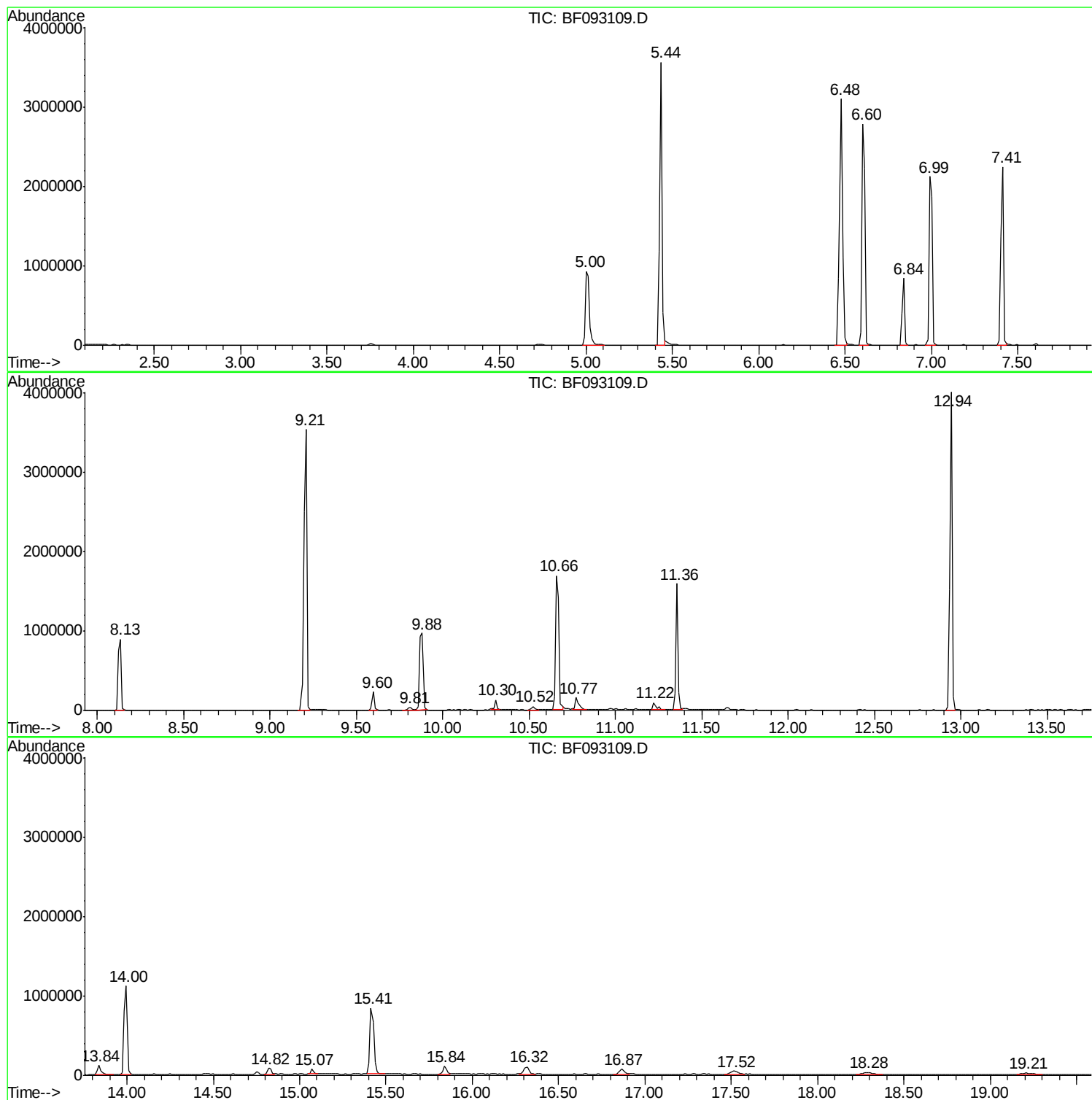
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ClientSampleId :
SPARTA-FINE-SAND

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P



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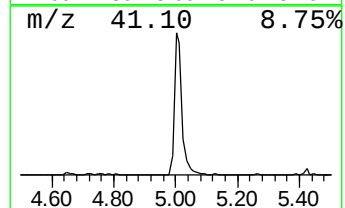
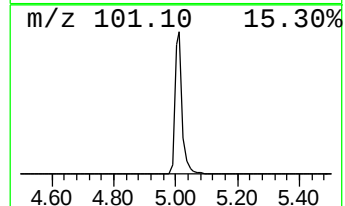
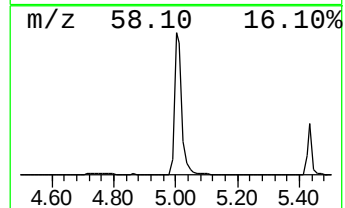
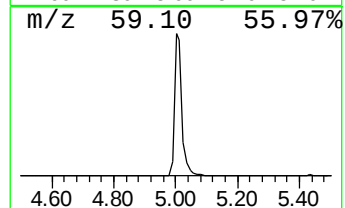
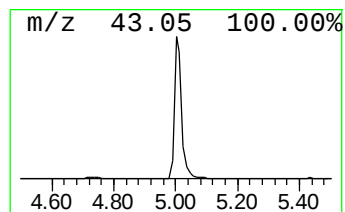
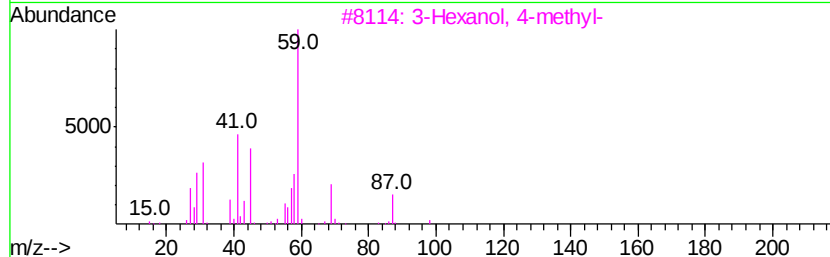
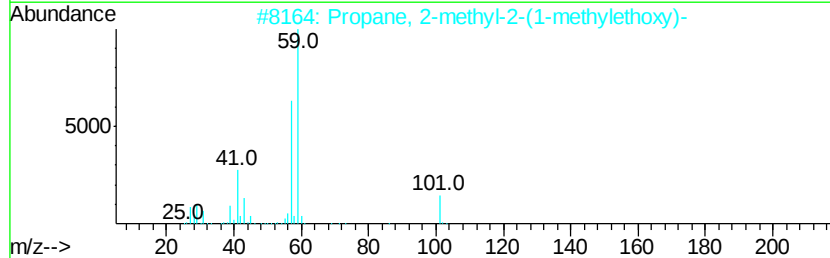
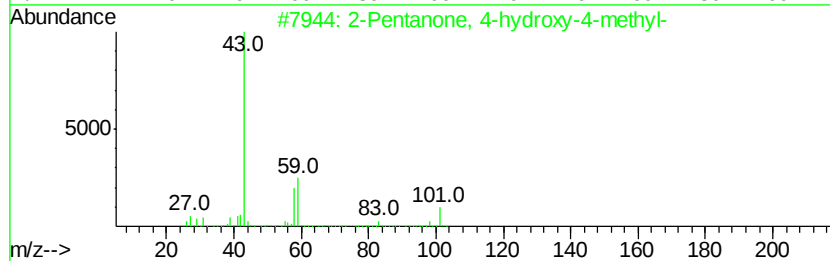
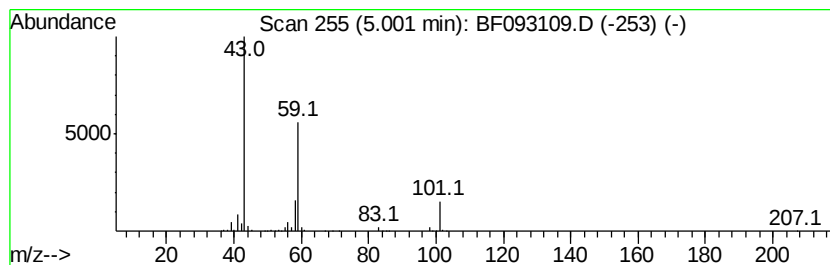
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.00	35.28 ng	1557280	1,4-Dichlorobenzene-d4	6.84

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	59
2		Propane, 2-methyl-2-(1-methylethoxy)-	116	C7H16O	017348-59-3	36
3		3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	33
4		2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	33
5		Acetic acid, cyano-, 1,1-dimethyl-	141	C7H11NO2	001116-98-9	23



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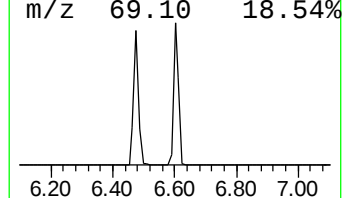
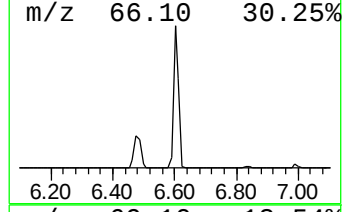
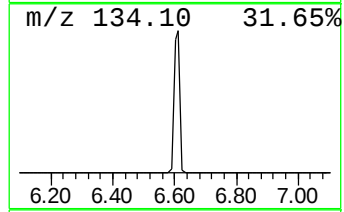
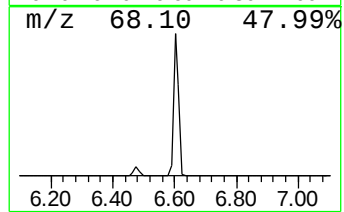
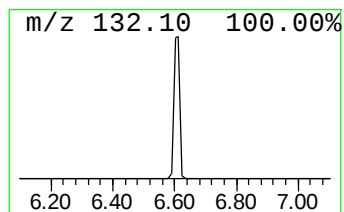
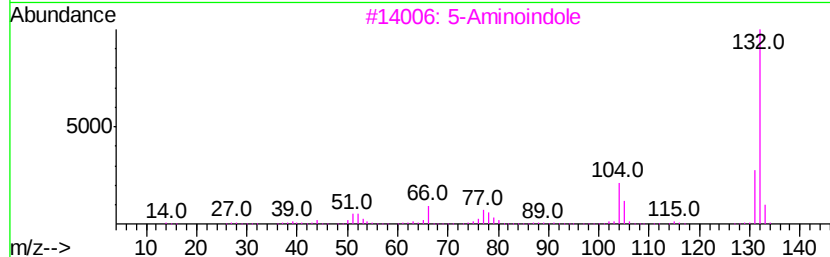
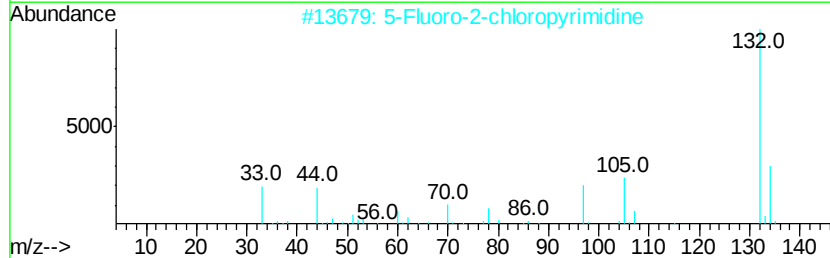
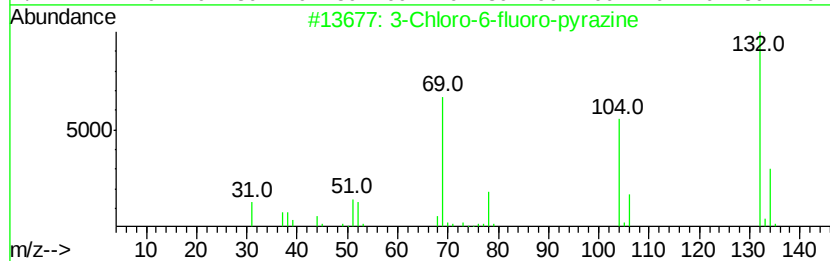
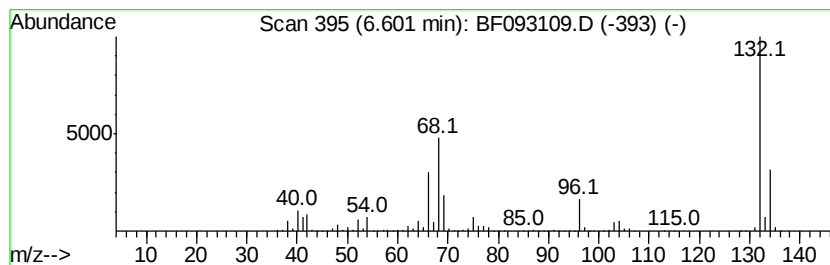
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Peak Number 2 unknown6.60 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.60	80.98 ng	3574580	1,4-Dichlorobenzene-d4	6.84

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2		5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	16
3		5-Aminoindole	132	C8H8N2	005192-03-0	12
4		Benzene, 1,3,5-trifluoro-	132	C6H3F3	000372-38-3	9
5		Xenon	132	Xe	007440-63-3	9



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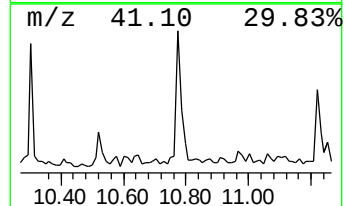
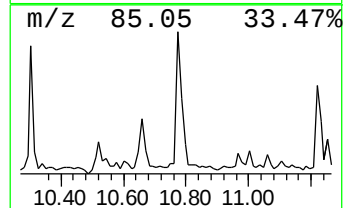
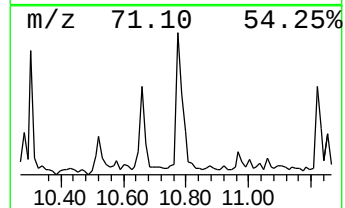
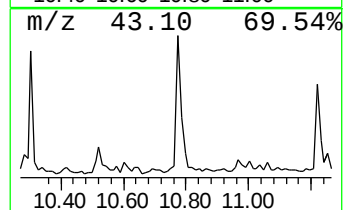
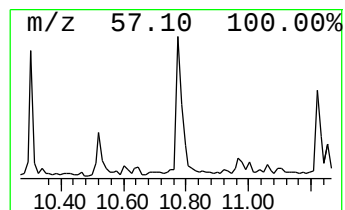
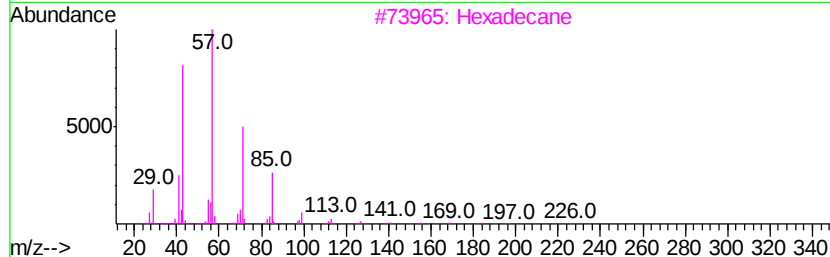
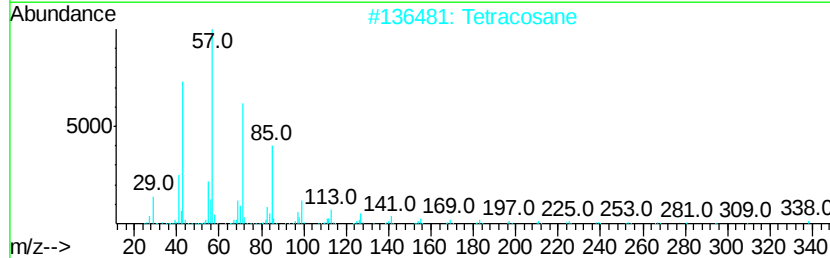
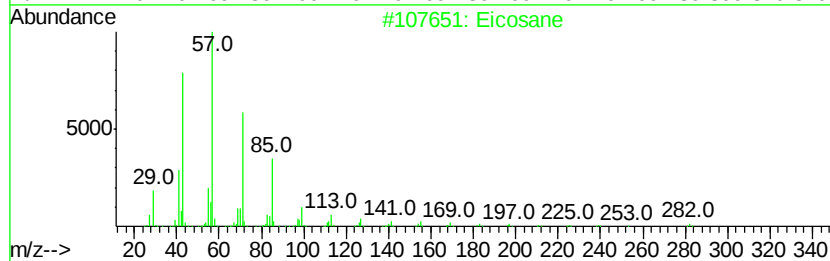
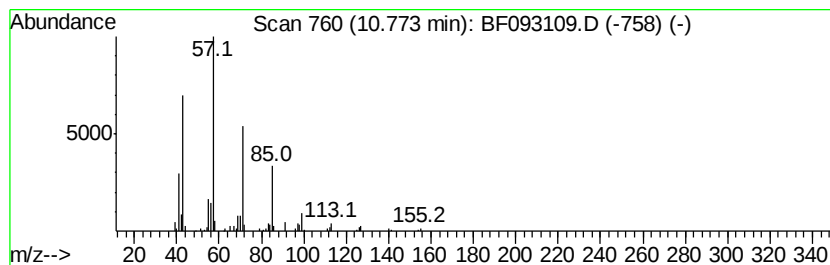
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Peak Number 4 Eicosane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD		R.T.
10.77	2.82 ng	196463	Phenanthrene-d10		11.36
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	91
2	Tetracosane	338	C24H50	000646-31-1	90
3	Hexadecane	226	C16H34	000544-76-3	87
4	Heptacosane	380	C27H56	000593-49-7	80
5	Undecane, 6-ethyl-	184	C13H28	017312-60-6	64



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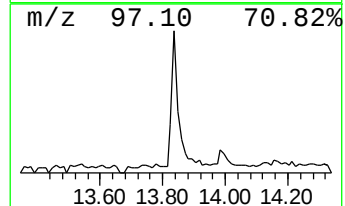
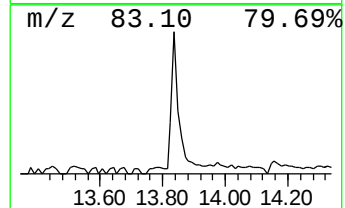
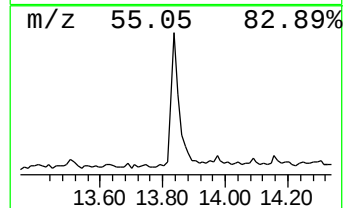
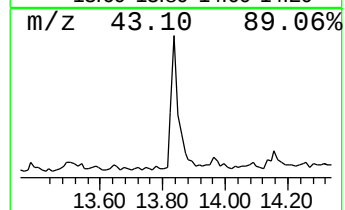
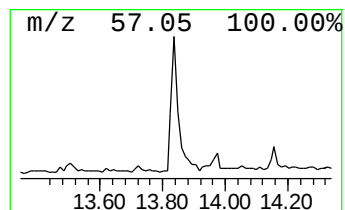
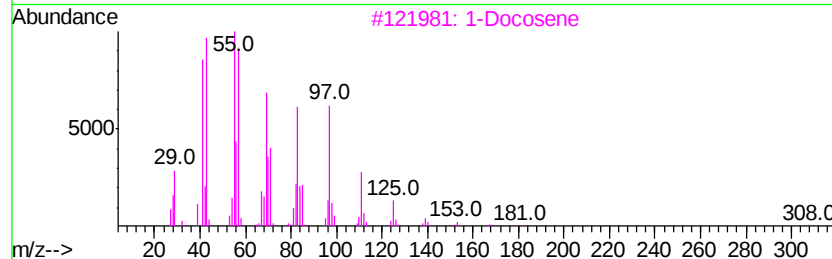
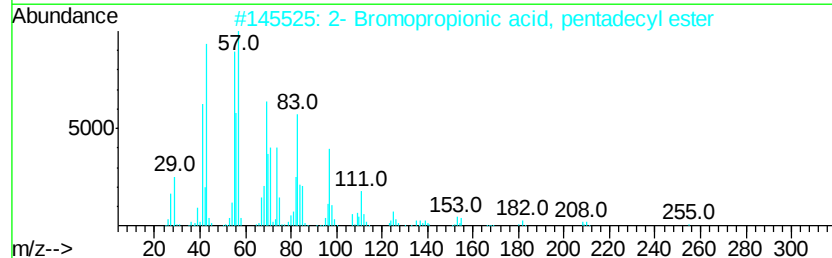
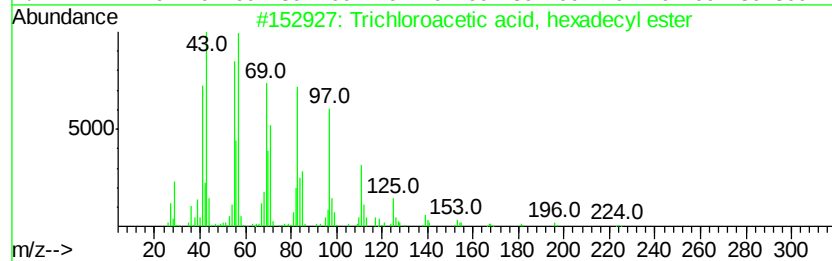
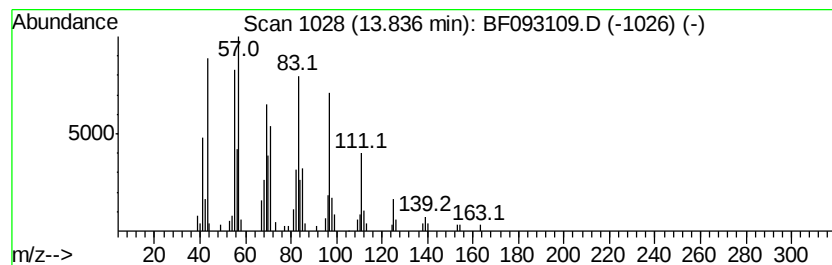
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Peak Number 5 Trichloroacetic acid, hexad... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.84	3.00 ng	203350	Chrysene-d12	14.00

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	94
2		2- Bromopropionic acid, pentadec...	362	C18H35BrO2	1000292-44-2	91
3		1-Docosene	308	C22H44	001599-67-3	91
4		Trichloroacetic acid, pentadecyl...	372	C17H31Cl3O2	074339-53-0	91
5		Pentafluoropropionic acid, hexad...	388	C19H33F5O2	006222-07-7	91



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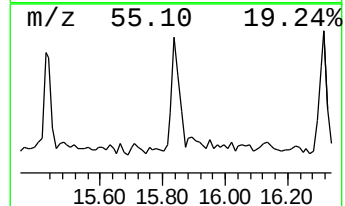
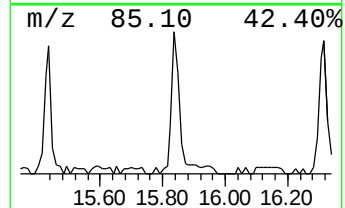
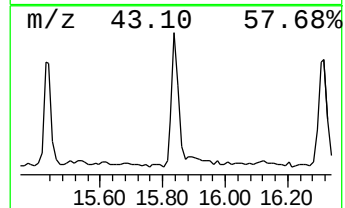
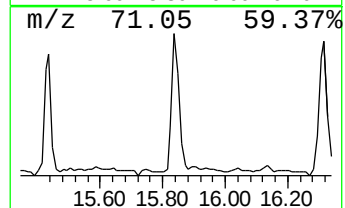
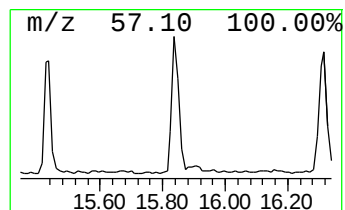
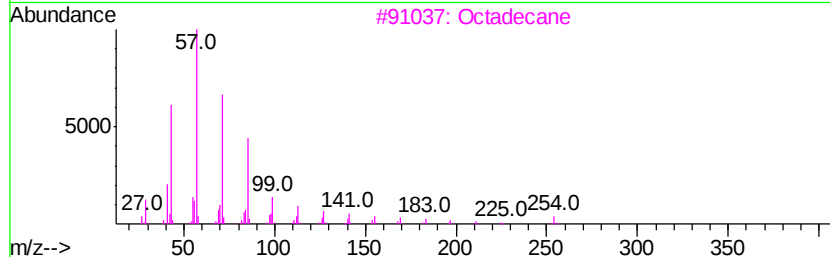
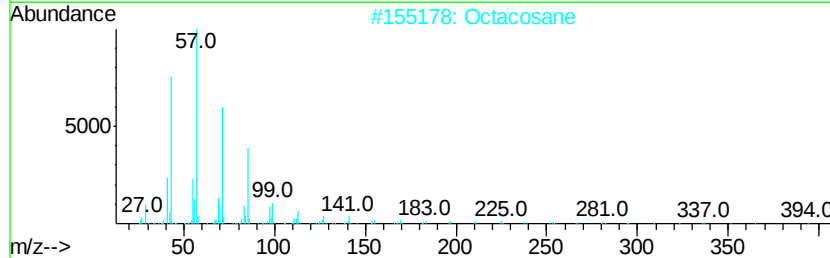
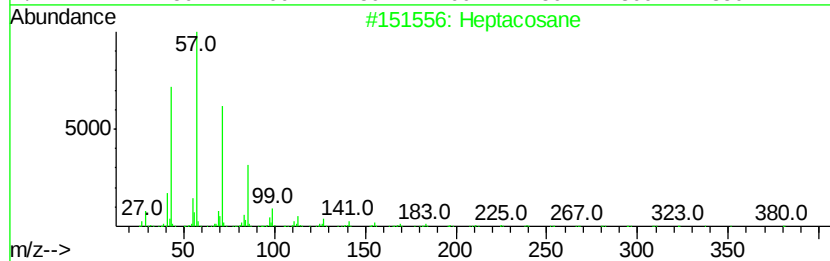
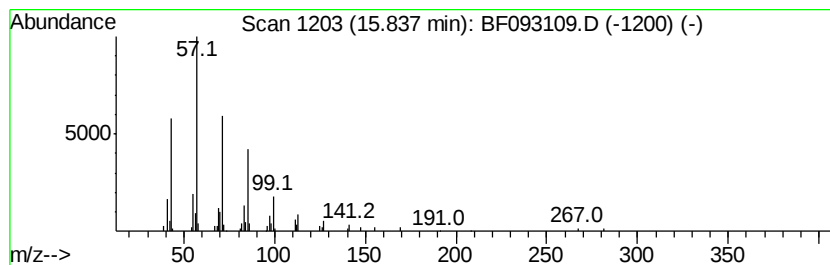
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Peak Number 6 Heptacosane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.84	2.46 ng	154017	Perylene-d12	15.41

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptacosane		380	C27H56	000593-49-7	91
2	Octacosane		394	C28H58	000630-02-4	90
3	Octadecane		254	C18H38	000593-45-3	90
4	Pentadecane, 8-heptyl-		310	C22H46	071005-15-7	90
5	Tetracosane		338	C24H50	000646-31-1	90



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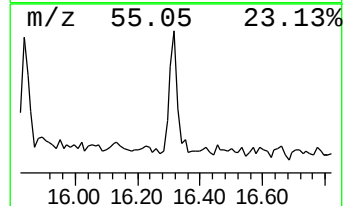
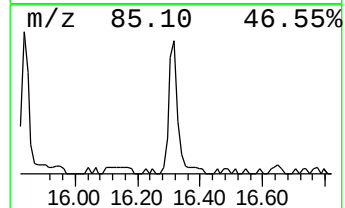
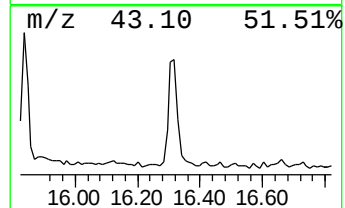
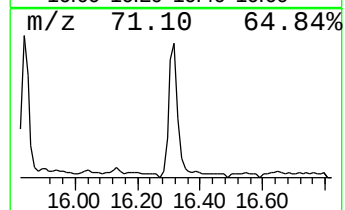
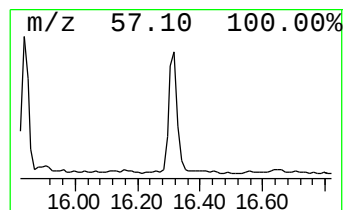
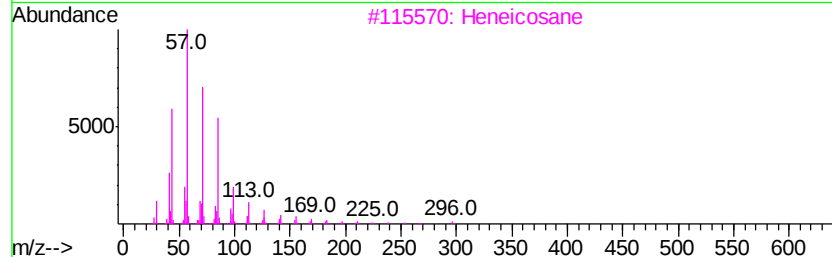
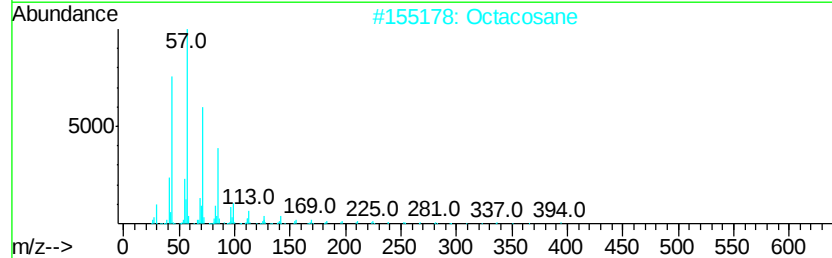
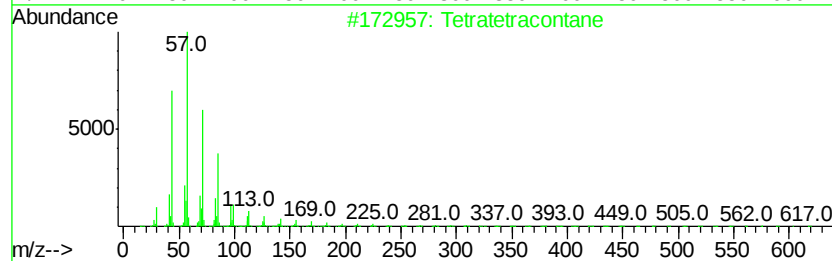
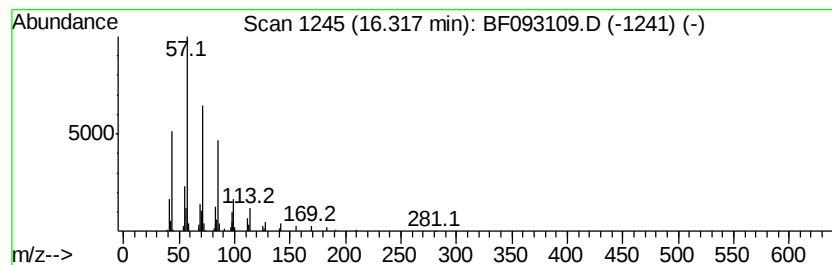
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 7 Tetratetracontane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.32	2.61 ng	163128	Perylene-d12	15.41

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Tetratetracontane	619	C44H90	007098-22-8	91
2		Octacosane	394	C28H58	000630-02-4	91
3		Heneicosane	296	C21H44	000629-94-7	91
4		Nonacosane	408	C29H60	000630-03-5	90
5		Eicosane	282	C20H42	000112-95-8	90



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF022317\
Data File : BF093109.D
Acq On : 23 Feb 2017 17:29
Operator : SJ/MA
Sample : I1952-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SPARTA-FINE-SAND

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
2-Pentanone, 4-hy...	5.00	35.3	ng	1557280	1	6.84	882859	20.0
unknown6.60	6.60	81.0	ng	3574580	1	6.84	882859	20.0
Eicosane	10.77	2.8	ng	196463	4	11.36	1391800	20.0
Trichloroacetic a...	13.84	3.0	ng	203350	5	14.00	1357360	20.0
Heptacosane	15.84	2.5	ng	154017	6	15.41	1249990	20.0
Tetratetracontane	16.32	2.6	ng	163128	6	15.41	1249990	20.0