

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF080316\
 Data File : BF089585.D
 Acq On : 4 Aug 2016 11:50
 Operator : UM/SJ
 Sample : H4321-02
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 2-PAH

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-BF080316.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	4.696	269	272	289	rBV	135117	336926	21.11%	2.873%
2	5.370	329	331	349	rBV	715215	1349027	84.51%	11.502%
3	7.004	471	474	481	rBV	799552	1318781	82.62%	11.244%
4	7.119	481	484	503	rVB	1062604	1596271	100.00%	13.610%
5	7.462	512	514	527	rBV	136334	229850	14.40%	1.960%
6	7.702	532	535	551	rBV	807555	1126724	70.58%	9.607%
7	8.376	591	594	623	rBV	489520	908717	56.93%	7.748%
8	9.153	660	662	665	rBB	16151	16299	1.02%	0.139%
9	9.485	689	691	699	rBV	204830	328319	20.57%	2.799%
10	11.268	844	847	850	rBV	903503	1386582	86.86%	11.823%
11	11.954	905	907	918	rBV	151410	222850	13.96%	1.900%
12	12.319	936	939	941	rBV	212639	342471	21.45%	2.920%
13	13.177	1011	1014	1016	rBB	15783	21433	1.34%	0.183%
14	13.599	1049	1051	1060	rVV	518728	723634	45.33%	6.170%
15	13.942	1078	1081	1086	rBV	21154	34035	2.13%	0.290%
16	14.708	1146	1148	1157	rVB	192375	272236	17.05%	2.321%
17	15.714	1234	1236	1241	rBB	14088	21015	1.32%	0.179%
18	16.811	1331	1332	1337	rBB	11286	17443	1.09%	0.149%
19	17.074	1352	1355	1369	rBV	539604	769217	48.19%	6.559%
20	18.331	1463	1465	1469	rBV	22387	43105	2.70%	0.368%
21	18.400	1469	1471	1477	rVV	182866	245311	15.37%	2.092%
22	18.491	1477	1479	1481	rVB	18427	21798	1.37%	0.186%
23	19.566	1570	1573	1575	rBV	35455	43808	2.74%	0.374%
24	19.669	1578	1582	1589	rBV2	8429	26176	1.64%	0.223%
25	19.851	1596	1598	1599	rBV	15204	16453	1.03%	0.140%
26	20.069	1615	1617	1624	rBV	170370	256138	16.05%	2.184%
27	20.594	1660	1663	1665	rBV2	8246	16863	1.06%	0.144%
28	21.715	1757	1761	1766	rVV5	7284	20487	1.28%	0.175%
29	23.212	1888	1892	1900	rVB6	4000	16271	1.02%	0.139%

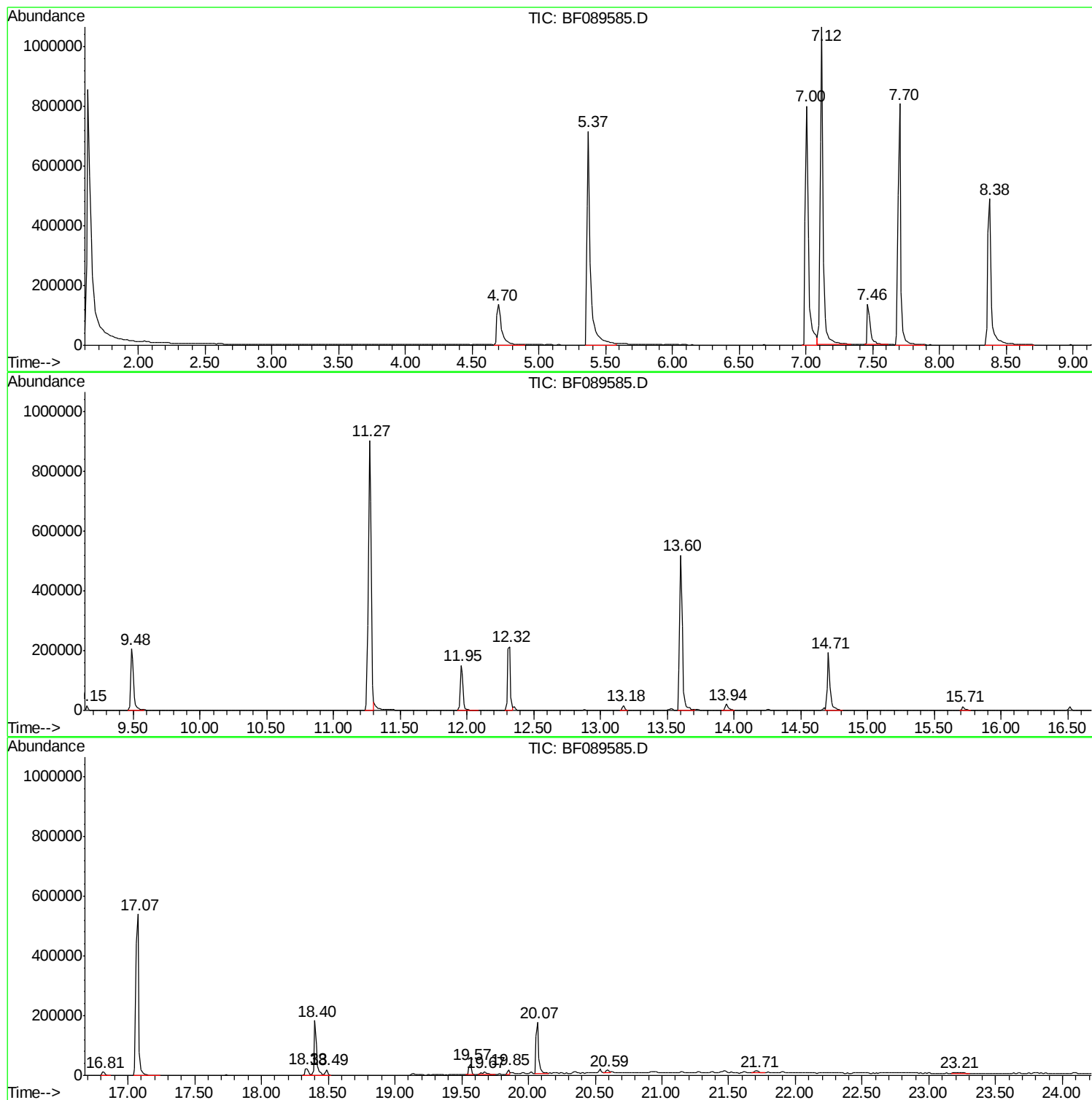
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ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF080316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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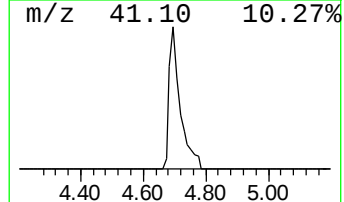
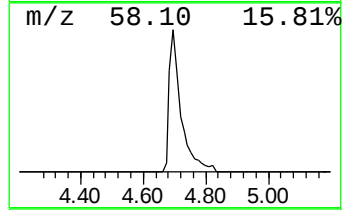
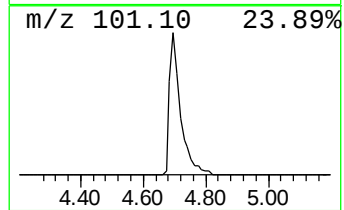
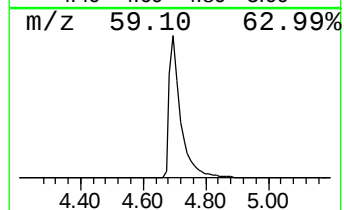
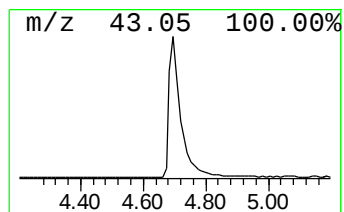
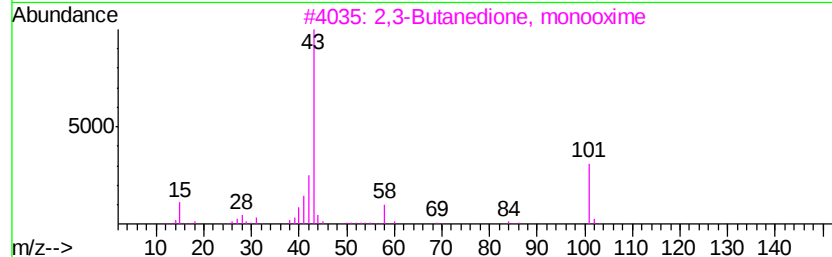
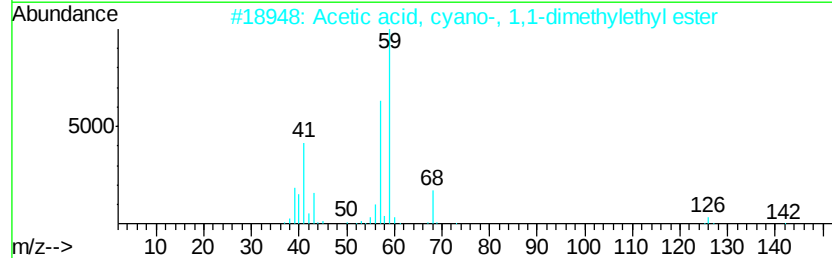
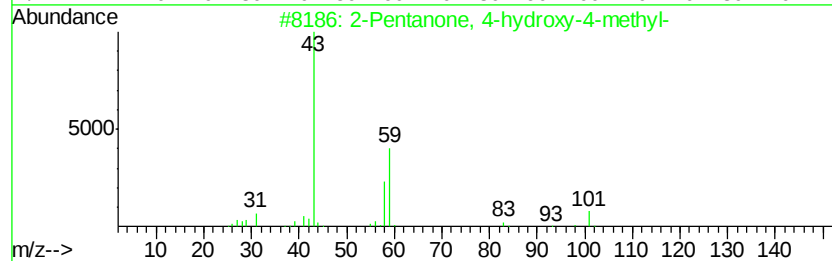
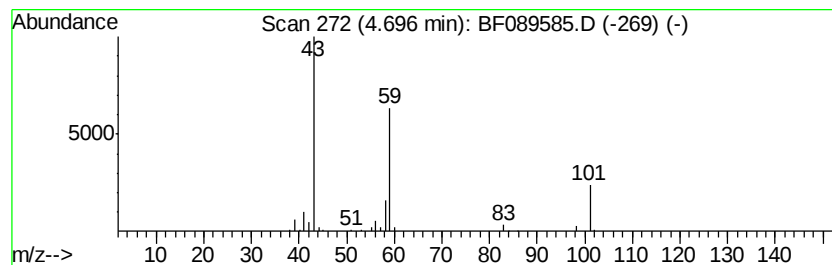
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
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Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.70	29.32 ng	336926	1,4-Dichlorobenzene-d4	7.46

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
2		Acetic acid, cyano-, 1,1-dimethyl...	141	C7H11NO2	001116-98-9	25
3		2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	17
4		Acetone	58	C3H6O	000067-64-1	10
5		5-Hexen-2-one	98	C6H10O	000109-49-9	9



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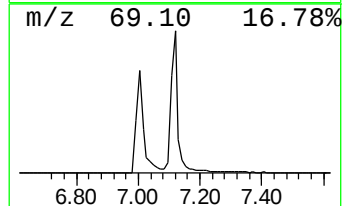
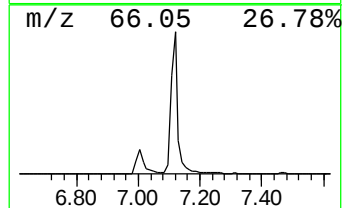
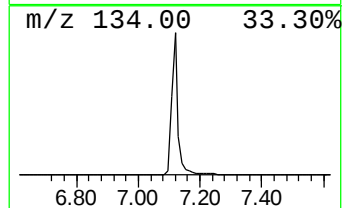
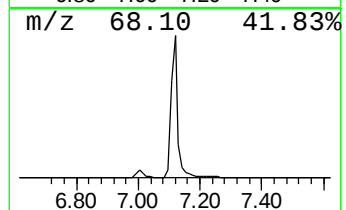
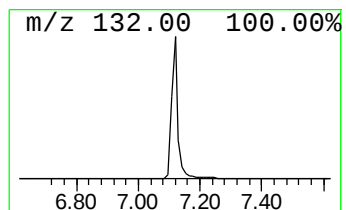
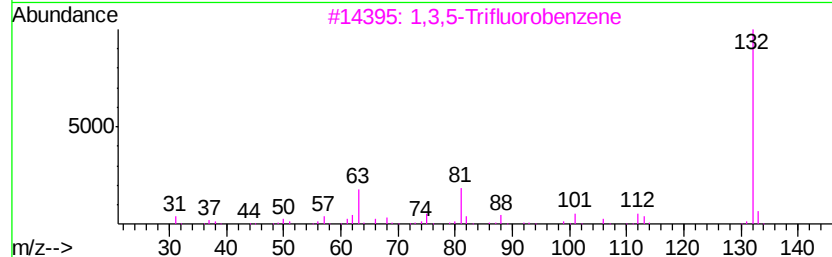
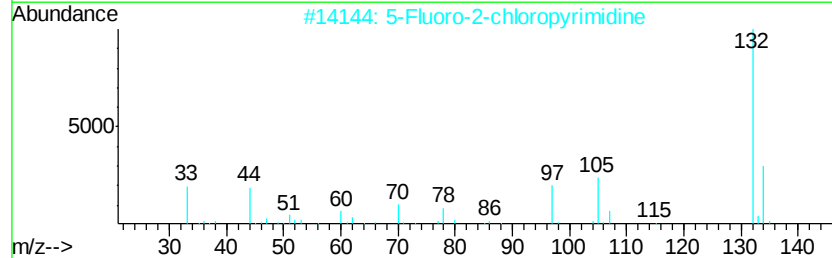
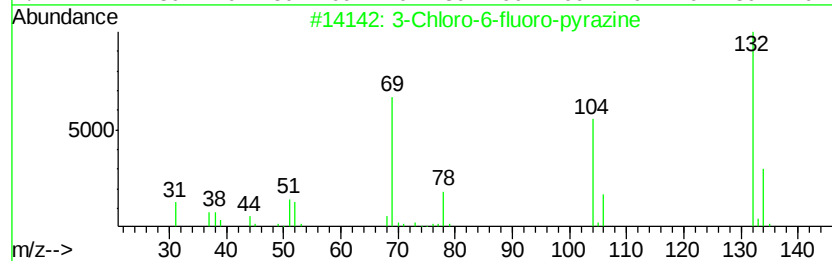
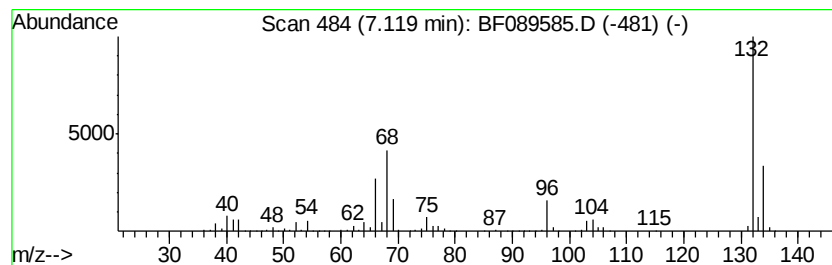
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Peak Number 2 unknown7.12 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.12	138.90 ng	1596270	1,4-Dichlorobenzene-d4	7.46

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		1,3,5-Trifluorobenzene	132	C6H3F3	000372-38-3	9
4		Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
5		4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9



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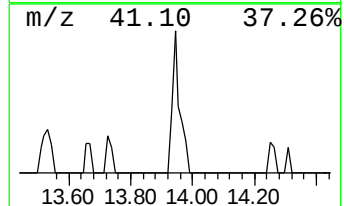
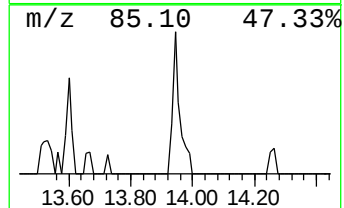
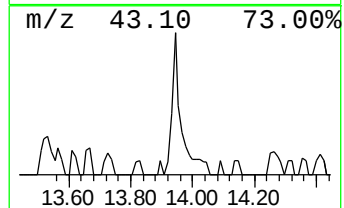
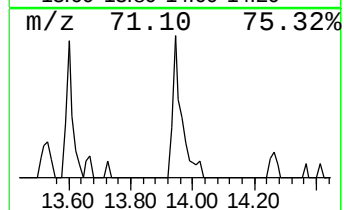
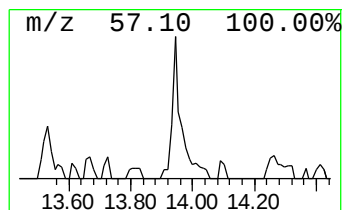
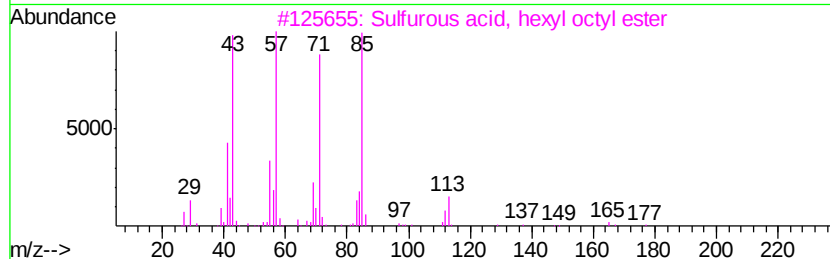
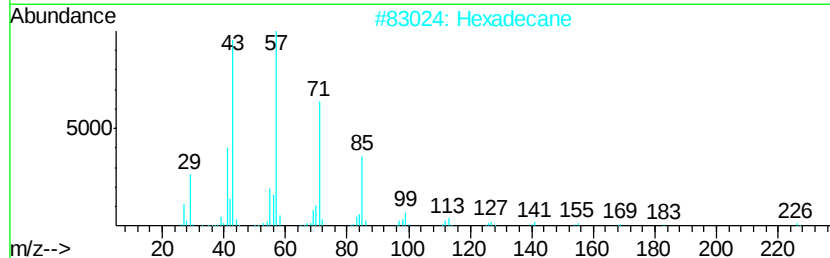
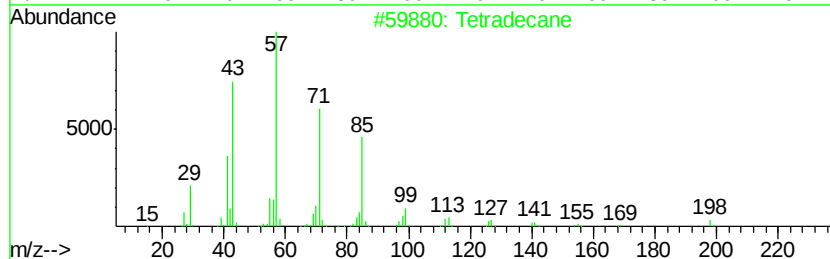
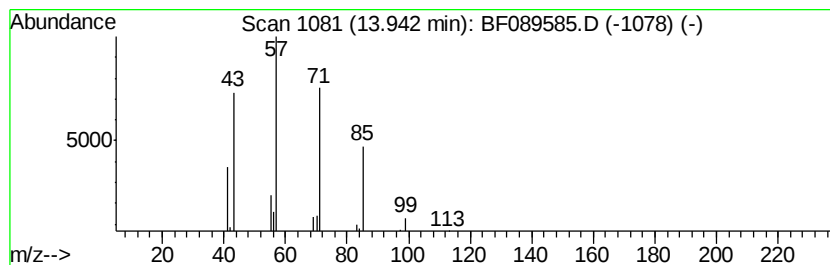
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Peak Number 4 Tetradecane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.94	2.50 ng	34035	Phenanthrene-d10	14.71

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane	198	C14H30	000629-59-4	72
2	Hexadecane	226	C16H34	000544-76-3	72
3	Sulfurous acid, hexyl octyl ester	278	C14H30O3S	1000309-13-0	64
4	Sulfurous acid, 2-ethylhexyl iso...	278	C14H30O3S	1000309-19-0	64
5	1-Iodo-2-methylundecane	296	C12H25I	073105-67-6	64



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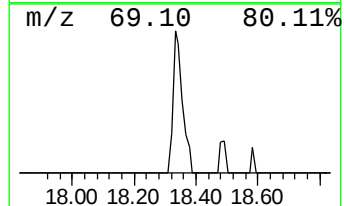
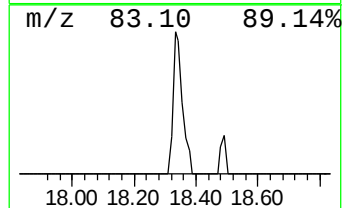
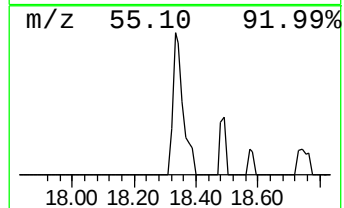
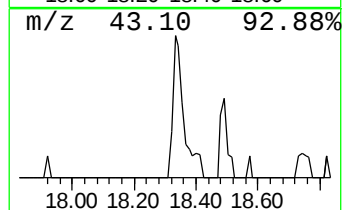
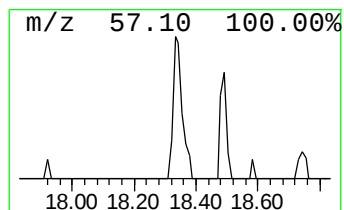
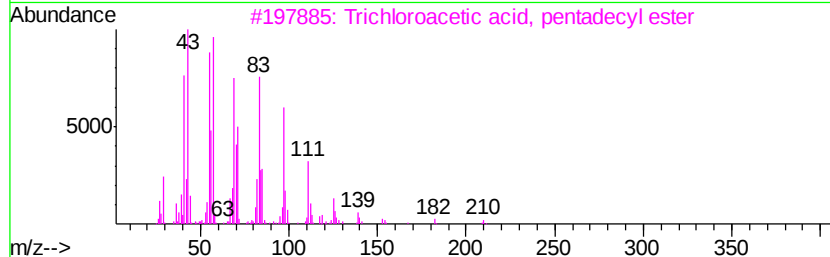
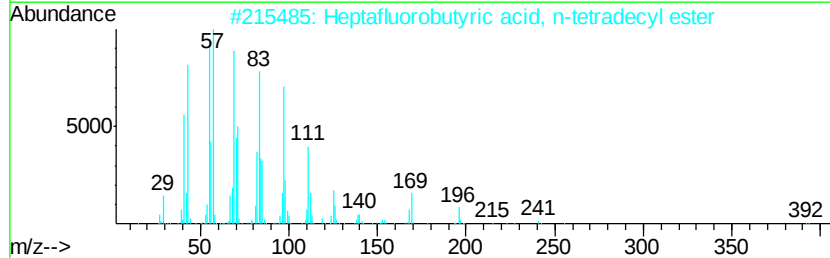
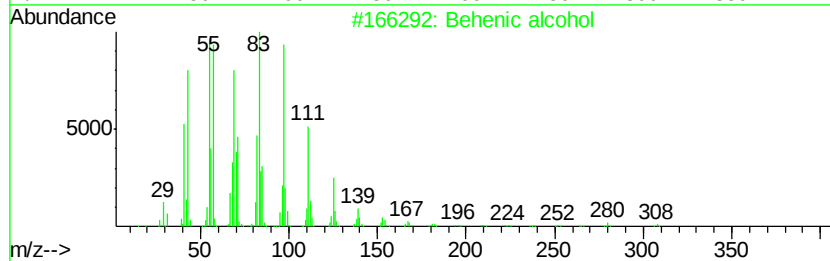
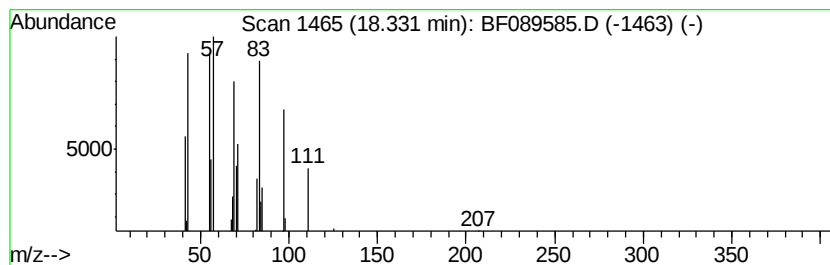
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Peak Number 5 Behenic alcohol Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.33	3.51 ng	43105	Chrysene-d12	18.40
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Behenic alcohol	326 C22H46O	000661-19-8 91
2		Heptafluorobutyric acid, n-tetra...	410 C18H29F7O2	007365-36-8 91
3		Trichloroacetic acid, pentadecyl...	372 C17H31Cl3O2	074339-53-0 91
4		3-Chloropropionic acid, heptadec...	346 C20H39ClO2	1000283-05-1 91
5		n-Nonadecanol-1	284 C19H40O	001454-84-8 91



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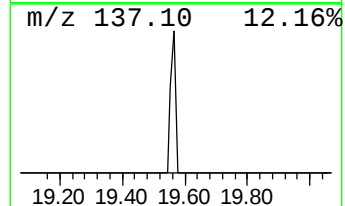
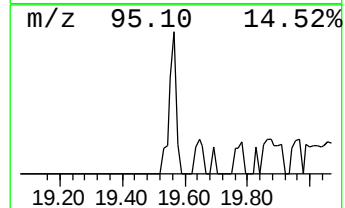
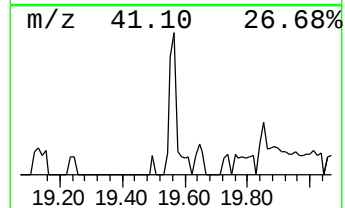
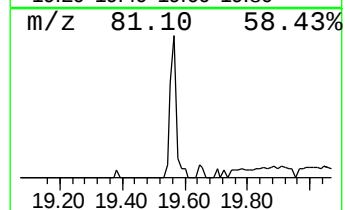
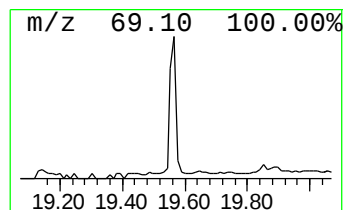
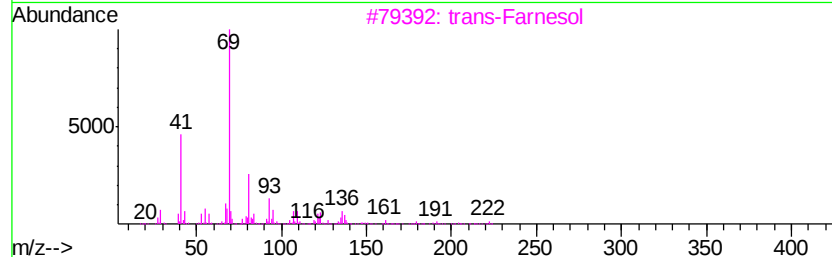
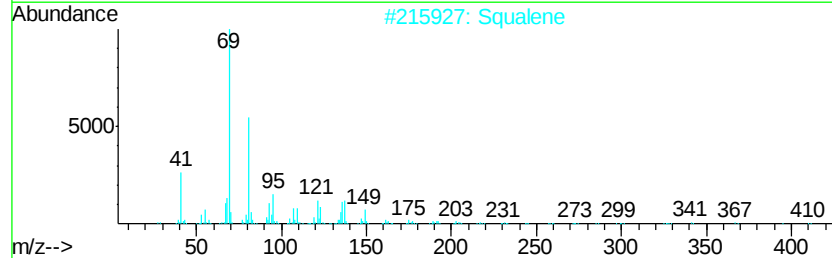
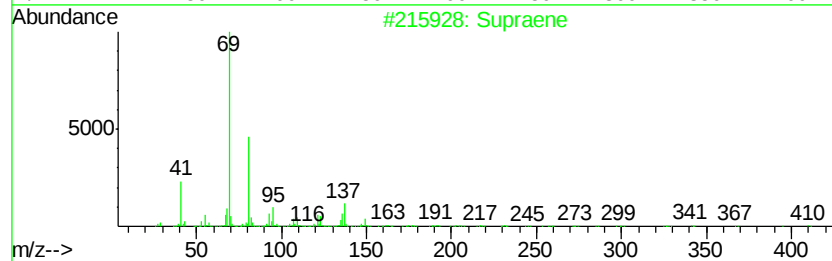
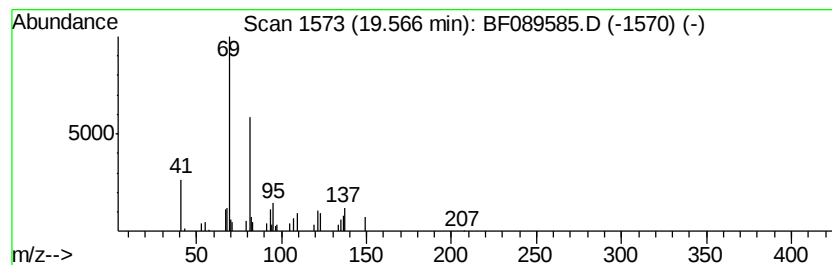
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TIC Integration Parameters: LSCINT.P

Peak Number 6 Supraene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.57	3.42 ng	43808	Perylene-d12	20.07

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Supraene		410	C30H50	007683-64-9	91
2	Squalene		410	C30H50	000111-02-4	90
3	trans-Farnesol		222	C15H26O	000106-28-5	64
4	2,6,10-Dodecatrien-1-ol, 3,7,11-...		222	C15H26O	004602-84-0	64
5	1,5,9-Undecatriene, 2,6,10-trime...		192	C14H24	062951-96-6	56



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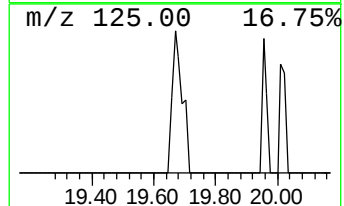
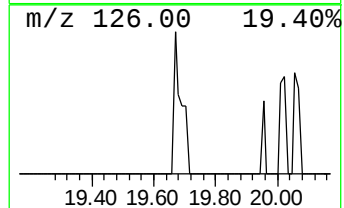
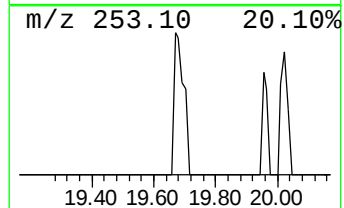
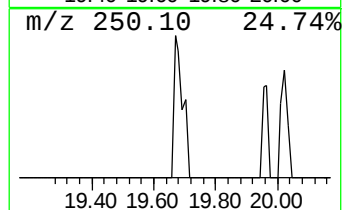
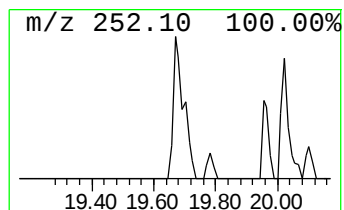
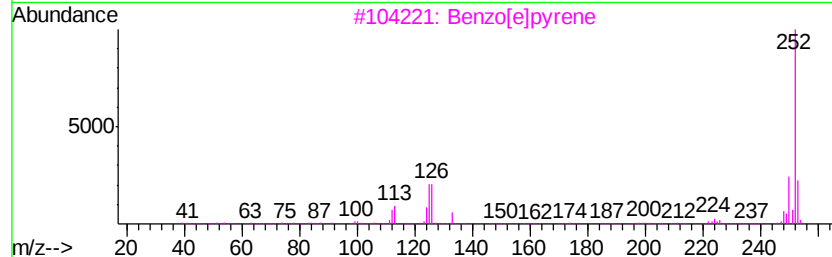
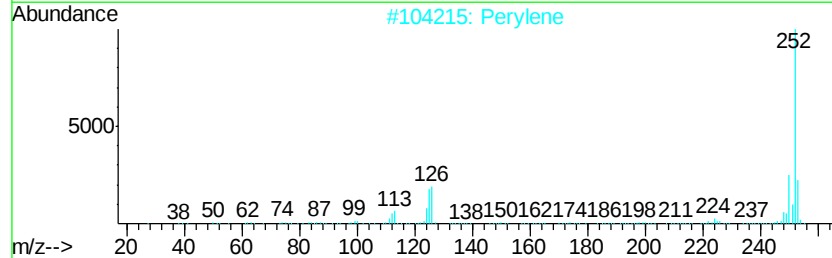
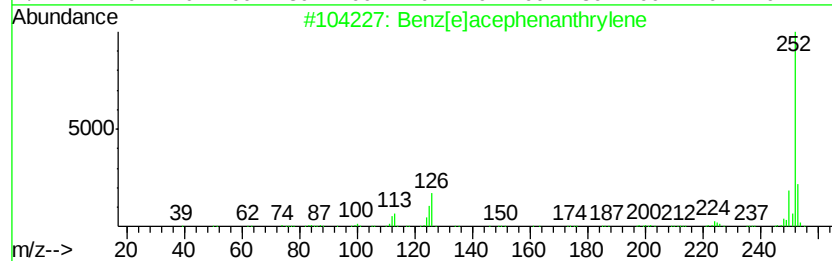
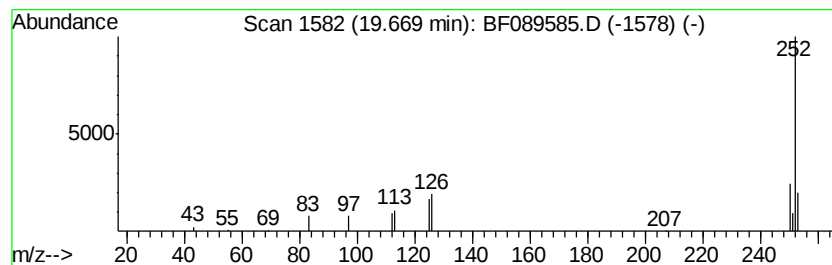
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Benz[e]acephenanthrylene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.67	2.04 ng	26176	Perylene-d12	20.07

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Benz[e]acephenanthrylene	252	C20H12	000205-99-2	80
2		Perylene	252	C20H12	000198-55-0	80
3		Benzo[e]pyrene	252	C20H12	000192-97-2	80
4		Benzo[i]fluoranthene	252	C20H12	000205-82-3	80
5		Benzo[k]fluoranthene	252	C20H12	000207-08-9	80



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF080316\
Data File : BF089585.D
Acq On : 4 Aug 2016 11:50
Operator : UM/SJ
Sample : H4321-02
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
2-PAH

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF080316.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...	4.70	29.3	ng	336926	1	7.46	229850	20.0
unknown7.12	7.12	138.9	ng	1596270	1	7.46	229850	20.0
Tetradecane	13.94	2.5	ng	34035	4	14.71	272236	20.0
Behenic alcohol	18.33	3.5	ng	43105	5	18.40	245311	20.0
Supraene	19.57	3.4	ng	43808	6	20.07	256138	20.0
Benz[e]acephenant...	19.67	2.0	ng	26176	6	20.07	256138	20.0