

Data Path : Z:\HPCHEM1\BNA F\DATA\BF032917\
 Data File : BF094026.D
 Acq On : 29 Mar 2017 18:49
 Operator : SJ/MA
 Sample : I2443-15
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 E2-BB-CC-7-8-BASE

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-BF032217.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	4.075	367	372	379	rBV	299581	420832	9.62%	1.042%
2	4.457	431	437	440	rBV	3837799	4164742	95.20%	10.310%
3	5.522	611	618	621	rBV	3453775	4232684	96.75%	10.478%
4	5.663	636	642	646	rBV	3689190	4374851	100.00%	10.830%
5	5.916	681	685	689	rBV	1037174	930402	21.27%	2.303%
6	6.098	711	716	719	rBV	3093163	3162299	72.28%	7.828%
7	6.569	789	796	799	rBV	2344730	2820953	64.48%	6.983%
8	7.422	935	941	944	rBV	1214226	1311417	29.98%	3.246%
9	8.745	1159	1166	1169	rBV	3712119	4263680	97.46%	10.555%
10	9.239	1245	1250	1253	rBV	282904	258865	5.92%	0.641%
11	9.563	1296	1305	1309	rBV	1396292	1510746	34.53%	3.740%
12	9.892	1352	1361	1365	rBV2	76234	193681	4.43%	0.479%
13	10.151	1402	1405	1410	rVB	108723	108478	2.48%	0.269%
14	10.427	1445	1452	1455	rBV2	47661	82668	1.89%	0.205%
15	10.539	1464	1471	1474	rBV	2232549	2778159	63.50%	6.877%
16	10.739	1501	1505	1507	rBV	123757	137618	3.15%	0.341%
17	11.292	1595	1599	1602	rBV	85141	81523	1.86%	0.202%
18	11.333	1602	1606	1609	rVV	41514	46951	1.07%	0.116%
19	11.386	1609	1615	1618	rVV	1407226	1440335	32.92%	3.565%
20	11.410	1618	1619	1623	rVB	264710	207647	4.75%	0.514%
21	11.474	1623	1630	1634	rBV2	42609	58921	1.35%	0.146%
22	12.321	1770	1774	1778	rBV3	161786	177877	4.07%	0.440%
23	12.463	1794	1798	1801	rBV	235173	242546	5.54%	0.600%
24	12.892	1868	1871	1876	rVB	291796	272078	6.22%	0.674%
25	13.151	1911	1915	1919	rVB	218738	236897	5.41%	0.586%
26	13.298	1937	1940	1945	rBV5	27524	57007	1.30%	0.141%
27	13.368	1946	1952	1956	rVB2	3151986	3772078	86.22%	9.338%
28	13.527	1975	1979	1983	rBV	318603	322694	7.38%	0.799%
29	14.527	2145	2149	2158	rVB2	121835	175639	4.01%	0.435%
30	14.639	2162	2168	2171	rBV	1138046	1359223	31.07%	3.365%
31	14.663	2171	2172	2175	rVB	75079	52997	1.21%	0.131%
32	15.857	2371	2375	2378	rBV	53495	85448	1.95%	0.212%
33	16.198	2430	2433	2438	rVB	50567	60913	1.39%	0.151%
34	16.268	2439	2445	2453	rBV	844001	993777	22.72%	2.460%

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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

Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF032217.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

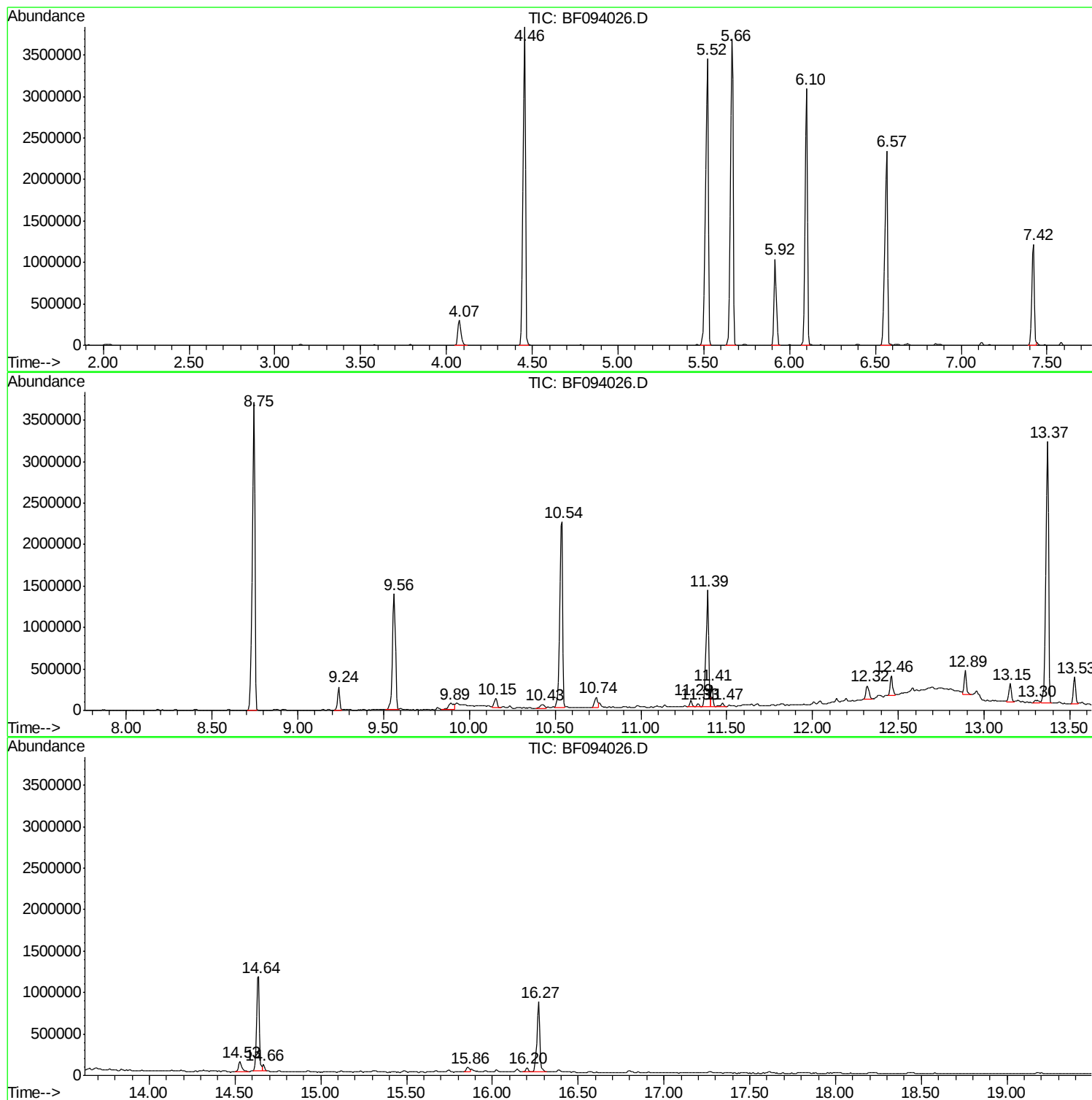
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Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032217.M
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P



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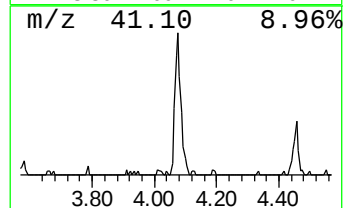
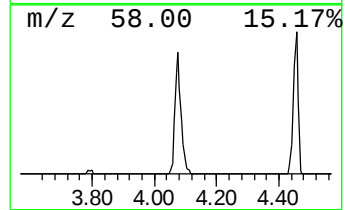
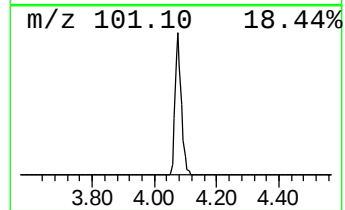
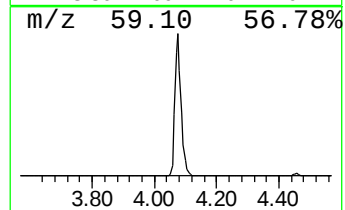
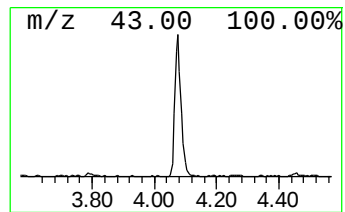
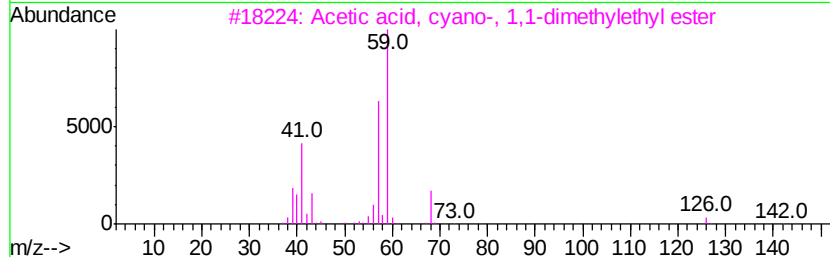
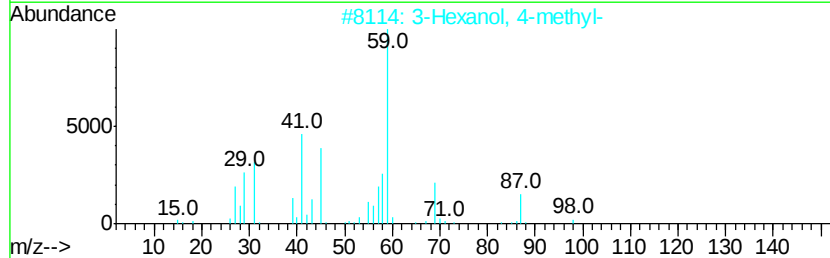
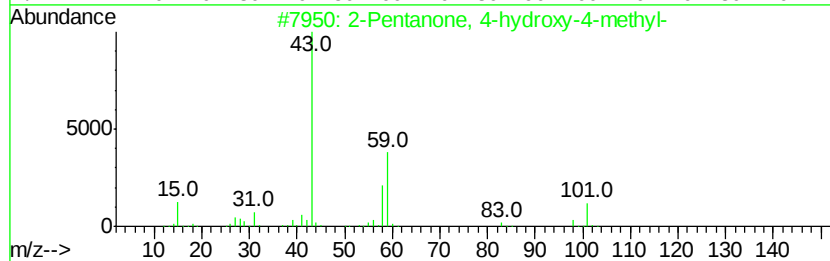
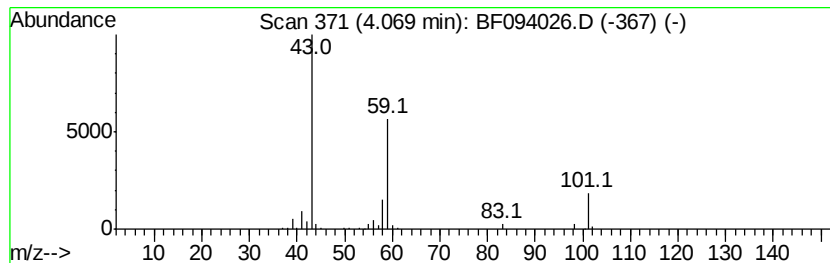
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\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.	
4.07	9.05 ng	420832	1,4-Dichlorobenzene-d4	5.92	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2	3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	28
3	Acetic acid, cyano-, 1,1-dimethyl...	141	C7H11NO2	001116-98-9	17
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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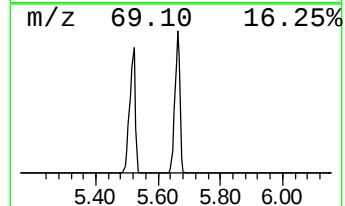
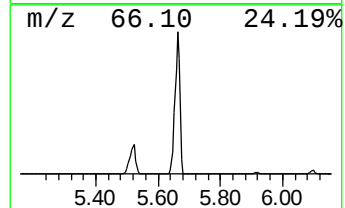
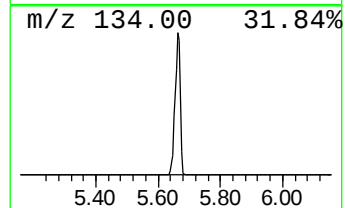
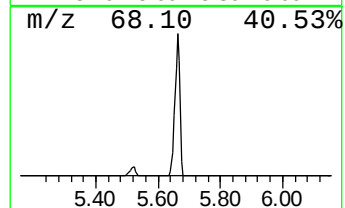
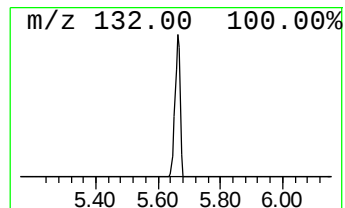
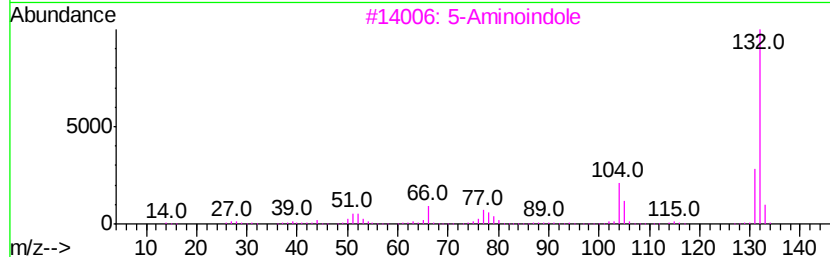
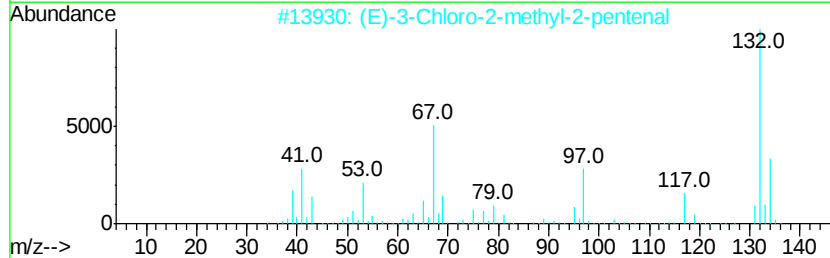
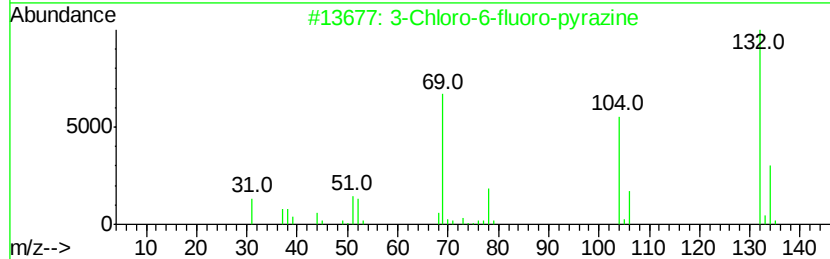
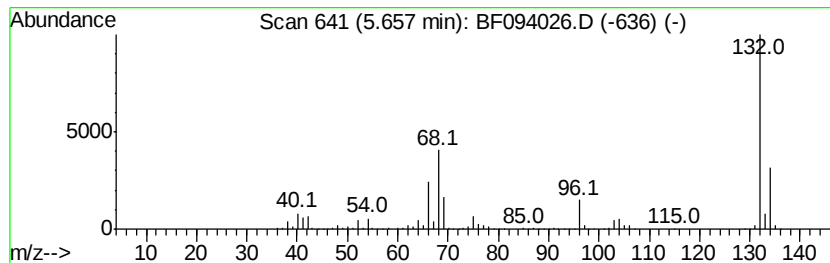
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 unknown5.66 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.66	94.04 ng	4374850	1,4-Dichlorobenzene-d4	5.92

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2		(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	17
3		5-Aminoindole	132	C8H8N2	005192-03-0	12
4		5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	9
5		4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9



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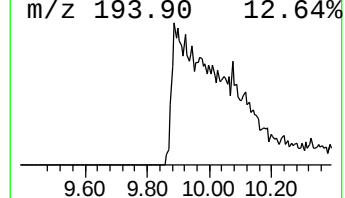
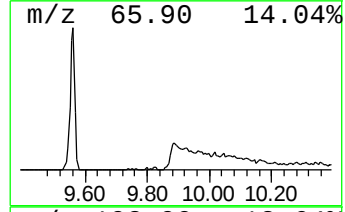
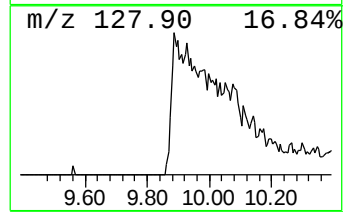
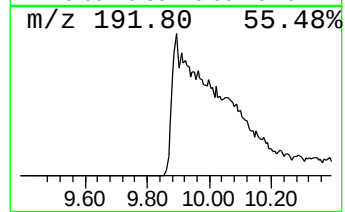
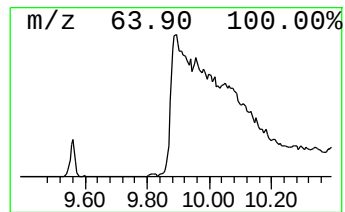
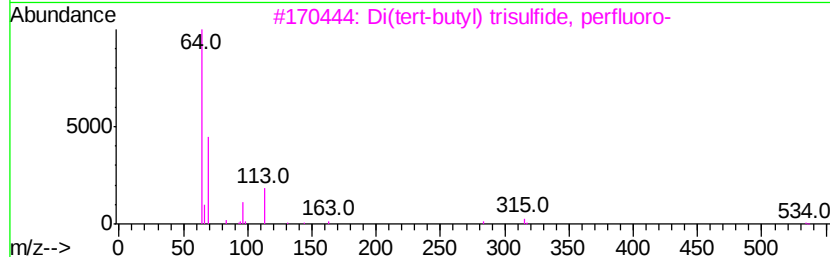
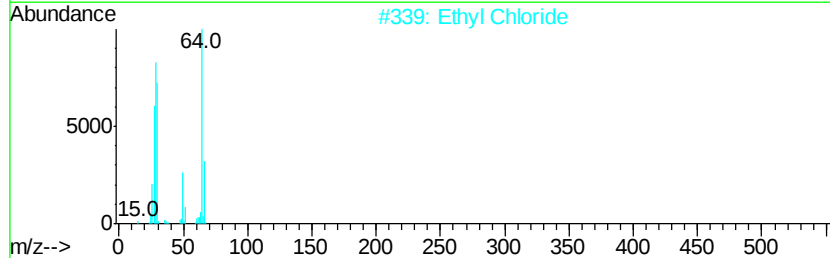
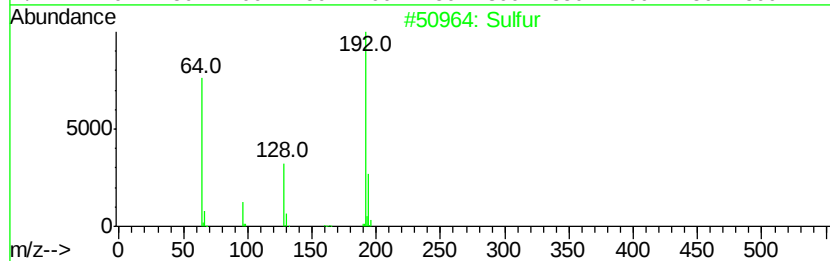
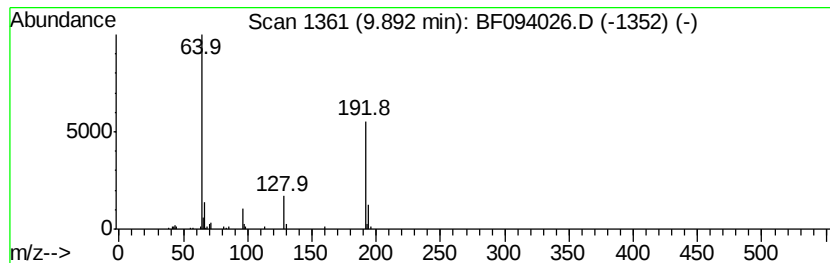
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 Sulfur Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.	
9.89	2.56 ng	193681	Acenaphthene-d10	9.56	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Sulfur	192	S6	013798-23-7	91
2	Ethyl Chloride	64	C2H5Cl	000075-00-3	4
3	Di(tert-butyl) trisulfide, perfl...	534	C8F18S3	016005-64-4	4
4	Ethene, 1,1-difluoro-	64	C2H2F2	000075-38-7	4
5	Ethene, 1,2-difluoro-	64	C2H2F2	001691-13-0	4



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Misc :
ALS Vial : 10 Sample Multiplier: 1

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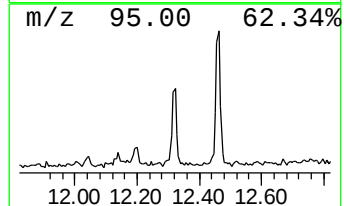
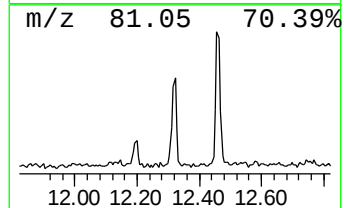
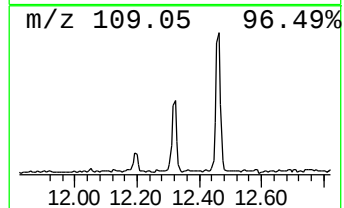
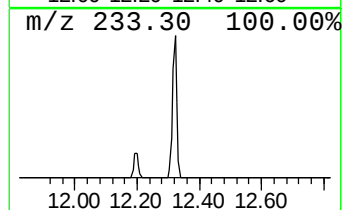
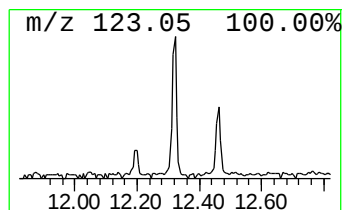
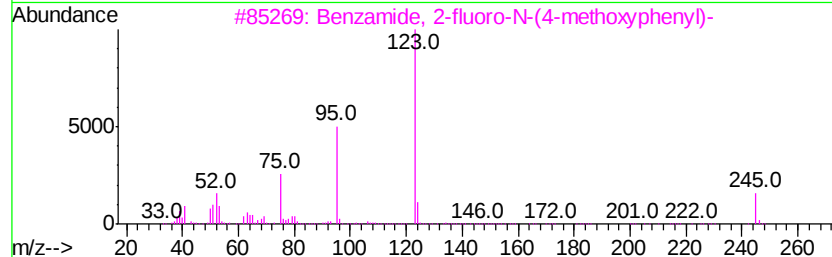
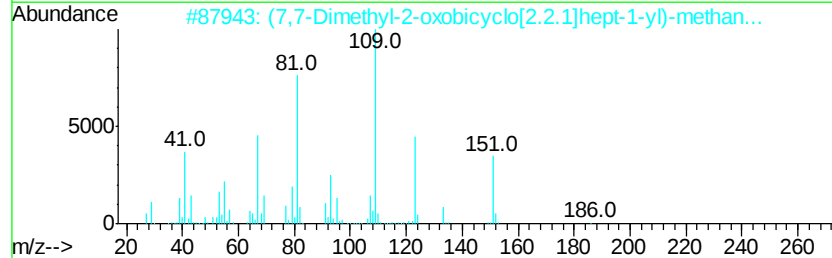
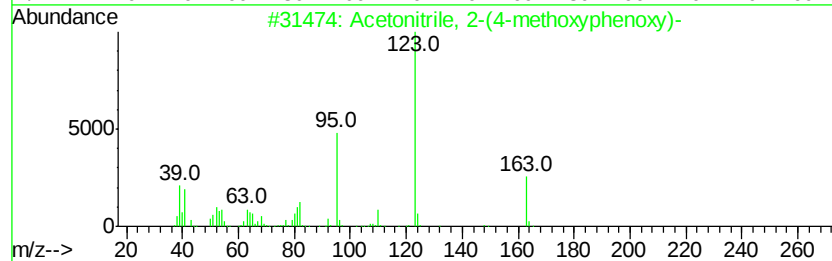
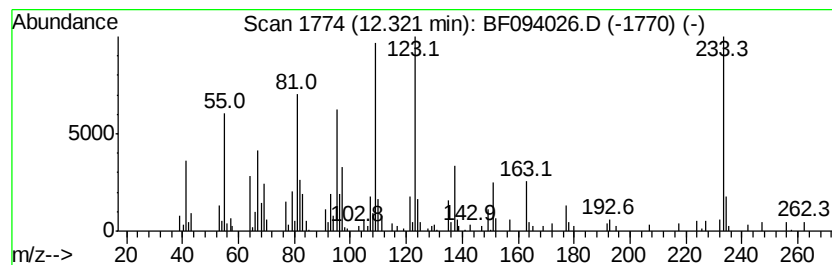
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 unknown12.32 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.32	2.47 ng	177877	Phenanthrene-d10	11.39

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Acetonitrile, 2-(4-methoxyphenoxy)-	163	C9H9NO2	022446-12-4	22
2		(7,7-Dimethyl-2-oxobicyclo[2.2.1...]	250	C10H15ClO3S	1000194-76-1	22
3		Benzamide, 2-fluoro-N-(4-methoxy...	245	C14H12FN02	212209-96-6	14
4		Bis(5-methyl-4-oxo-3,4-dihdropy...	233	C10H11N5O2	1000078-58-5	14
5		Benzoic acid, 4-fluoro-, anhydride	262	C14H8F2O3	025569-77-1	14



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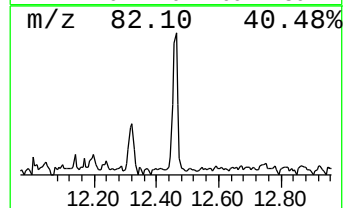
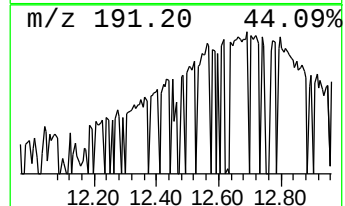
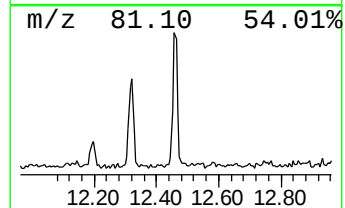
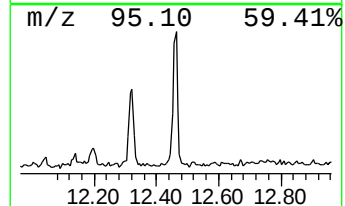
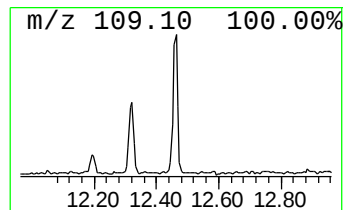
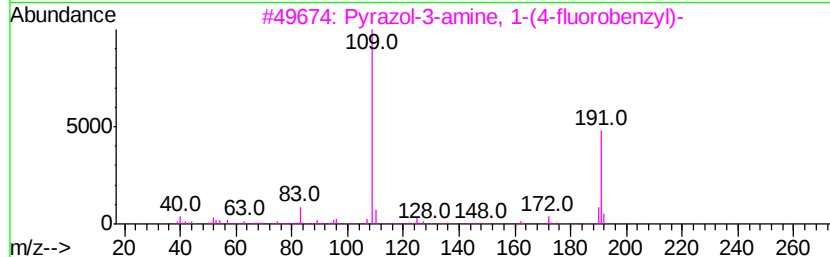
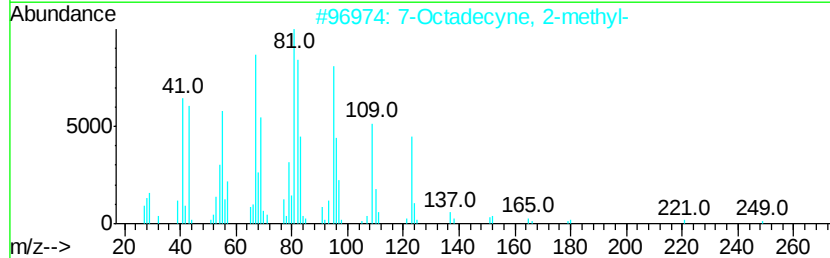
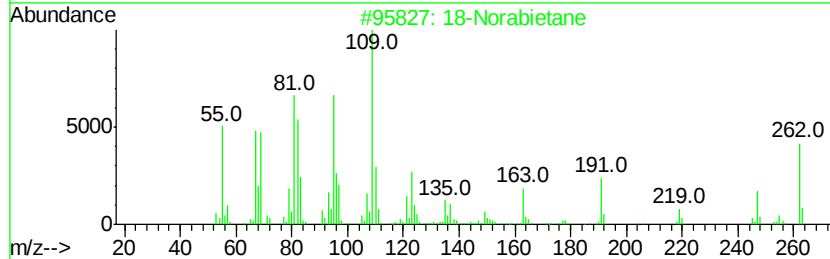
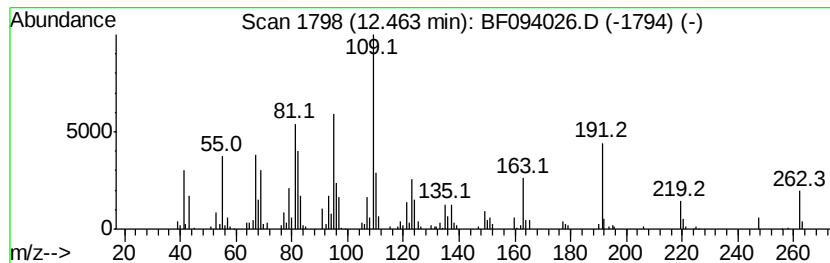
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 6 18-Norabietane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.46	3.37 ng	242546	Phenanthrene-d10	11.39

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	18-Norabietane	262	C19H34	1000293-16-6	93
2		7-Octadecyne, 2-methyl-	264	C19H36	035354-38-2	30
3		Pvrazol-3-amine, 1-(4-fluorobenz...	191	C10H10FN3	1000272-83-2	27
4		1,2-Benzooxazine,2-cyclohexyl-4-...	262	C16H26N2O	037898-39-8	27
5		3,5-Heptadien-2-one, 6-methyl-, ...	124	C8H12O	016647-04-4	18



Data Path : Z:\HPCHEM1\BNA F\DATA\BF032917\
Data File : BF094026.D
Acq On : 29 Mar 2017 18:49
Operator : SJ/MA
Sample : I2443-15
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
E2-BB-CC-7-8-BASE

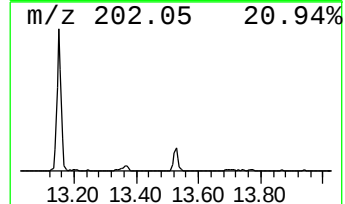
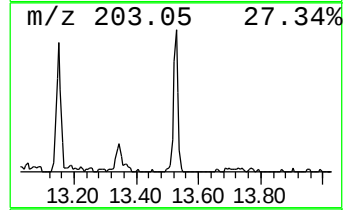
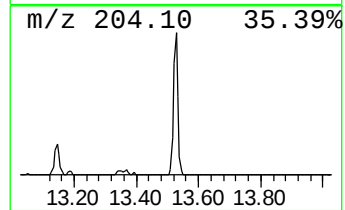
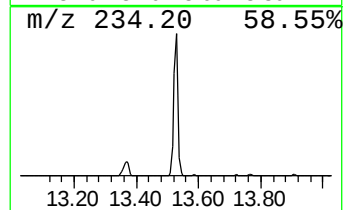
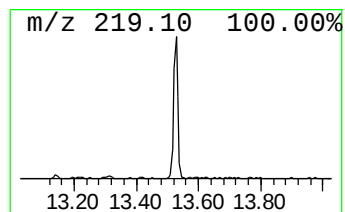
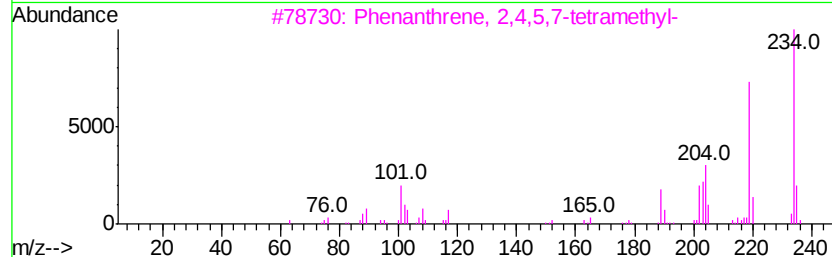
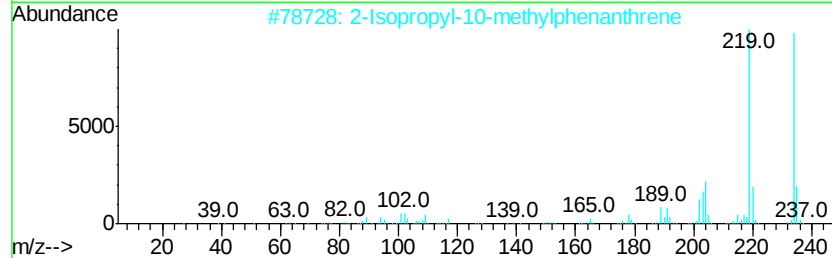
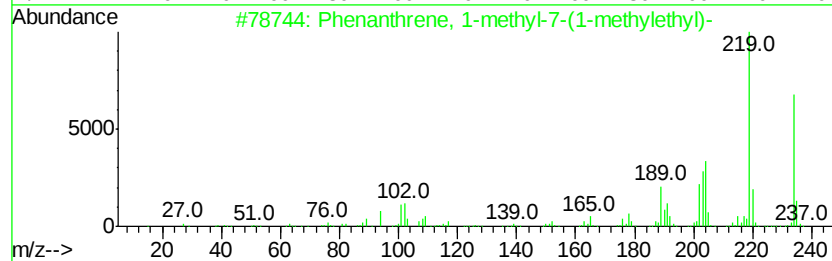
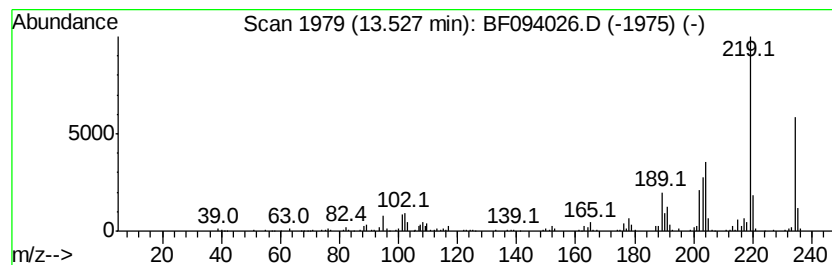
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Phenanthrene, 1-methyl-7-(1... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.53	4.75 ng	322694	Chrysene-d12	14.64

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Phenanthrene, 1-methyl-7-(1-meth...	234	C18H18	000483-65-8	99
2			2-Isopropyl-10-methylphenanthrene	234	C18H18	066552-97-4	95
3			Phenanthrene, 2,4,5,7-tetramethyl-	234	C18H18	007396-38-5	89
4			1-(10-Methylanthracen-9-yl)ethanone	234	C17H14O	036778-18-4	55
5			Phenanthrene, 3,4,5,6-tetramethyl-	234	C18H18	007343-06-8	49



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032917\
Data File : BF094026.D
Acq On : 29 Mar 2017 18:49
Operator : SJ/MA
Sample : I2443-15
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
E2-BB-CC-7-8-BASE

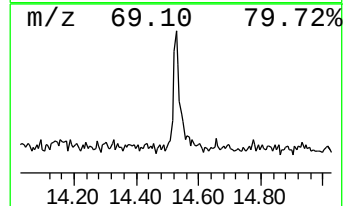
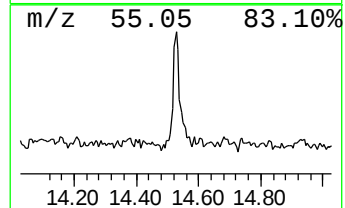
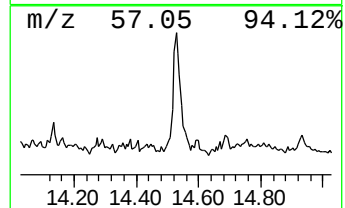
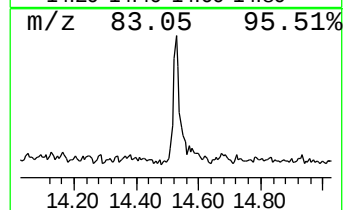
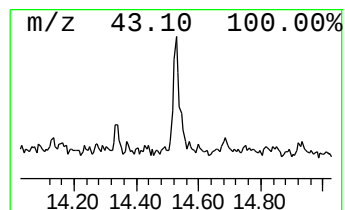
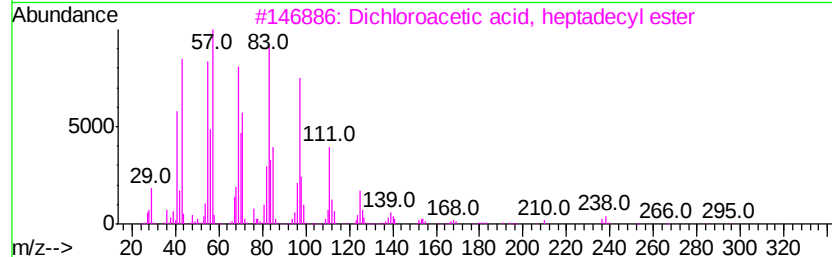
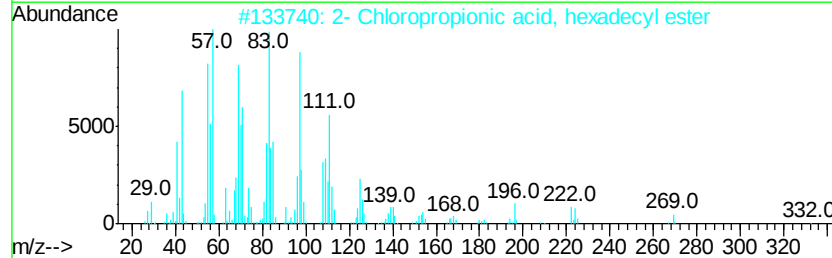
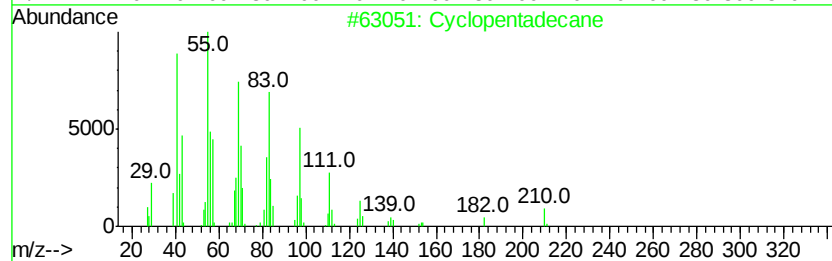
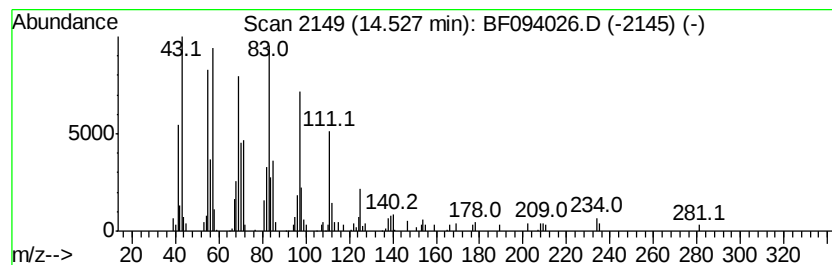
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF032217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Cyclopentadecane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.53	2.58 ng	175639	Chrysene-d12	14.64

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclopentadecane	210	C15H30	000295-48-7	96
2		2- Chloropropionic acid, hexadec...	332	C19H37ClO2	086711-81-1	94
3		Dichloroacetic acid, heptadecyl ...	366	C19H36Cl2O2	1000282-98-2	91
4		3-Eicosene, (E)-	280	C20H40	074685-33-9	91
5		1-Nonadecene	266	C19H38	018435-45-5	91



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032917\
Data File : BF094026.D
Acq On : 29 Mar 2017 18:49
Operator : SJ/MA
Sample : I2443-15
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
E2-BB-CC-7-8-BASE

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF032217.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...	4.07	9.1 ng		420832	1	5.92	930402	20.0
unknown5.66	5.66	94.0 ng		4374850	1	5.92	930402	20.0
Sulfur	9.89	2.6 ng		193681	3	9.56	1510750	20.0
unknown12.32	12.32	2.5 ng		177877	4	11.39	1440340	20.0
18-Norabietane	12.46	3.4 ng		242546	4	11.39	1440340	20.0
Phenanthrene, 1-m...	13.53	4.8 ng		322694	5	14.64	1359220	20.0
Cyclopentadecane	14.53	2.6 ng		175639	5	14.64	1359220	20.0