LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF071816\
Data File : BF089102.D
Acq On : 19 Jul 2016 1:10
Operator : UM/SJ
Sample : H4045-13
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : M9-B2(0-8)C

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-BF063016.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	1.633	3	4	13	rVB	190610	283011	15.13%	1.853%
2	1.747	13	14	56	rVB	986068	1869982	100.00%	12.244%
3	4.799	278	281	285	rBV	53932	96958	5.18%	0.635%
4	5.244	317	320	322	rBV	1528894	1661361	88.84%	10.878%
5	6.307	409	413	415	rBV	1491520	1774791	94.91%	11.620%
6	6.422	420	423	425	rBV	1325029	1730238	92.53%	11.329%
7	6.639	440	442	444	rBB	353279	311509	16.66%	2.040%
8	6.799	453	456	458	rBV	1350025	1173304	62.74%	7.682%
9	7.210	489	492	495	rBV	838070	870805	46.57%	5.702%
10	7.930	552	555	557	rBV	450492	411952	22.03%	2.697%
11	9.005	646	649	652	rBV	1343096	1374922	73.53%	9.002%
12	9.405	682	684	686	rVB	339791	282585	15.11%	1.850%
13	9.679	705	708	710	rBB	342219	357846	19.14%	2.343%
14	10.456	774	776	779	rBV2	517607	725755	38.81%	4.752%
15	10.593	786	788	793	rVB	32203	38093	2.04%	0.249%
16	11.039	825	827	828	rBV	25500	21813	1.17%	0.143%
17	11.153	834	837	838	rBV	339794	321611	17.20%	2.106%
18	12.354	940	942	944	rBV	64301	51745	2.77%	0.339%
19	12.571	959	961	963	rBV2	58099	77693	4.15%	0.509%
20	12.731	973	975	978	rVB	835993	990118	52.95%	6.483%
21	13.279	1021	1023	1024	rBV	31475	29058	1.55%	0.190%
22	13.645	1052	1055	1058	rBV	36105	48108	2.57%	0.315%
23	13.771	1064	1066	1071	rBV	314060	340175	18.19%	2.227%
24	14.274	1107	1110	1114	rBV3	10358	32189	1.72%	0.211%
25	14.628	1138	1141	1142	rBV	47486	58779	3.14%	0.385%
26	14.765	1151	1153	1158	rVB	26319	46319	2.48%	0.303%
27	15.028	1173	1176	1178	rBV	16192	29453	1.58%	0.193%
28	15.074	1178	1180	1183	rVV	20166	33964	1.82%	0.222%
29	15.131	1183	1185	1188	rVV	191364	229034	12.25%	1.500%

Sum of corrected areas: 15273171

LSC Report - Integrated Chromatogram

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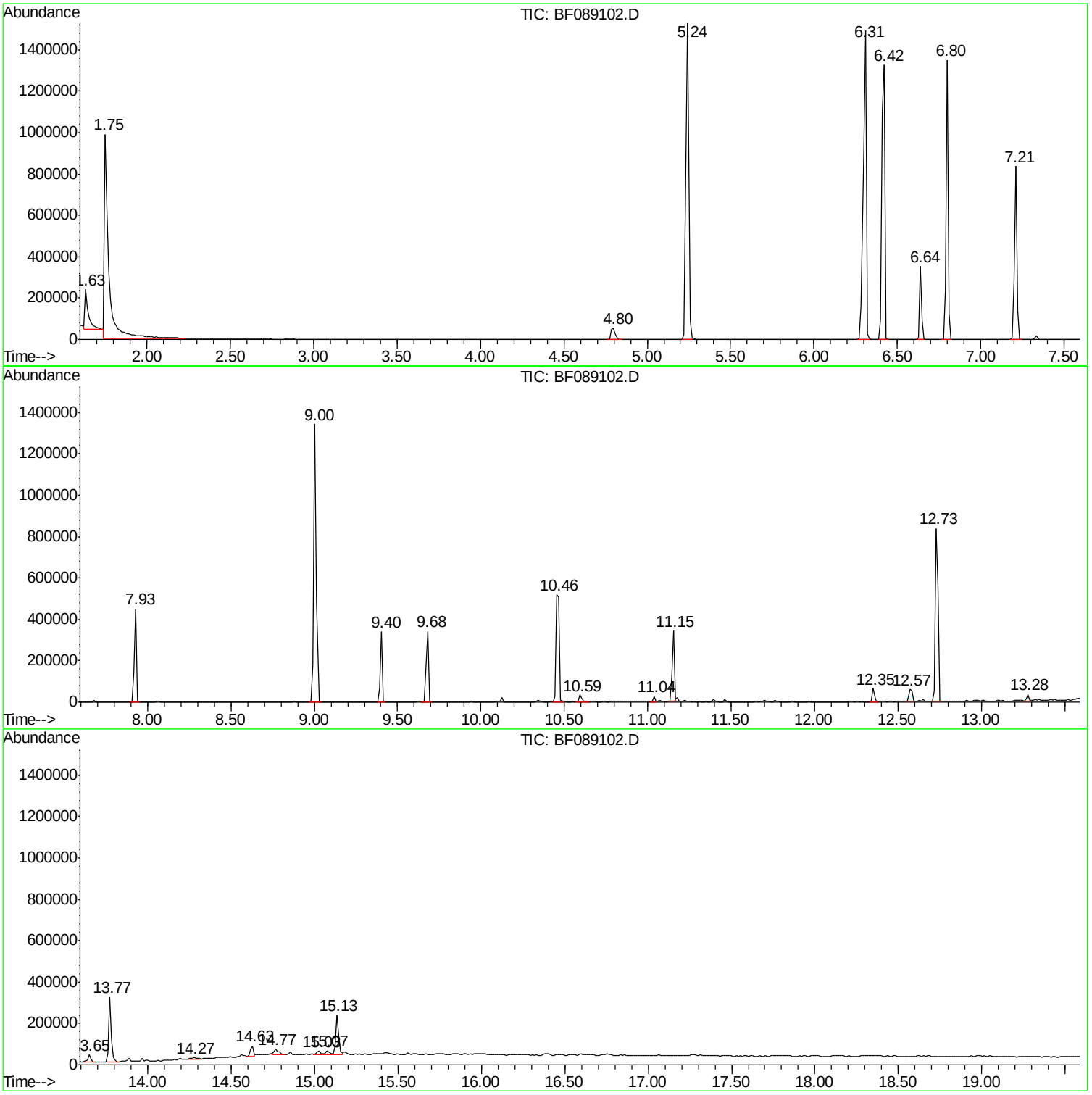
Instrument :
BNA_F
ClientSampleId :
M9-B2(0-8)C

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF063016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF071816\
Data File : BF089102.D
Acq On : 19 Jul 2016 1:10
Operator : UM/SJ
Sample : H4045-13
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : M9-B2(0-8)C

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF063016.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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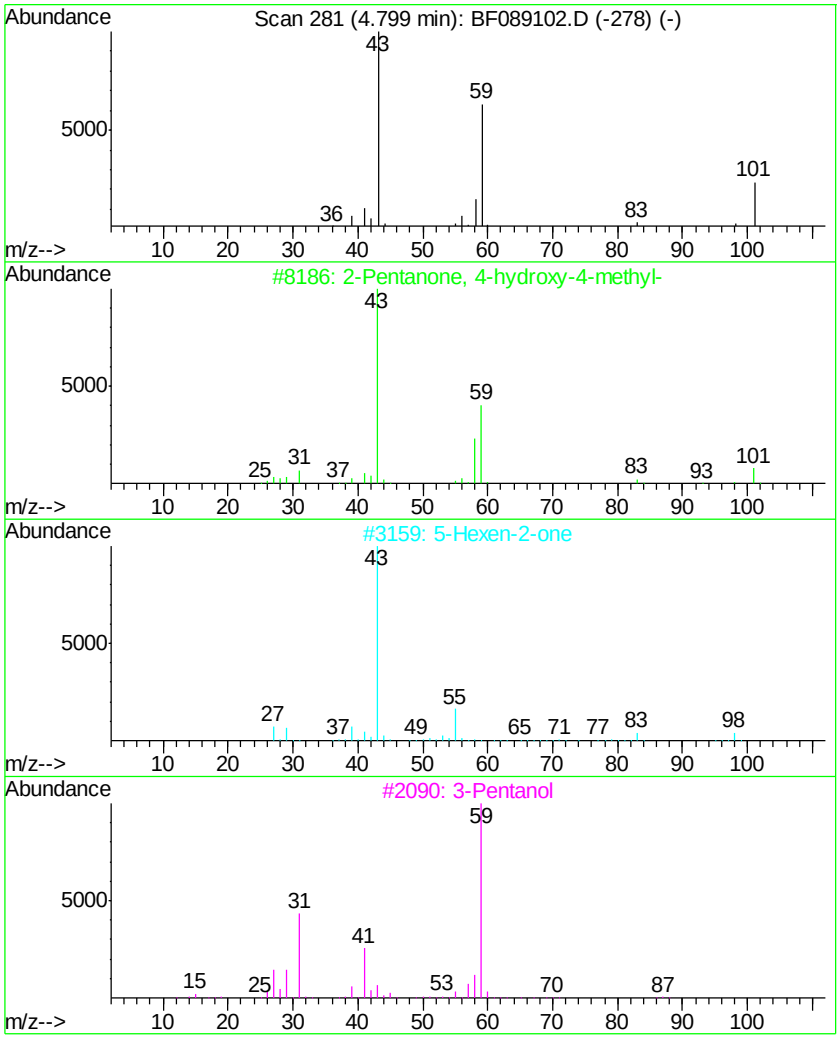
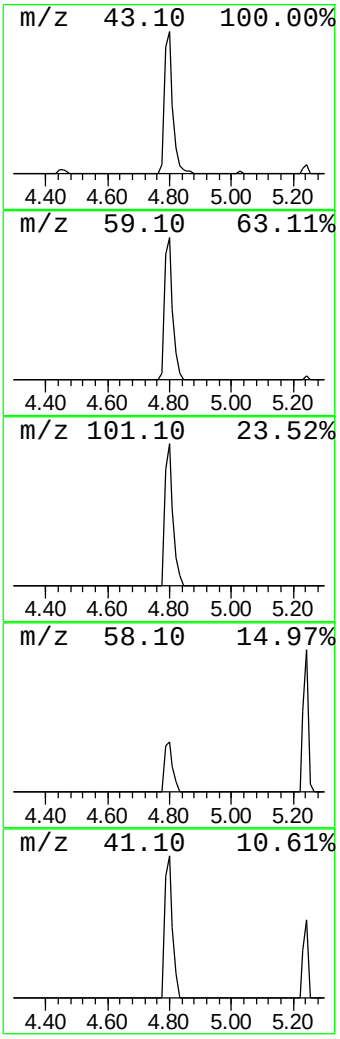
Peak Number 3 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.80	6.23 ng	96958	1,4-Dichlorobenzene-d4	6.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
2	5-Hexen-2-one	98	C6H10O	000109-49-9	9
3	3-Pentanol	88	C5H12O	000584-02-1	9
4	3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	9
5	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	9





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Operator : UM/SJ
Sample : H4045-13
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : M9-B2(0-8)C

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF063016.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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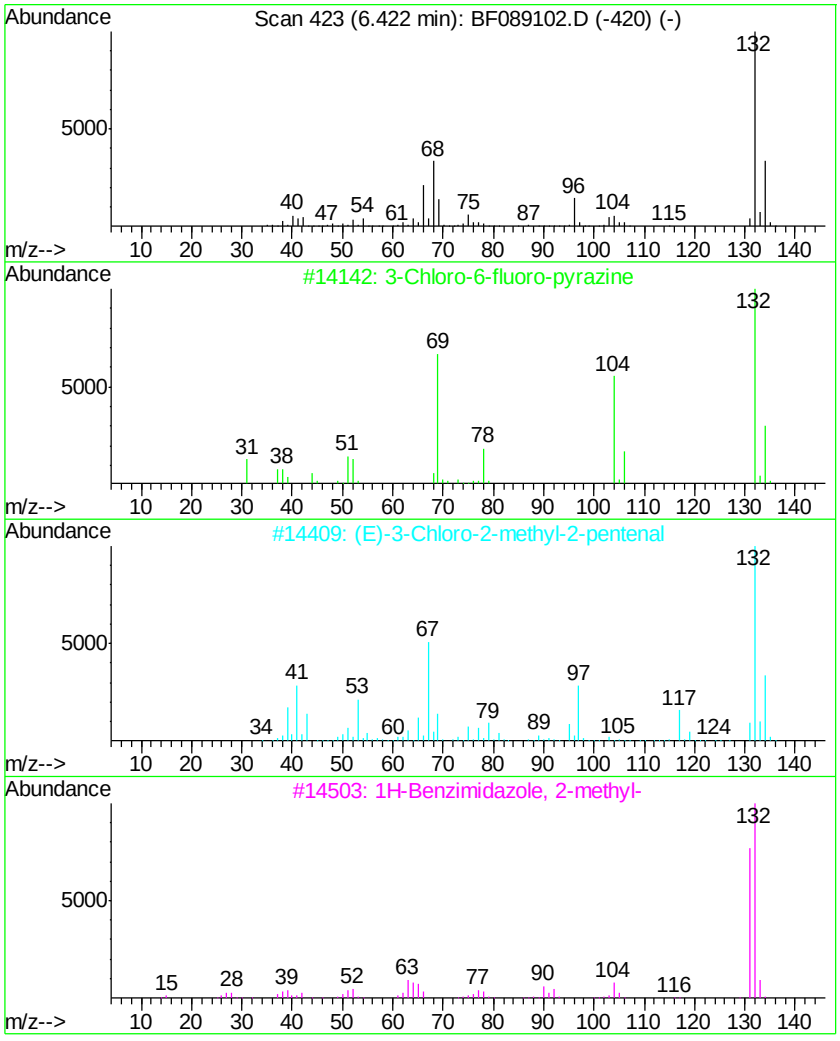
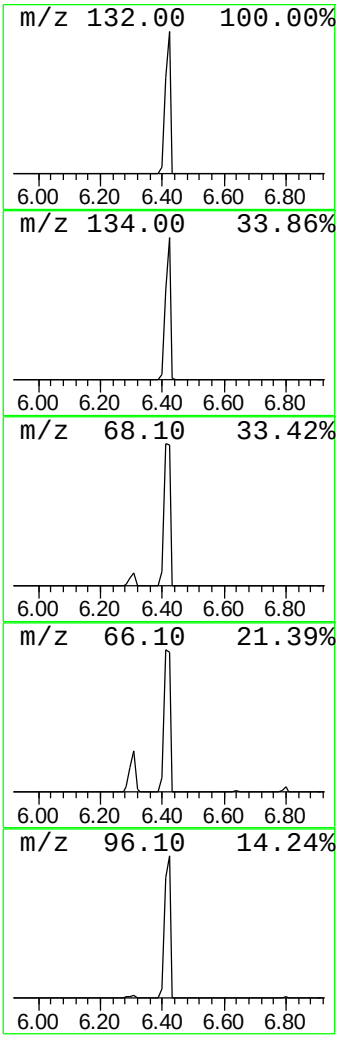
Peak Number 4 unknown6.42 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.42	111.09 ng	1730240	1,4-Dichlorobenzene-d4	6.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	38
2	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	25
3	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	9
4	Xenon	132	Xe	007440-63-3	9
5	(5-Methyl-2-pyridyl)acetonitrile	132	C8H8N2	1000241-93-9	9





Data Path : Z:\HPCHEM1\BNA F\DATA\BF071816\
Data File : BF089102.D
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Operator : UM/SJ
Sample : H4045-13
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : M9-B2(0-8)C

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF063016.M
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TIC Library : C:\Database\NIST11.L
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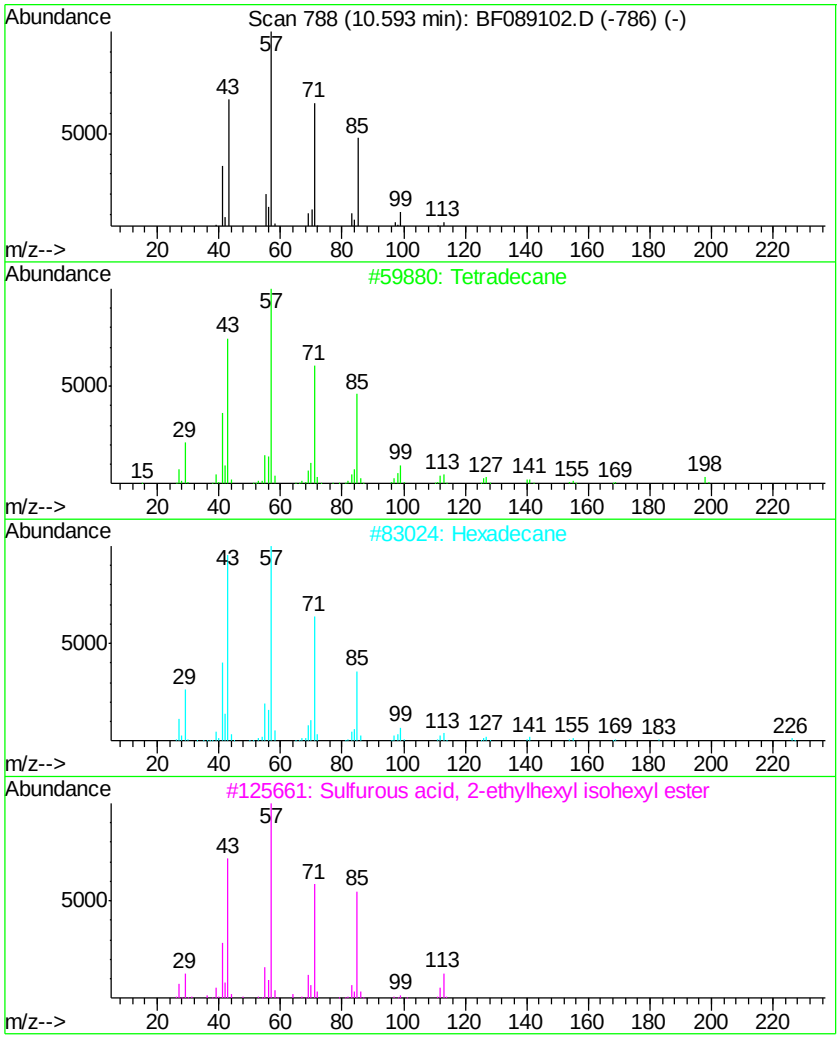
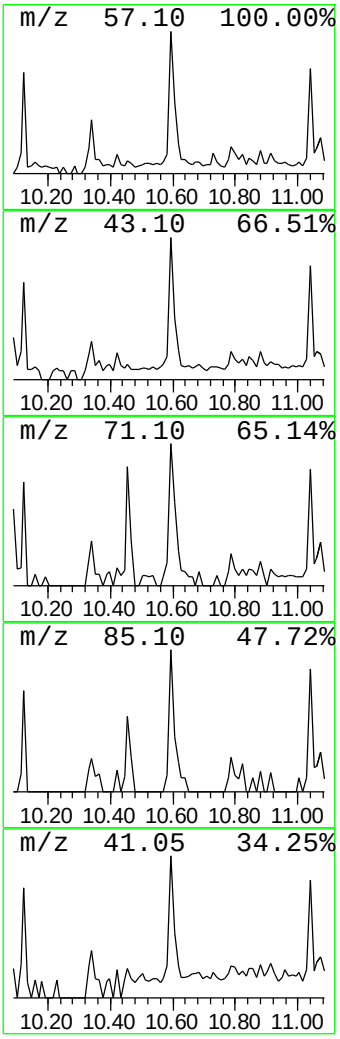
Peak Number 6 Tetradecane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.59	2.37 ng	38093	Phenanthrene-d10	11.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane	198	C14H30	000629-59-4	80
2	Hexadecane	226	C16H34	000544-76-3	72
3	Sulfurous acid, 2-ethylhexyl iso...	278	C14H30O3S	1000309-19-0	64
4	Sulfurous acid, 2-ethylhexyl hex...	278	C14H30O3S	1000309-20-2	59
5	Sulfurous acid, hexyl heptyl ester	264	C13H28O3S	1000309-12-9	52





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Instrument : BNA_F
ClientSampleId : M9-B2(0-8)C

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF063016.M
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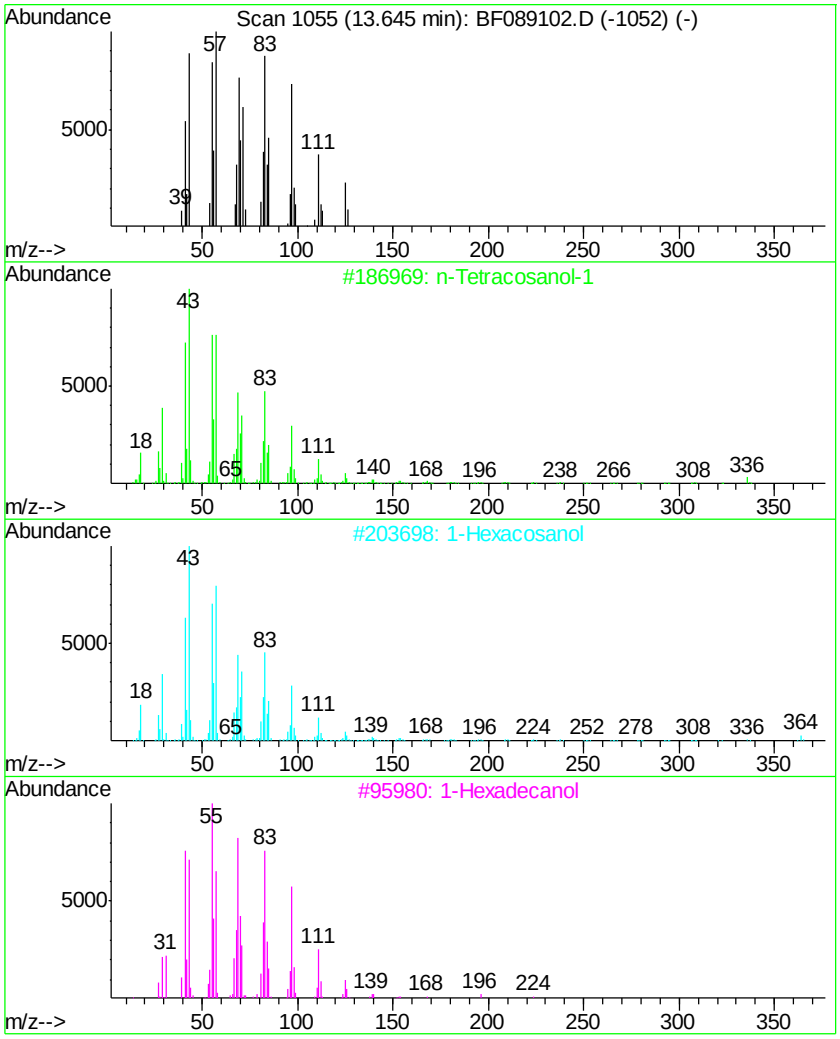
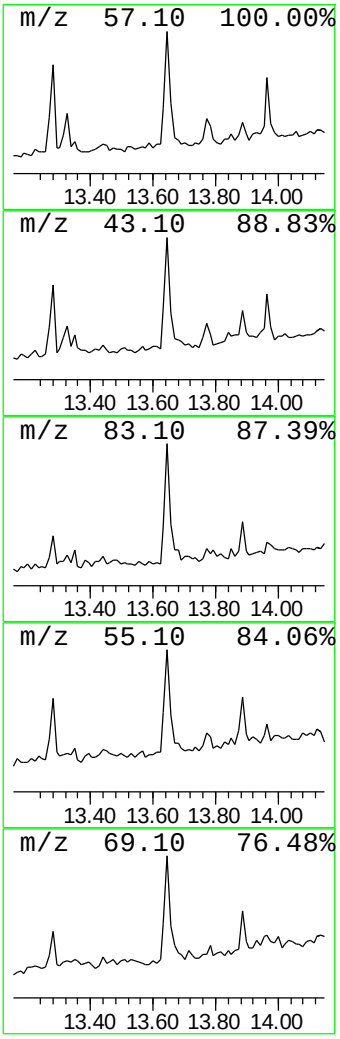
Peak Number 7 n-Tetracosanol-1 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.65	2.83 ng	48108	Chrysene-d12	13.77

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Tetracosanol-1	354	C24H50O	000506-51-4	91
2	1-Hexacosanol	382	C26H54O	000506-52-5	91
3	1-Hexadecanol	242	C16H34O	036653-82-4	83
4	Carbonic acid, isobutyl octadecy...	370	C23H46O3	1000314-61-5	74
5	11-Tricosene	322	C23H46	052078-56-5	72





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Operator : UM/SJ
Sample : H4045-13
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ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : M9-B2(0-8)C

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF063016.M
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TIC Library : C:\Database\NIST11.L
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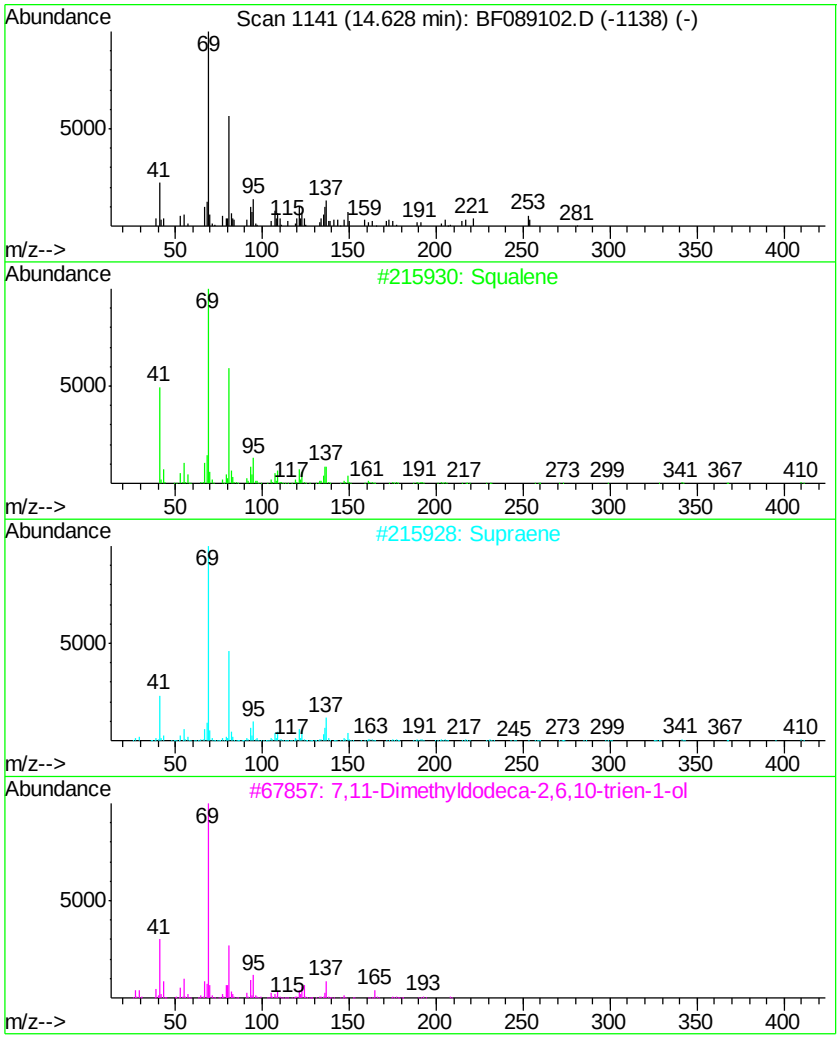
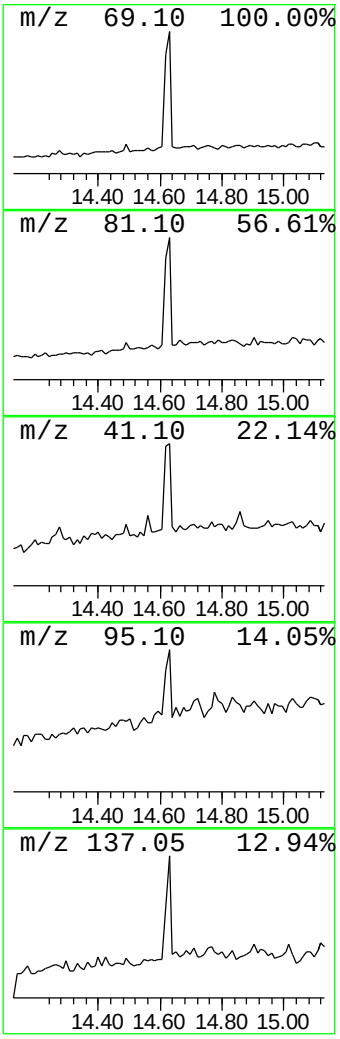
Peak Number 8 Squalene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.63	5.13 ng	58779	Perylene-d12	15.13

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Squalene	410	C30H50	000111-02-4	87
2	Supraene	410	C30H50	007683-64-9	86
3	7,11-Dimethyldodeca-2,6,10-trien...	208	C14H24O	125529-10-4	64
4	trans-Farnesol	222	C15H26O	000106-28-5	64
5	3,7,11-Tridecatrienenitrile, 4,8...	231	C16H25N	006006-01-5	59





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Instrument : BNA_F
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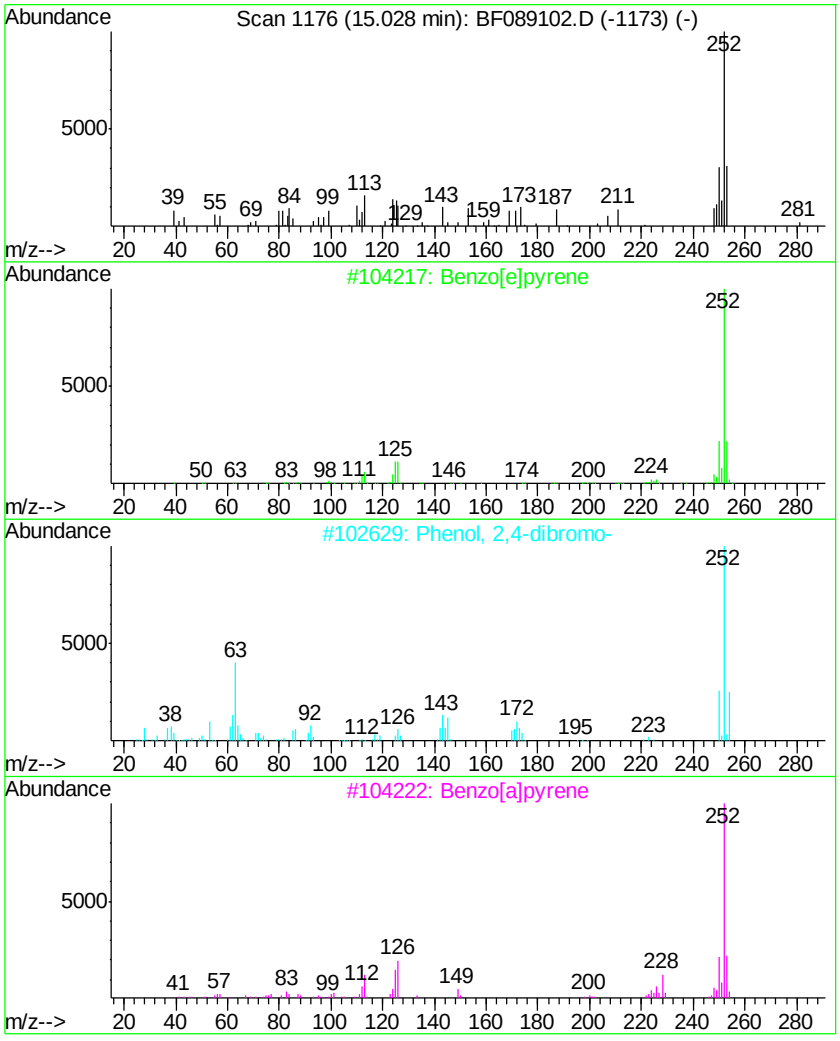
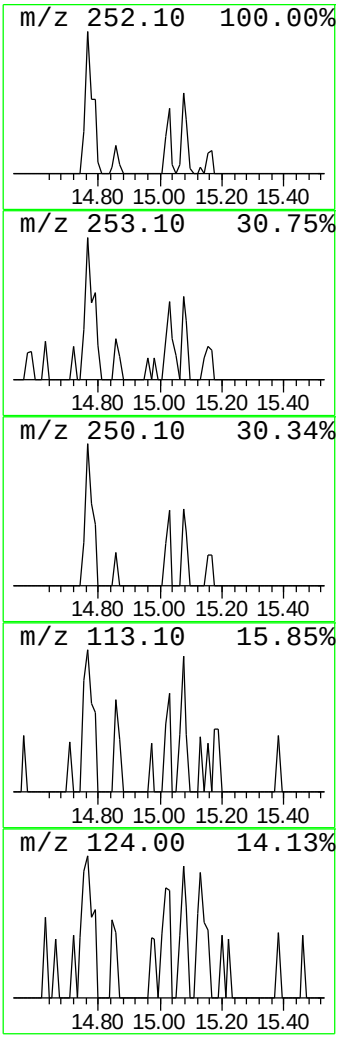
Peak Number 9 Benzo[e]pyrene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.03	2.57 ng	29453	Perylene-d12	15.13

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	58
2	Phenol, 2,4-dibromo-	250	C6H4Br2O	000615-58-7	50
3	Benzo[a]pyrene	252	C20H12	000050-32-8	50
4	Benzo[k]fluoranthene	252	C20H12	000207-08-9	49
5	Perylene	252	C20H12	000198-55-0	47





Tentatively Identified Compound (LSC) summary

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
2-Pentanone, 4-hy...	4.80	6.2	ng	96958	1	6.64	311509	20.0
unknown6.42	6.42	111.1	ng	1730240	1	6.64	311509	20.0
Tetradecane	10.59	2.4	ng	38093	4	11.15	321611	20.0
n-Tetracosanol-1	13.65	2.8	ng	48108	5	13.77	340175	20.0
Squalene	14.63	5.1	ng	58779	6	15.13	229034	20.0
Benzo[e]pyrene	15.03	2.6	ng	29453	6	15.13	229034	20.0