LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF032918\
Data File : BF104079.D
Acq On : 30 Mar 2018 4:51
Operator : JU/SJ
Sample : J2091-01
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : FK-BPM-01-G1-G2-H1-H2

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-BF032818.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	2.299	31	36	42	rVB	76966	108680	4.85%	0.581%
2	5.210	527	531	537	rBV	54814	77480	3.45%	0.414%
3	5.598	594	597	626	rBV	1248665	1925501	85.86%	10.285%
4	6.598	763	767	787	rBV	1213492	2012835	89.75%	10.752%
5	6.739	787	791	813	rVB	1659019	2190295	97.66%	11.700%
6	6.969	826	830	852	rVV	320796	560850	25.01%	2.996%
7	7.122	852	856	885	rVB	1442261	1729680	77.12%	9.239%
8	7.533	922	926	949	rBV	684825	1267250	56.51%	6.769%
9	8.245	1044	1047	1071	rBV	513711	766929	34.20%	4.097%
10	9.316	1225	1229	1238	rBV	2059085	2242710	100.00%	11.980%
11	9.710	1289	1296	1303	rBV	95576	118072	5.26%	0.631%
12	9.910	1327	1330	1335	rBV	47104	42318	1.89%	0.226%
13	10.004	1342	1346	1358	rBV	690893	746916	33.30%	3.990%
14	10.410	1413	1415	1419	rVB	62121	49559	2.21%	0.265%
15	10.627	1447	1452	1455	rBV2	18558	23798	1.06%	0.127%
16	10.798	1477	1481	1493	rBV	774784	1033271	46.07%	5.519%
17	10.886	1493	1496	1507	rVB	63060	87796	3.91%	0.469%
18	11.498	1597	1600	1616	rBV	399240	587157	26.18%	3.136%
19	13.086	1865	1870	1886	rBV	1357574	1601255	71.40%	8.553%
20	13.957	2015	2018	2027	rBV	125713	166278	7.41%	0.888%
21	14.157	2048	2052	2062	rBV	511950	654712	29.19%	3.497%
22	14.233	2062	2065	2068	rVB3	24440	27689	1.23%	0.148%
23	14.598	2124	2127	2131	rBV4	32213	42631	1.90%	0.228%
24	14.992	2191	2194	2198	rVB	27161	31537	1.41%	0.168%
25	15.698	2306	2314	2327	rBV	335455	625454	27.89%	3.341%

Sum of corrected areas: 18720653

LSC Report - Integrated Chromatogram

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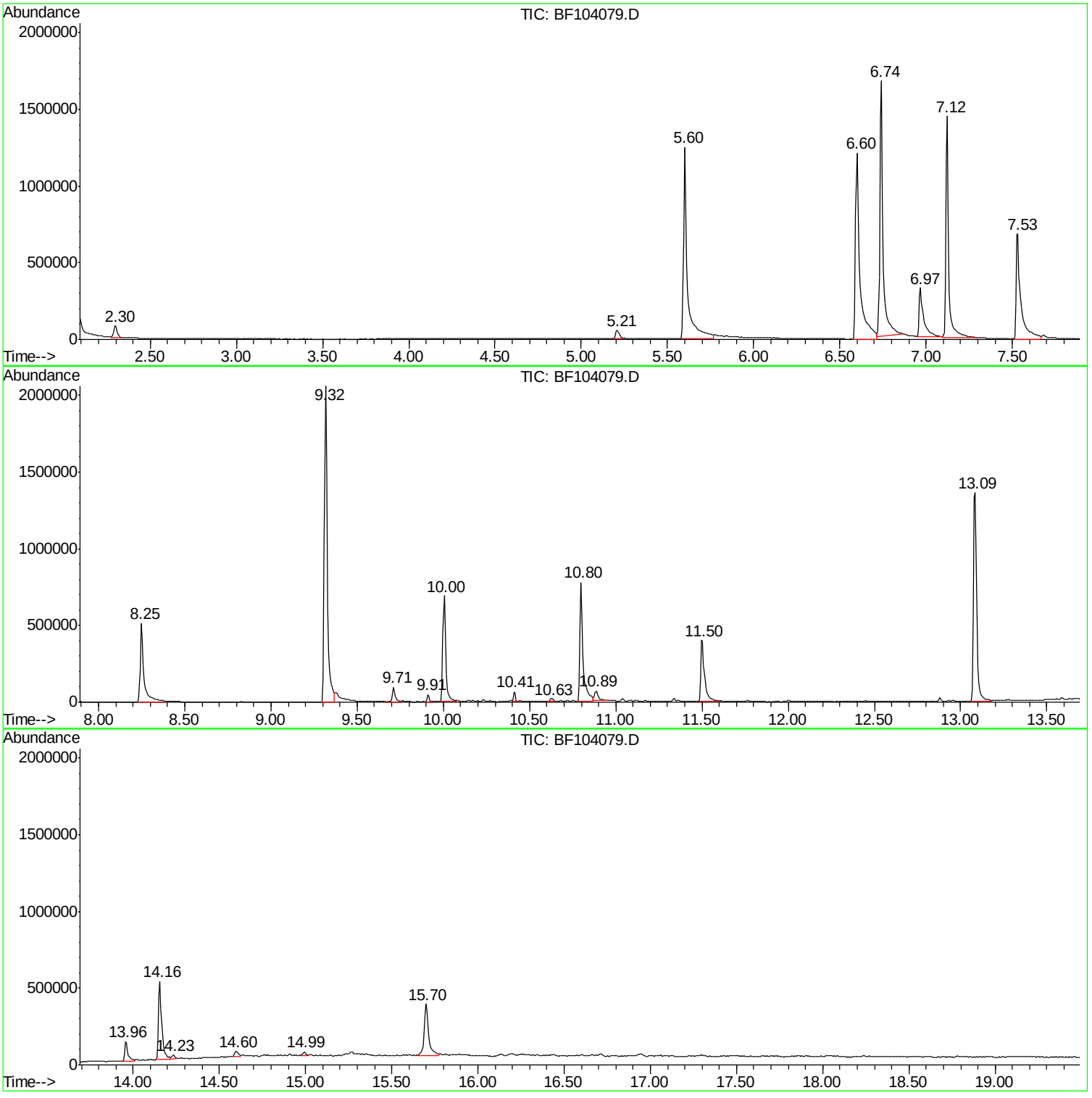
ClientSampleId :
FK-BPM-01-G1-G2-H1-H2

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF032818.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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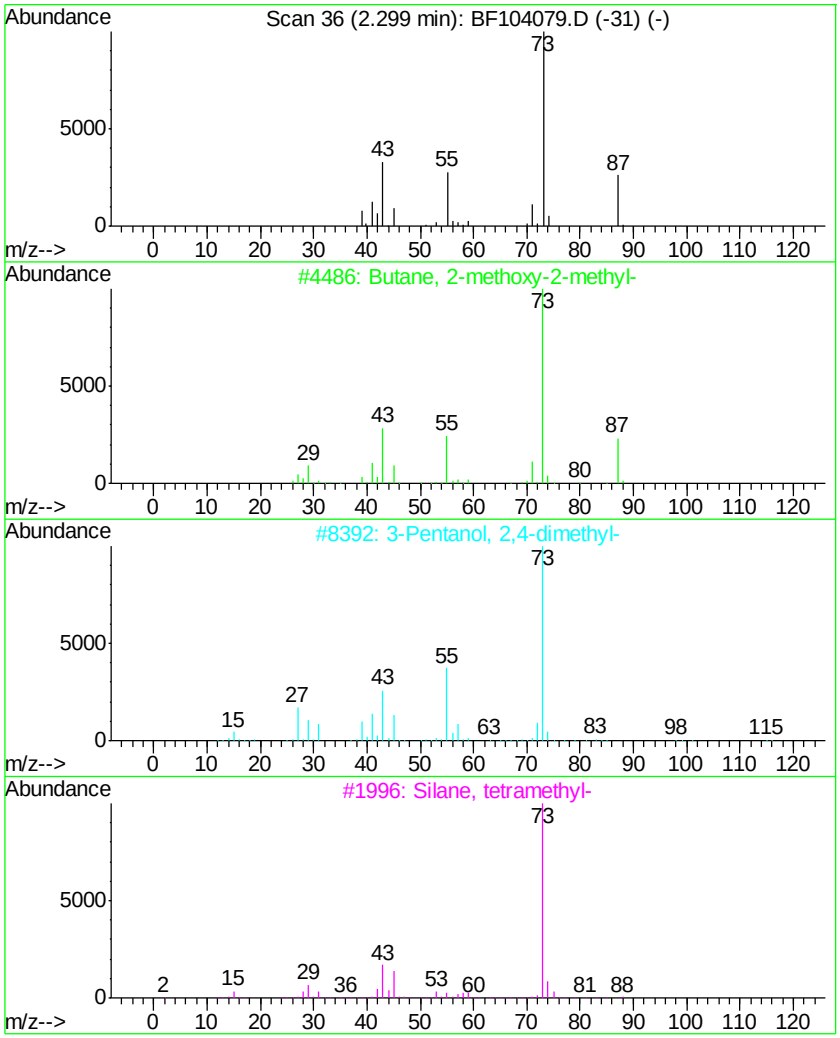
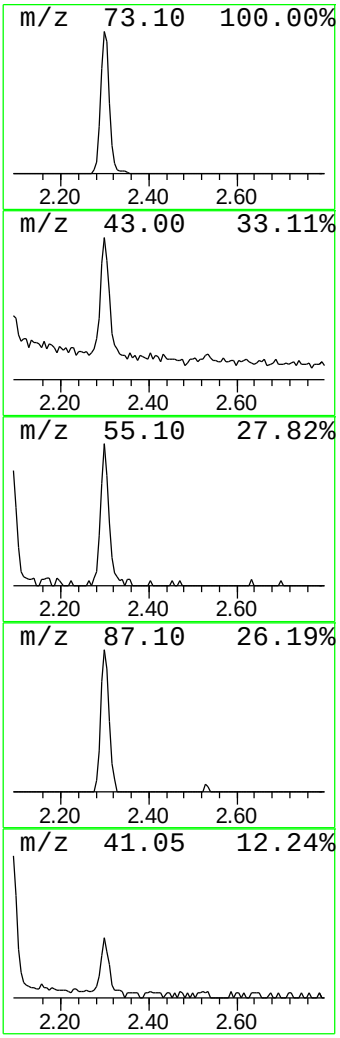
Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.30	3.88 ng	108680	1,4-Dichlorobenzene-d4	6.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	78
2	3-Pentanol, 2,4-dimethyl-	116	C7H16O	000600-36-2	25
3	Silane, tetramethyl-	88	C4H12Si	000075-76-3	25
4	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	17
5	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	9





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Instrument : BNA_F
ClientSampleId : FK-BPM-01-G1-G2-H1-H2

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF032818.M
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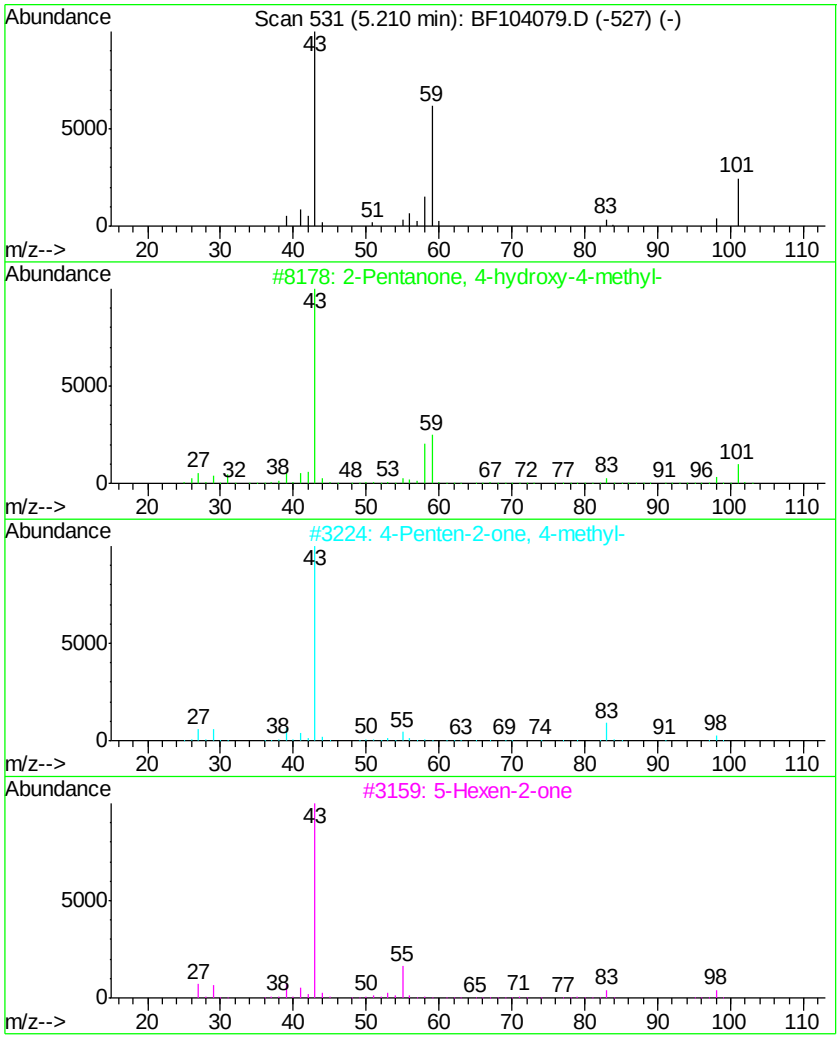
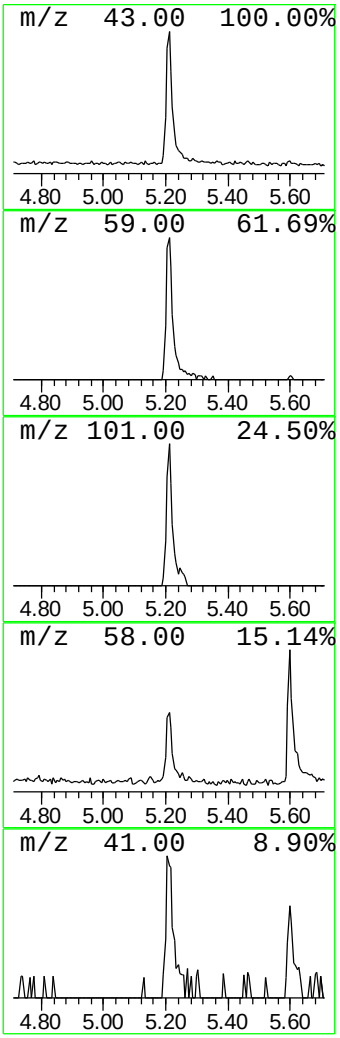
Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.21	2.76 ng	77480	1,4-Dichlorobenzene-d4	6.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	64
2	4-Penten-2-one, 4-methyl-	98	C6H10O	003744-02-3	9
3	5-Hexen-2-one	98	C6H10O	000109-49-9	9
4	2-Octanol, 2,6-dimethyl-	158	C10H22O	018479-57-7	9
5	3-Heptanol, 4-methyl-	130	C8H18O	014979-39-6	9





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Sample : J2091-01
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : FK-BPM-01-G1-G2-H1-H2

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF032818.M
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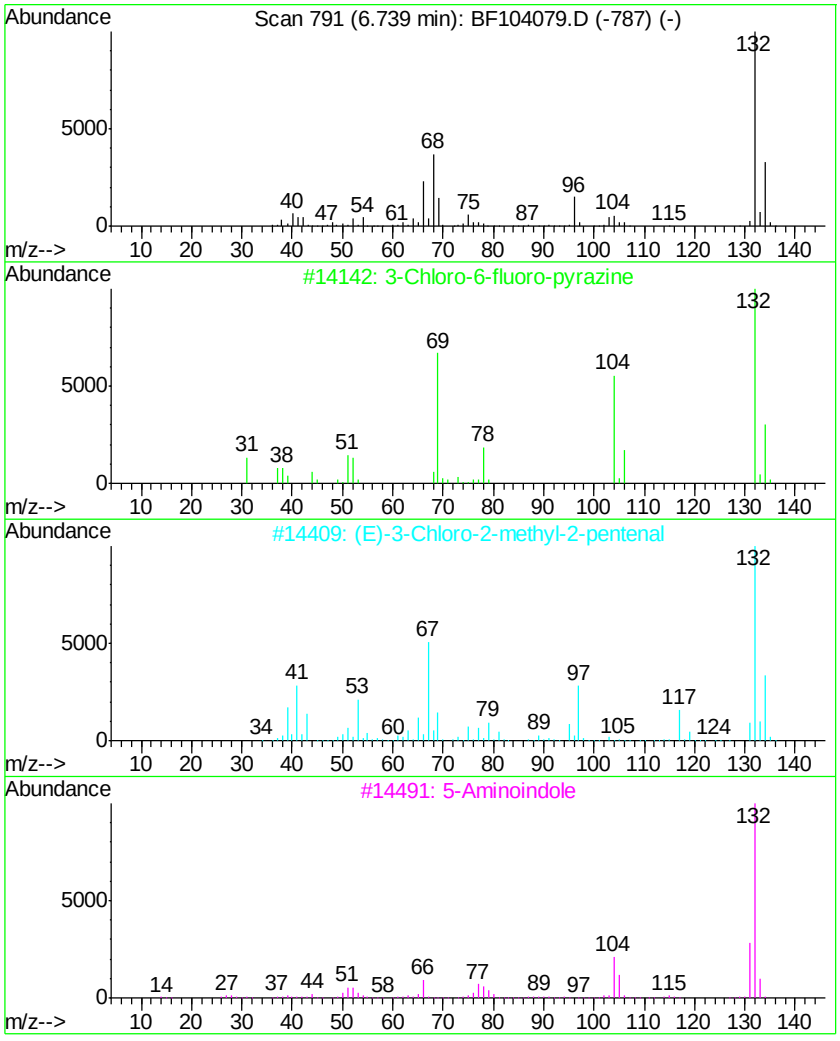
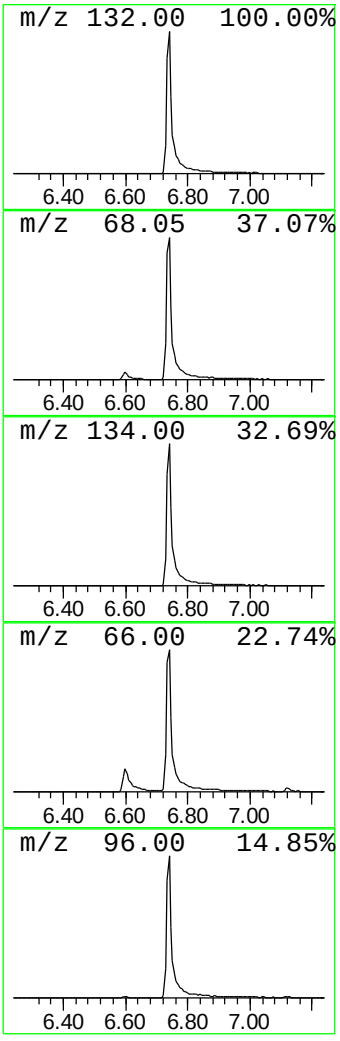
Peak Number 3 unknown6.74 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.74	78.11 ng	2190300	1,4-Dichlorobenzene-d4	6.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	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	5-Aminoindole	132	C8H8N2	005192-03-0	12
4	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	9
5	(5-Methyl-2-pyridyl)acetonitrile	132	C8H8N2	1000241-93-9	9





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Instrument : BNA_F
ClientSampleId : FK-BPM-01-G1-G2-H1-H2

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF032818.M
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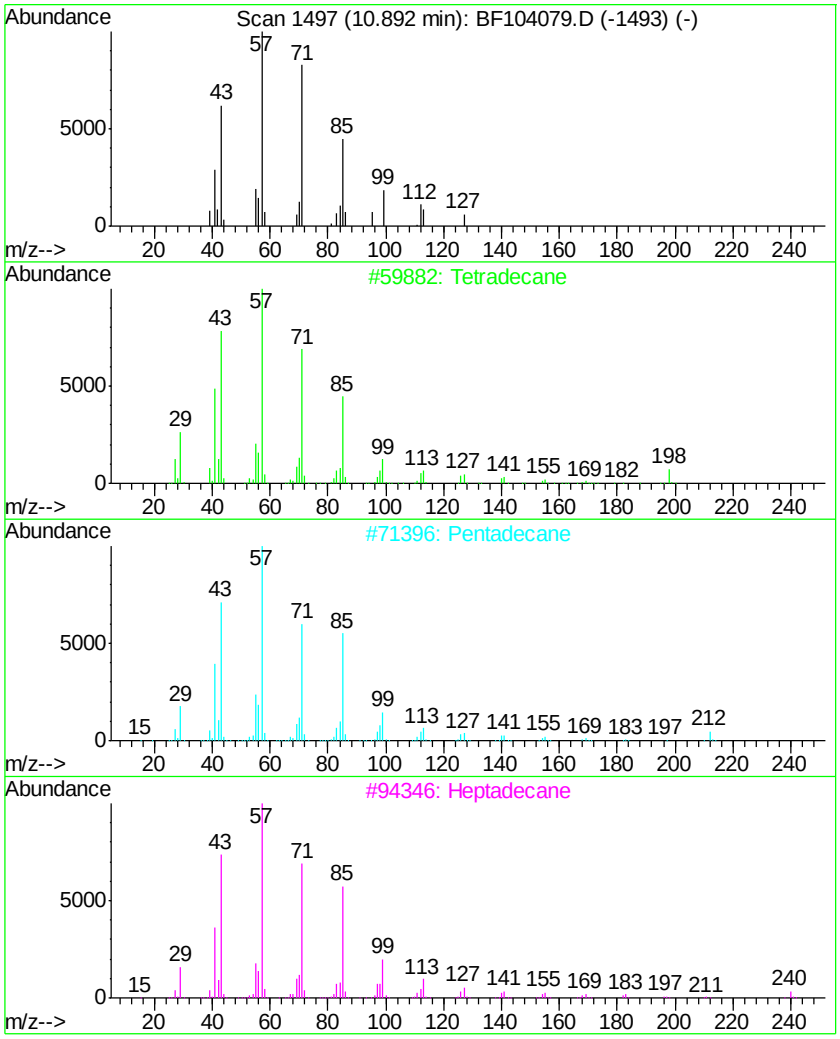
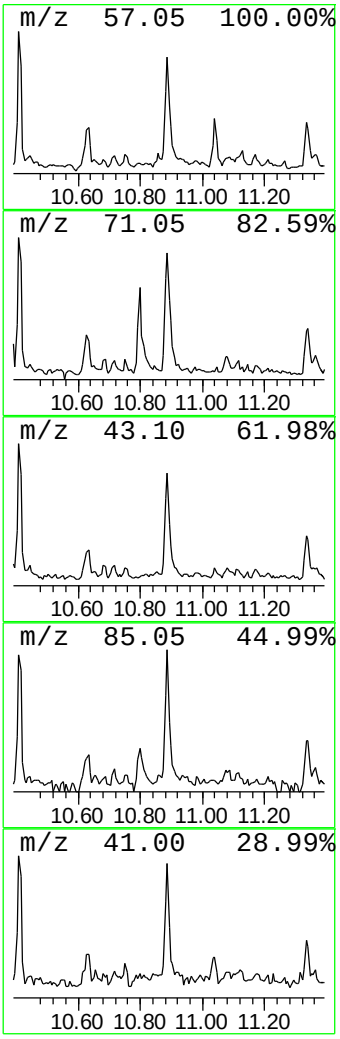
Peak Number 5 Tetradecane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.89	2.99 ng	87796	Phenanthrene-d10	11.50

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane	198	C14H30	000629-59-4	90
2	Pentadecane	212	C15H32	000629-62-9	83
3	Heptadecane	240	C17H36	000629-78-7	83
4	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	80
5	Decane, 2,3,6-trimethyl-	184	C13H28	062238-12-4	78





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Sample : J2091-01
Misc :
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Instrument : BNA_F
ClientSampleId : FK-BPM-01-G1-G2-H1-H2

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF032818.M
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TIC Library : C:\DATABASE\NIST11.L
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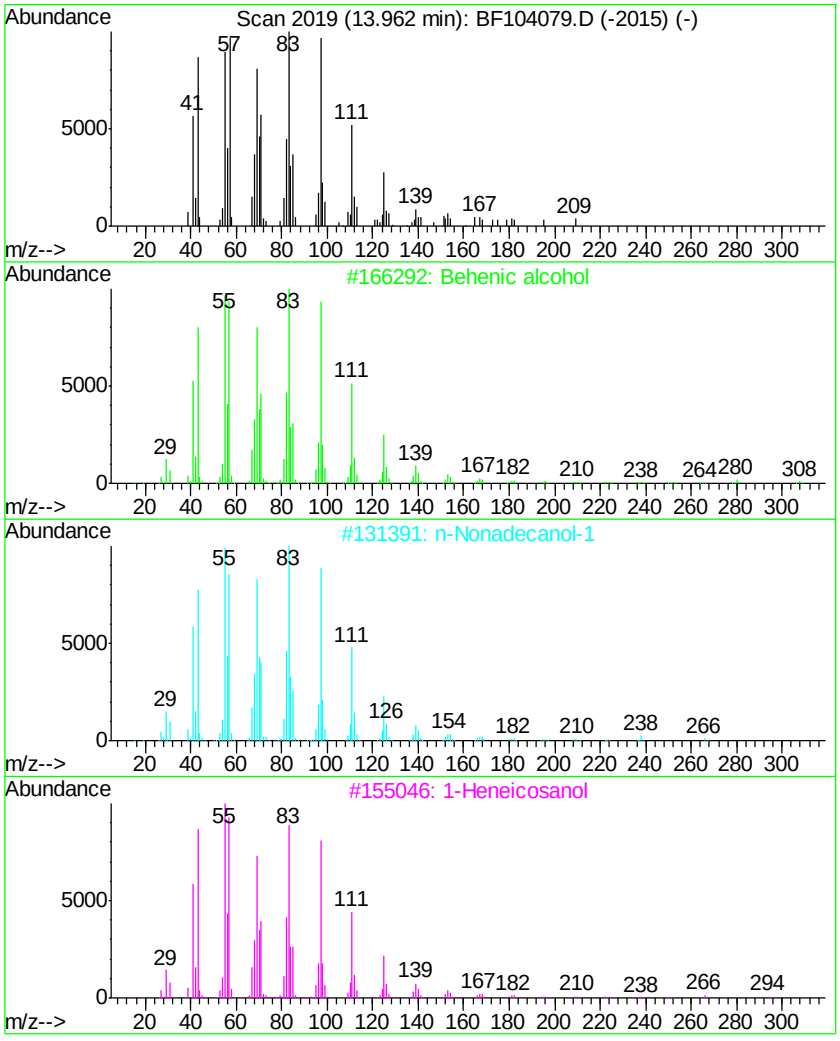
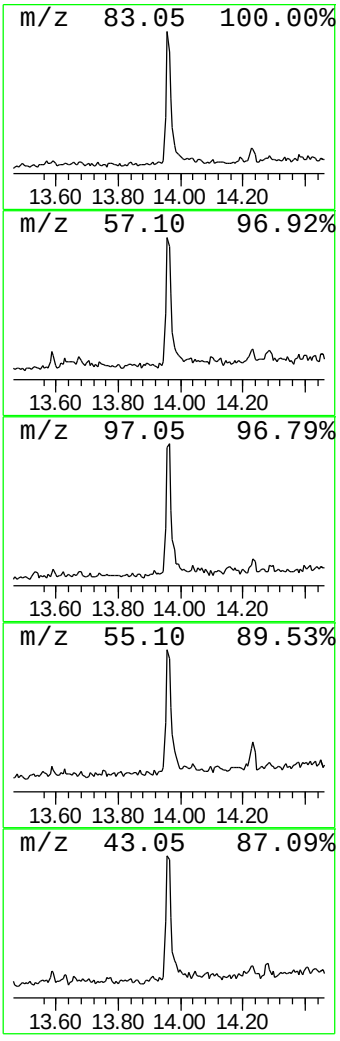
Peak Number 6 Behenic alcohol Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.96	5.08 ng	166278	Chrysene-d12	14.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Behenic alcohol	326	C22H46O	000661-19-8	95
2	n-Nonadecanol-1	284	C19H40O	001454-84-8	95
3	1-Heneicosanol	312	C21H44O	015594-90-8	94
4	n-Tetracosanol-1	354	C24H50O	000506-51-4	94
5	1-Heptacosanol	396	C27H56O	002004-39-9	91





Tentatively Identified Compound (LSC) summary

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					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Butane, 2-methoxy...	2.30	3.9	ng	108680	1	6.97	560850	20.0
2-Pentanone, 4-hy...	5.21	2.8	ng	77480	1	6.97	560850	20.0
unknown6.74	6.74	78.1	ng	2190300	1	6.97	560850	20.0
Tetradecane	10.89	3.0	ng	87796	4	11.50	587157	20.0
Behenic alcohol	13.96	5.1	ng	166278	5	14.16	654712	20.0