LSC Area Percent Report

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA M\DATA\BM030718\
Data File : BM014509.D
Acq On : 06 Mar 2018 21:48
Operator : SJ/JU
Sample : J1699-57
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B26

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_M\METHODS\8270-BM020718.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	4.687	286	289	294	rVB	29286	39391	1.08%	0.144%
2	5.134	359	365	380	rBV	1449056	2285311	62.50%	8.333%
3	6.710	627	633	648	rBV	1294359	2299165	62.88%	8.384%
4	7.045	683	690	704	rBV	1638049	2538932	69.44%	9.258%
5	7.504	762	768	777	rBV	441728	716132	19.59%	2.611%
6	7.816	813	821	835	rBV	1270527	2087905	57.11%	7.613%
7	8.669	958	966	979	rBV	829372	1617110	44.23%	5.897%
8	10.275	1230	1239	1260	rBV	407913	864932	23.66%	3.154%
9	12.492	1611	1616	1622	rVB2	55376	86971	2.38%	0.317%
10	12.769	1654	1663	1681	rBV	1947280	3300916	90.28%	12.036%
11	13.686	1816	1819	1826	rVB3	40050	54456	1.49%	0.199%
12	14.169	1894	1901	1913	rBV2	560128	969503	26.52%	3.535%
13	14.969	2030	2037	2042	rBV2	33652	55240	1.51%	0.201%
14	15.680	2149	2158	2180	rBV	1237499	2274640	62.21%	8.294%
15	16.933	2366	2371	2382	rBV	575922	996658	27.26%	3.634%
16	17.221	2414	2420	2425	rBV	95991	130940	3.58%	0.477%
17	17.839	2520	2525	2529	rBV2	111684	166751	4.56%	0.608%
18	17.904	2531	2536	2543	rVB	604880	737683	20.18%	2.690%
19	18.756	2678	2681	2685	rBV5	35632	43298	1.18%	0.158%
20	19.127	2741	2744	2750	rBV7	35432	61500	1.68%	0.224%
21	19.351	2778	2782	2786	rVB2	60553	73145	2.00%	0.267%
22	19.580	2815	2821	2829	rBV	2816725	3656239	100.00%	13.332%
23	19.886	2869	2873	2877	rVB3	110984	131954	3.61%	0.481%
24	20.386	2955	2958	2963	rBV2	98894	102384	2.80%	0.373%
25	20.850	3034	3037	3042	rBV2	150761	181194	4.96%	0.661%
26	21.150	3084	3088	3093	rBV2	722472	1006351	27.52%	3.669%
27	23.333	3454	3459	3467	rVB	502094	946058	25.88%	3.450%

Sum of corrected areas: 27424759

LSC Report - Integrated Chromatogram

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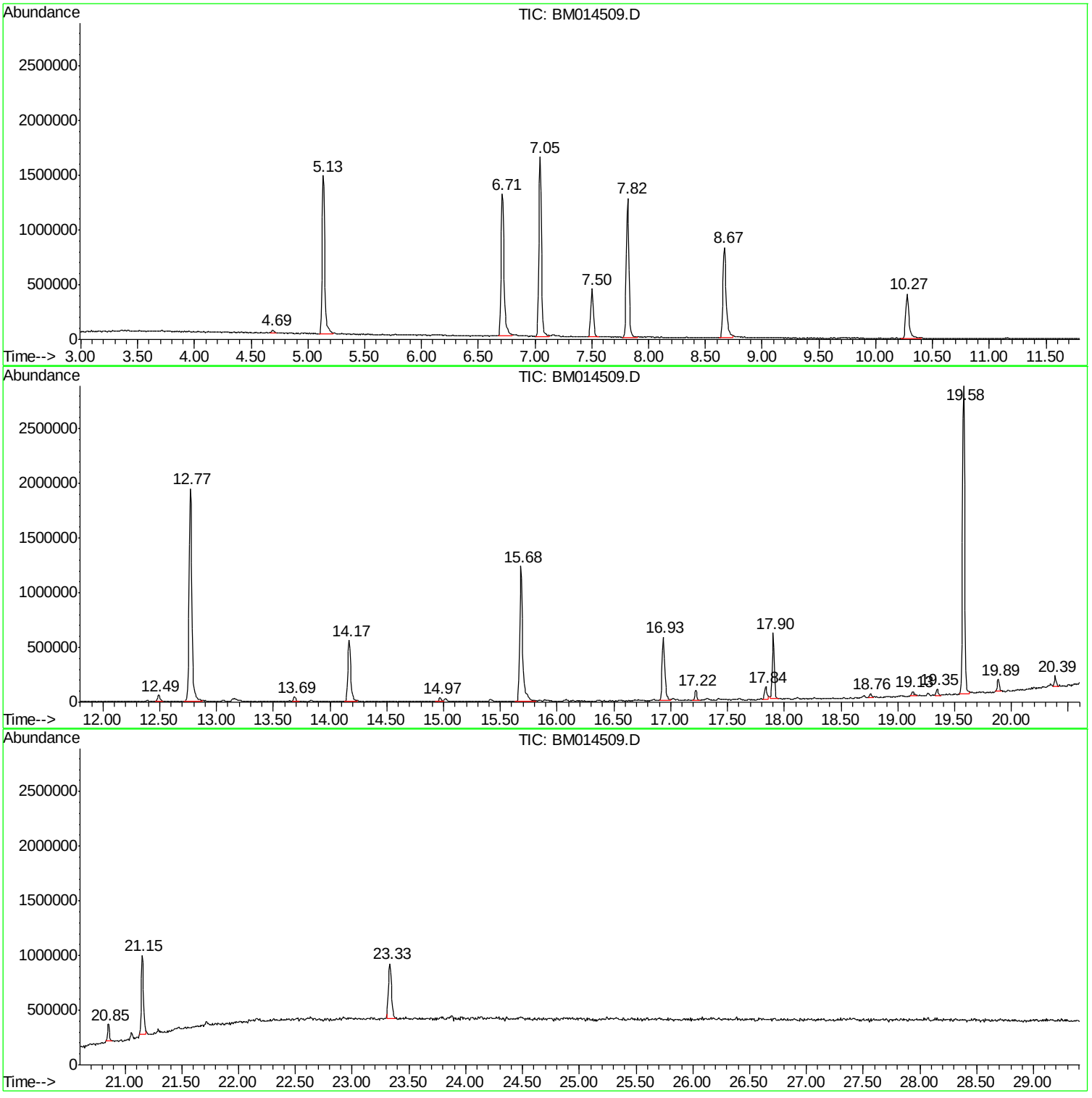
Operator : SJ/JU
Sample : J1699-57
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
B26

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\8270-BM020718.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Library Search Compound Report

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA M\DATA\BM030718\
Data File : BM014509.D
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Operator : SJ/JU
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Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B26

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\8270-BM020718.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

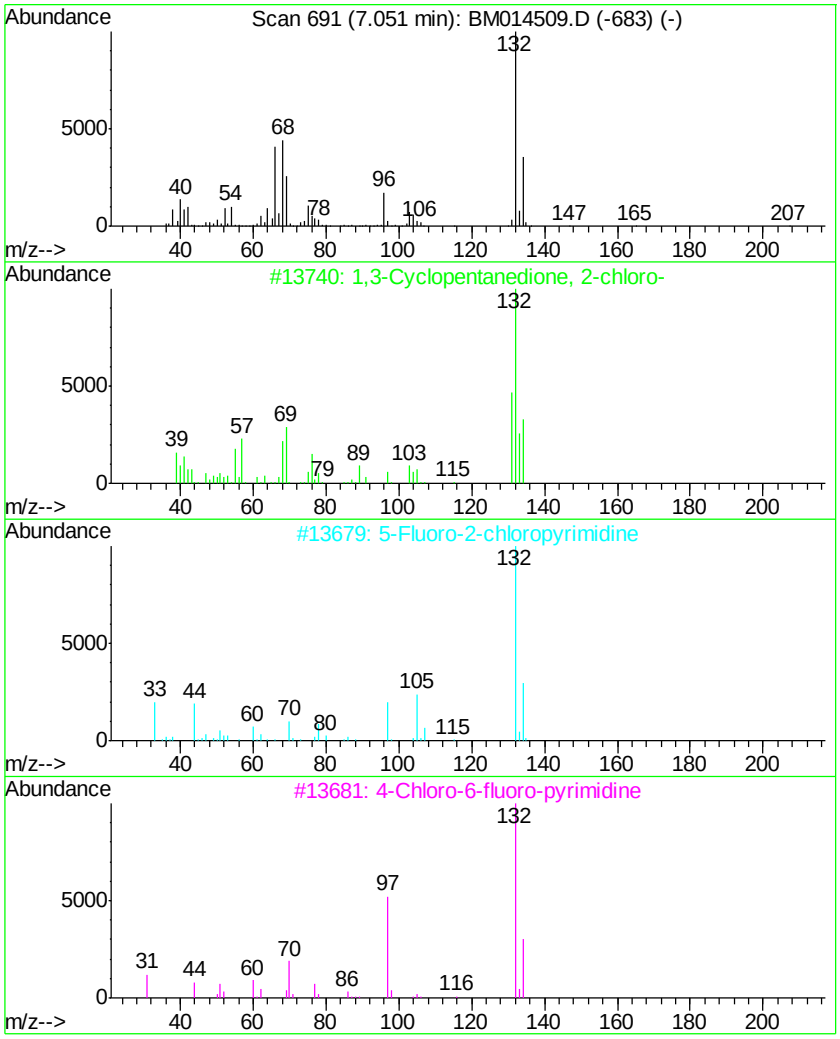
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

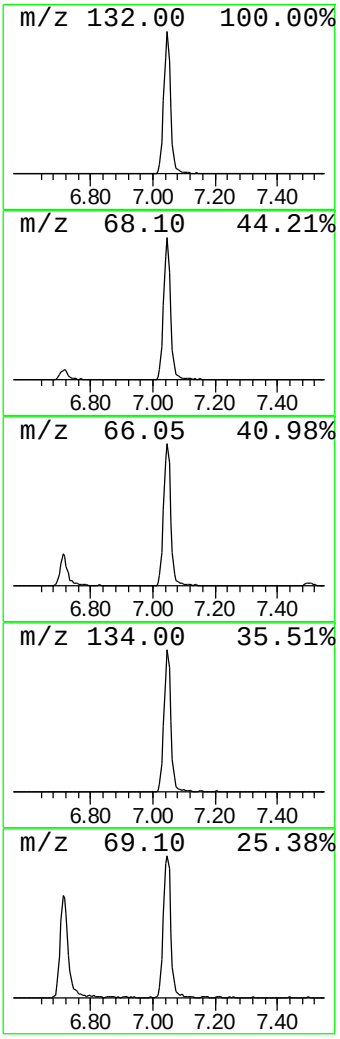
****

Peak Number 1 unknown7.05 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.05	70.91 ng	2538930	1,4-Dichlorobenzene-d4	7.50

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3-Cyclopentanedione, 2-chloro-	132	C5H5ClO2	014203-19-1	35
2	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	27
3	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	27
4	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
5	1,3,4-Thiadiazole-2(3H)-thione, ...	132	C3H4N2S2	029490-19-5	27





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Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B26

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\8270-BM020718.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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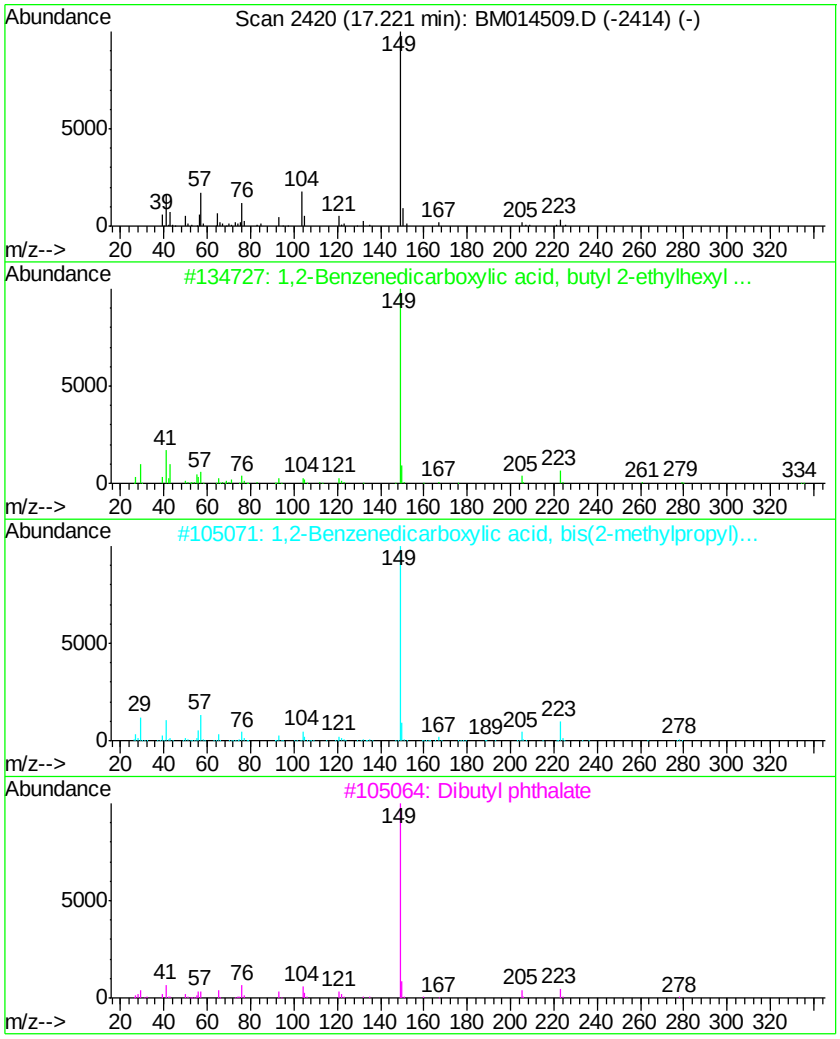
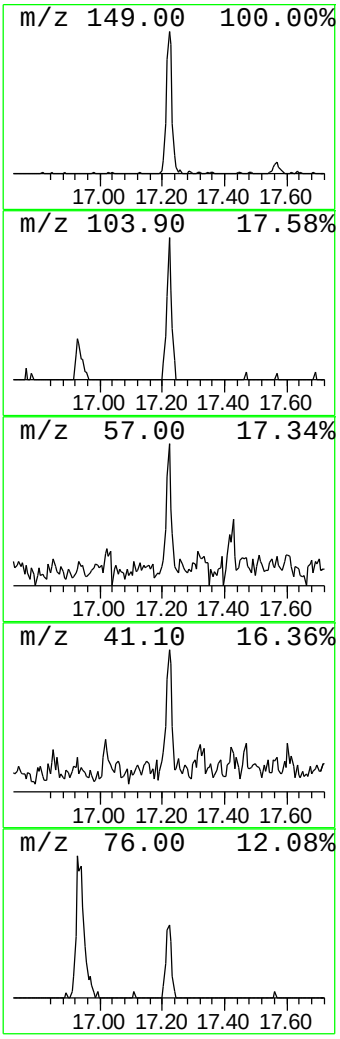
Peak Number 3 1,2-Benzenedicarboxylic aci... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.22	2.63 ng	130940	Phenanthrene-d10	16.93

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,2-Benzenedicarboxylic acid, bu...	334	C20H30O4	000085-69-8	72
2	1,2-Benzenedicarboxylic acid, bi...	278	C16H22O4	000084-69-5	72
3	Dibutyl phthalate	278	C16H22O4	000084-74-2	72
4	1,2-Benzenedicarboxylic acid, bu...	334	C20H30O4	000084-78-6	64
5	1,2-Benzenedicarboxylic acid, bu...	278	C16H22O4	017851-53-5	64





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Data File : BM014509.D
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Operator : SJ/JU
Sample : J1699-57
Misc :
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Instrument : BNA_M
ClientSampleId : B26

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\8270-BM020718.M
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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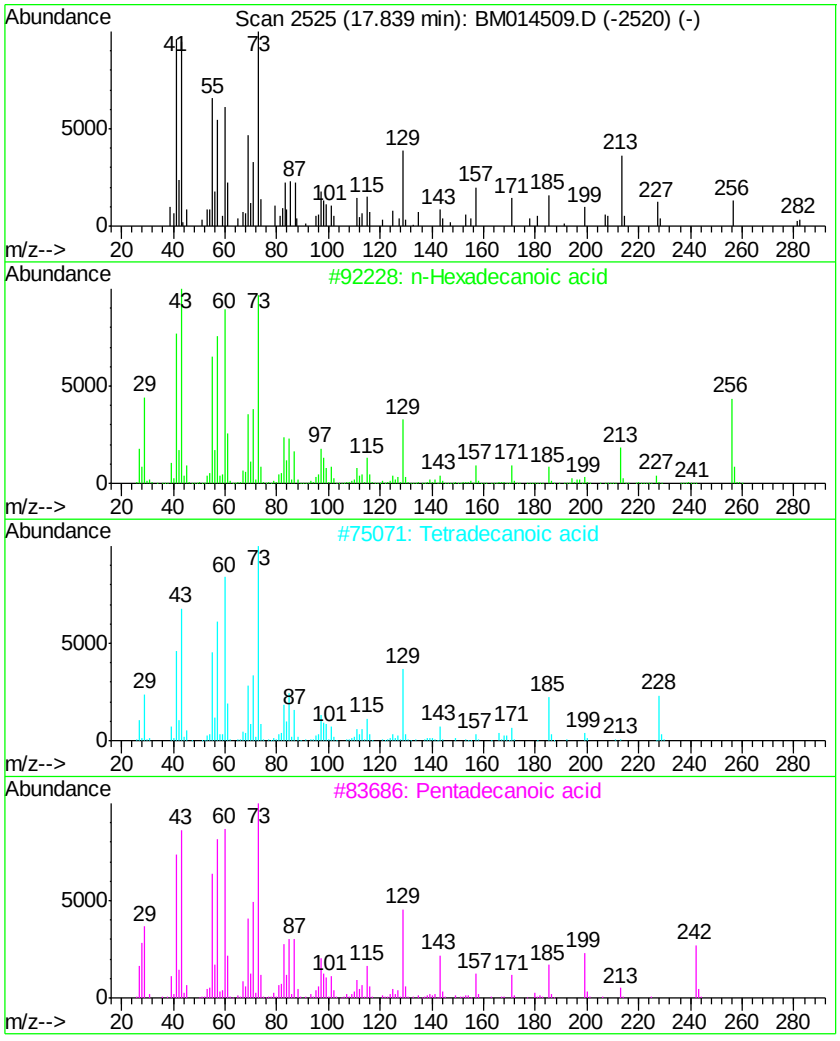
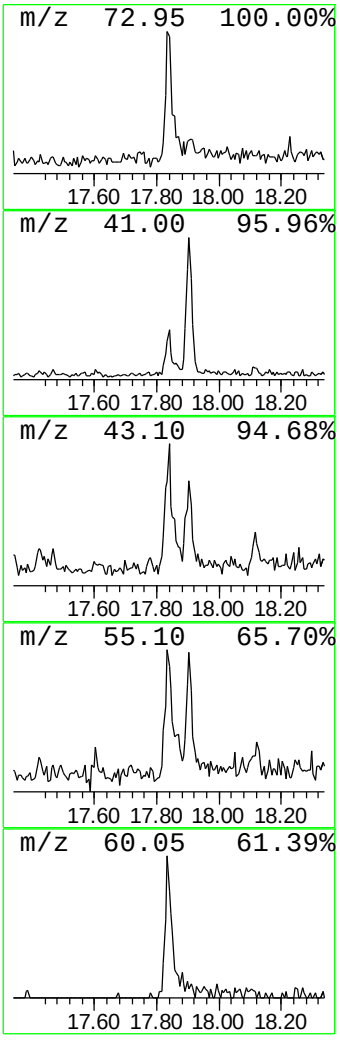
Peak Number 4 n-Hexadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.84	3.35 ng	166751	Phenanthrene-d10	16.93

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	93
2	Tetradecanoic acid	228	C14H28O2	000544-63-8	64
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	58
4	Tridecanoic acid	214	C13H26O2	000638-53-9	55
5	Undecanoic acid	186	C11H22O2	000112-37-8	53





Library Search Compound Report

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Instrument : BNA_M
ClientSampleId : B26

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\8270-BM020718.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
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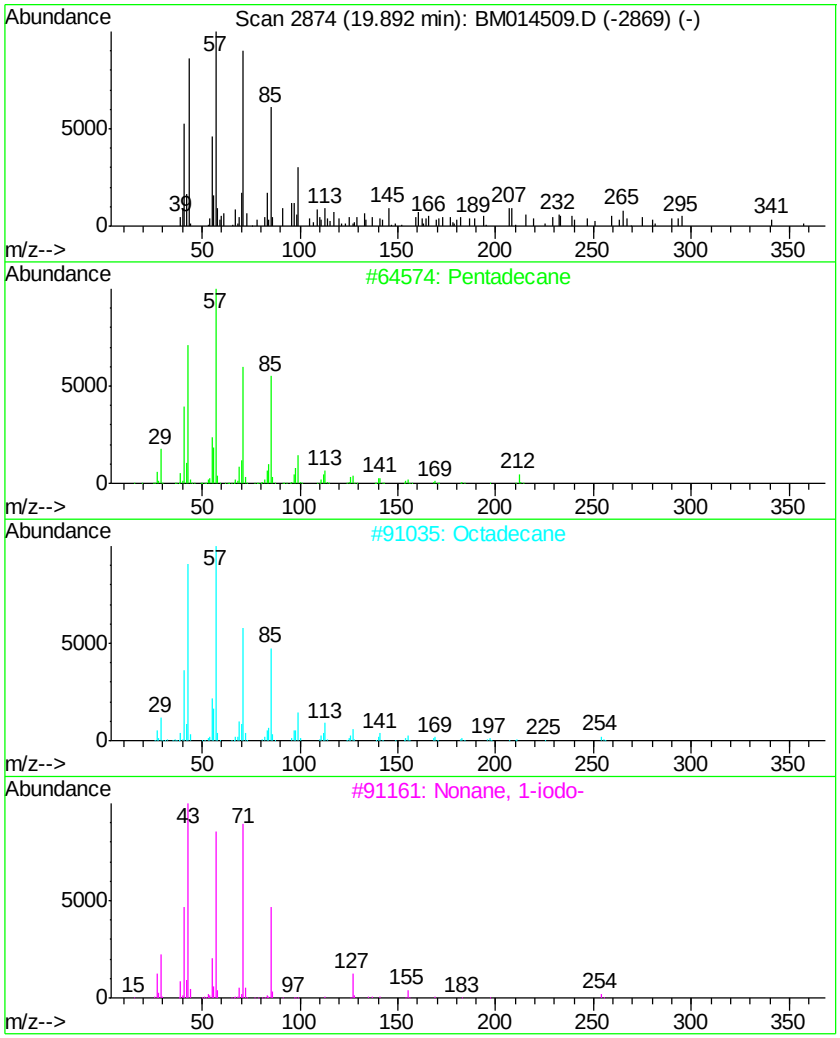
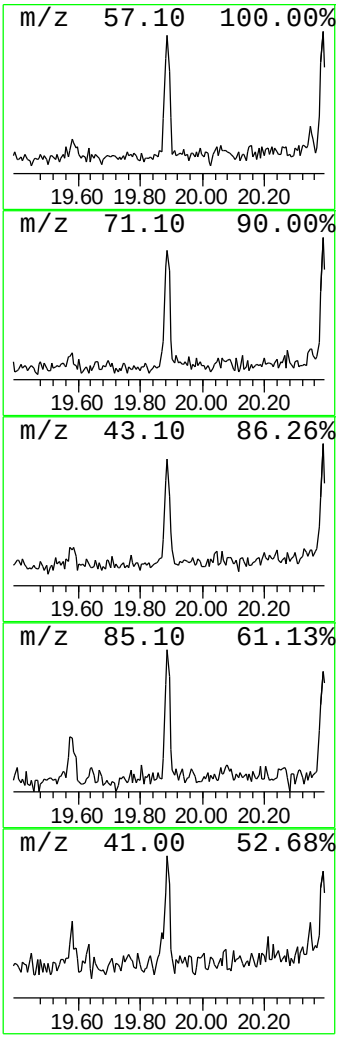
Peak Number 5 Pentadecane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.89	2.62 ng	131954	Chrysene-d12	21.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane	212	C15H32	000629-62-9	86
2	Octadecane	254	C18H38	000593-45-3	64
3	Nonane, 1-iodo-	254	C9H19I	004282-42-2	60
4	Nonadecane	268	C19H40	000629-92-5	58
5	Octacosane	394	C28H58	000630-02-4	58





Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA M\DATA\BM030718\
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Operator : SJ/JU
Sample : J1699-57
Misc :
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Instrument : BNA_M
ClientSampleId : B26

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TIC Library : C:\DATABASE\NIST02.L
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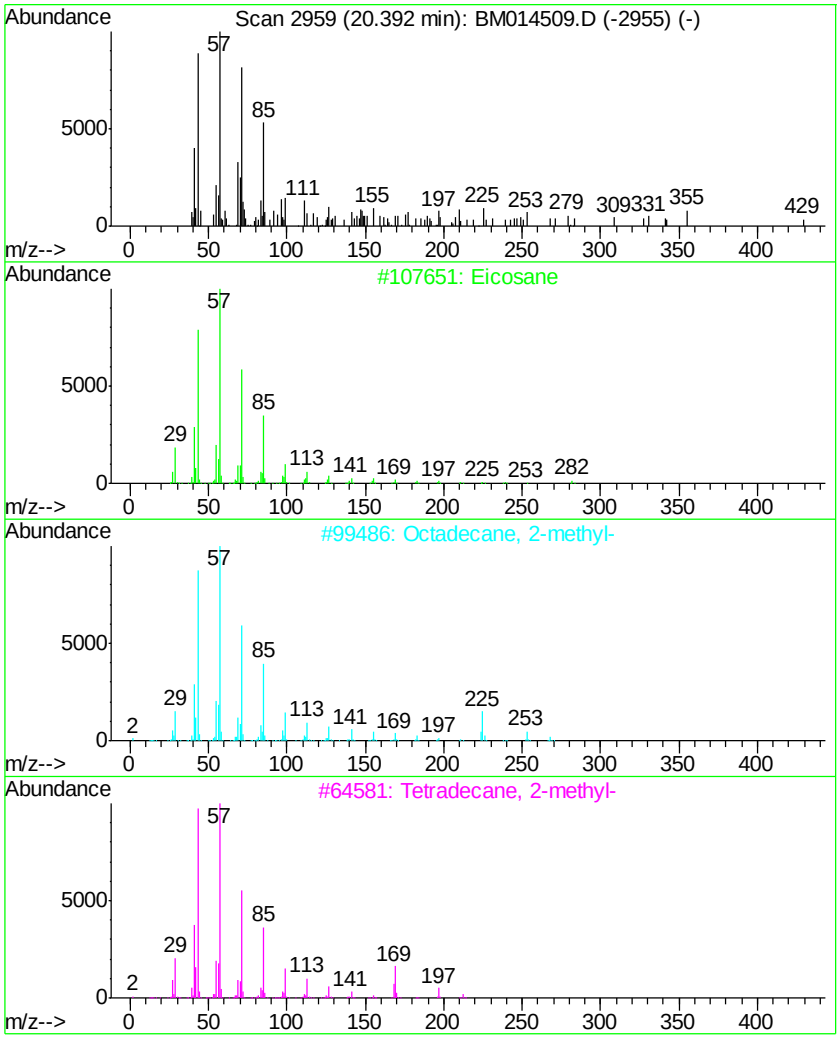
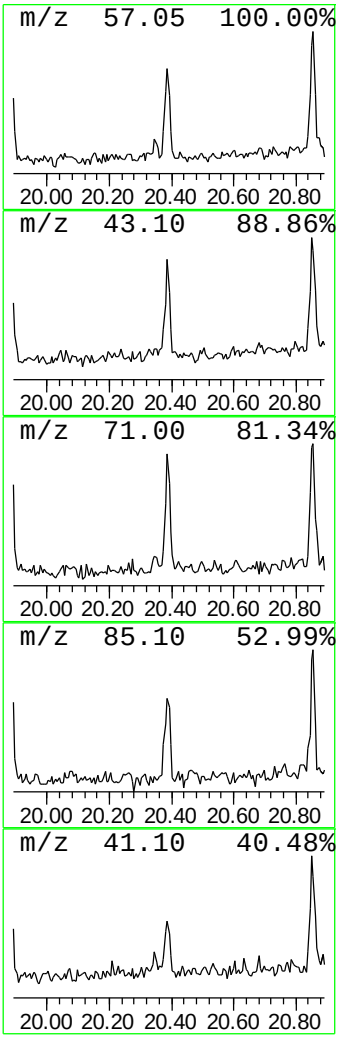
Peak Number 6 Eicosane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.39	2.03 ng	102384	Chrysene-d12	21.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	76
2	Octadecane, 2-methyl-	268	C19H40	001560-88-9	74
3	Tetradecane, 2-methyl-	212	C15H32	001560-95-8	72
4	Eicosane, 7-hexyl-	366	C26H54	055333-99-8	72
5	Pentadecane	212	C15H32	000629-62-9	68





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Instrument : BNA_M
ClientSampleId : B26

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

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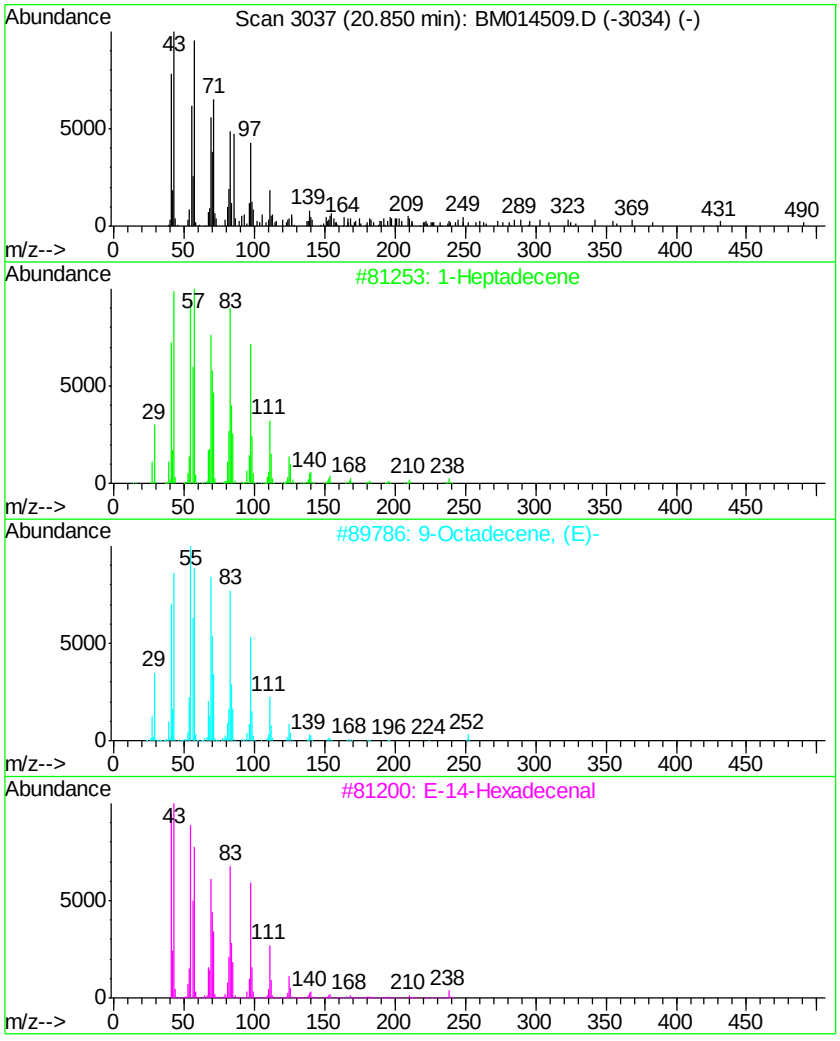
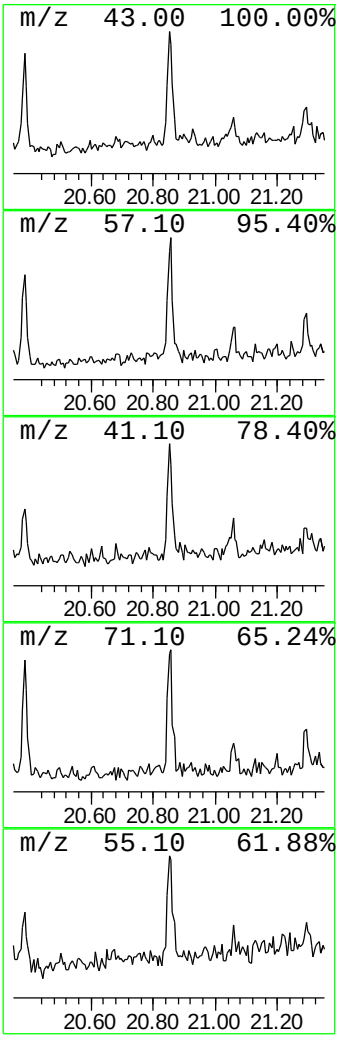
Peak Number 7 1-Heptadecene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.85	3.60 ng	181194	Chrysene-d12	21.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Heptadecene	238	C17H34	006765-39-5	58
2	9-Octadecene, (E)-	252	C18H36	007206-25-9	58
3	E-14-Hexadecenal	238	C16H30O	330207-53-9	58
4	Hexadecane	226	C16H34	000544-76-3	55
5	1-Docosanethiol	342	C22H46S	007773-83-3	50





Tentatively Identified Compound (LSC) summary

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
unknown7.05	7.05	70.9	ng	2538930	1	7.50	716132	20.0
1,2-Benzenedicarb...	17.22	2.6	ng	130940	4	16.93	996658	20.0
n-Hexadecanoic acid	17.84	3.4	ng	166751	4	16.93	996658	20.0
Pentadecane	19.89	2.6	ng	131954	5	21.15	1006350	20.0
Eicosane	20.39	2.0	ng	102384	5	21.15	1006350	20.0
1-Heptadecene	20.85	3.6	ng	181194	5	21.15	1006350	20.0