LSC Area Percent Report

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA M\DATA\BM030718\
Data File : BM014504.D
Acq On : 06 Mar 2018 18:47
Operator : SJ/JU
Sample : J1699-17
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B3

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	4.693	287	290	294	rBV2	24061	33588	1.18%	0.128%
2	5.134	360	365	380	rBV	1374523	2140072	75.29%	8.154%
3	6.710	628	633	652	rBV	1143909	2109008	74.19%	8.036%
4	7.045	683	690	703	rBV	1523223	2393687	84.21%	9.120%
5	7.504	760	768	777	rBV	481609	765145	26.92%	2.915%
6	7.816	814	821	830	rBV	1146583	1876045	66.00%	7.148%
7	8.669	959	966	982	rBV	744377	1486496	52.29%	5.664%
8	10.275	1232	1239	1252	rBV	435917	912236	32.09%	3.476%
9	12.492	1610	1616	1622	rBV3	49974	78686	2.77%	0.300%
10	12.769	1656	1663	1680	rBV	1624624	2842546	100.00%	10.831%
11	13.157	1721	1729	1735	rBV7	25065	71108	2.50%	0.271%
12	13.692	1816	1820	1828	rVB5	41981	63078	2.22%	0.240%
13	14.169	1892	1901	1911	rBV2	625404	1055468	37.13%	4.022%
14	14.968	2030	2037	2041	rBV2	25178	36465	1.28%	0.139%
15	15.016	2041	2045	2054	rVB4	29683	53611	1.89%	0.204%
16	15.686	2152	2159	2176	rBV	1073144	2044982	71.94%	7.792%
17	16.857	2354	2358	2364	rBV6	21542	36697	1.29%	0.140%
18	16.933	2364	2371	2383	rBV	622242	1060491	37.31%	4.041%
19	17.221	2414	2420	2426	rBV	125218	165010	5.81%	0.629%
20	17.604	2481	2485	2490	rBV8	16408	28969	1.02%	0.110%
21	17.839	2519	2525	2531	rBV2	196548	323858	11.39%	1.234%
22	17.904	2531	2536	2546	rVB	660931	843786	29.68%	3.215%
23	18.698	2668	2671	2675	rVB5	23271	28545	1.00%	0.109%
24	18.762	2678	2682	2686	rBV6	32430	46167	1.62%	0.176%
25	19.133	2740	2745	2757	rBV5	138428	282707	9.95%	1.077%
26	19.351	2778	2782	2785	rVB3	45767	56711	2.00%	0.216%
27	19.580	2815	2821	2829	rBV	2220397	2724320	95.84%	10.380%
28	19.886	2866	2873	2877	rBV3	105477	149942	5.27%	0.571%
29	20.386	2955	2958	2963	rVB3	78863	86159	3.03%	0.328%
30	20.856	3034	3038	3043	rVB4	170744	200600	7.06%	0.764%
31	21.062	3069	3073	3075	rBV2	48664	58286	2.05%	0.222%
32	21.150	3083	3088	3096	rBV2	755220	1114382	39.20%	4.246%
33	23.333	3453	3459	3469	rVB	484330	1076577	37.87%	4.102%

LSC Area Percent Report

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Data File : BM014504.D
Acq On : 06 Mar 2018 18:47
Operator : SJ/JU
Sample : J1699-17
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B3

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

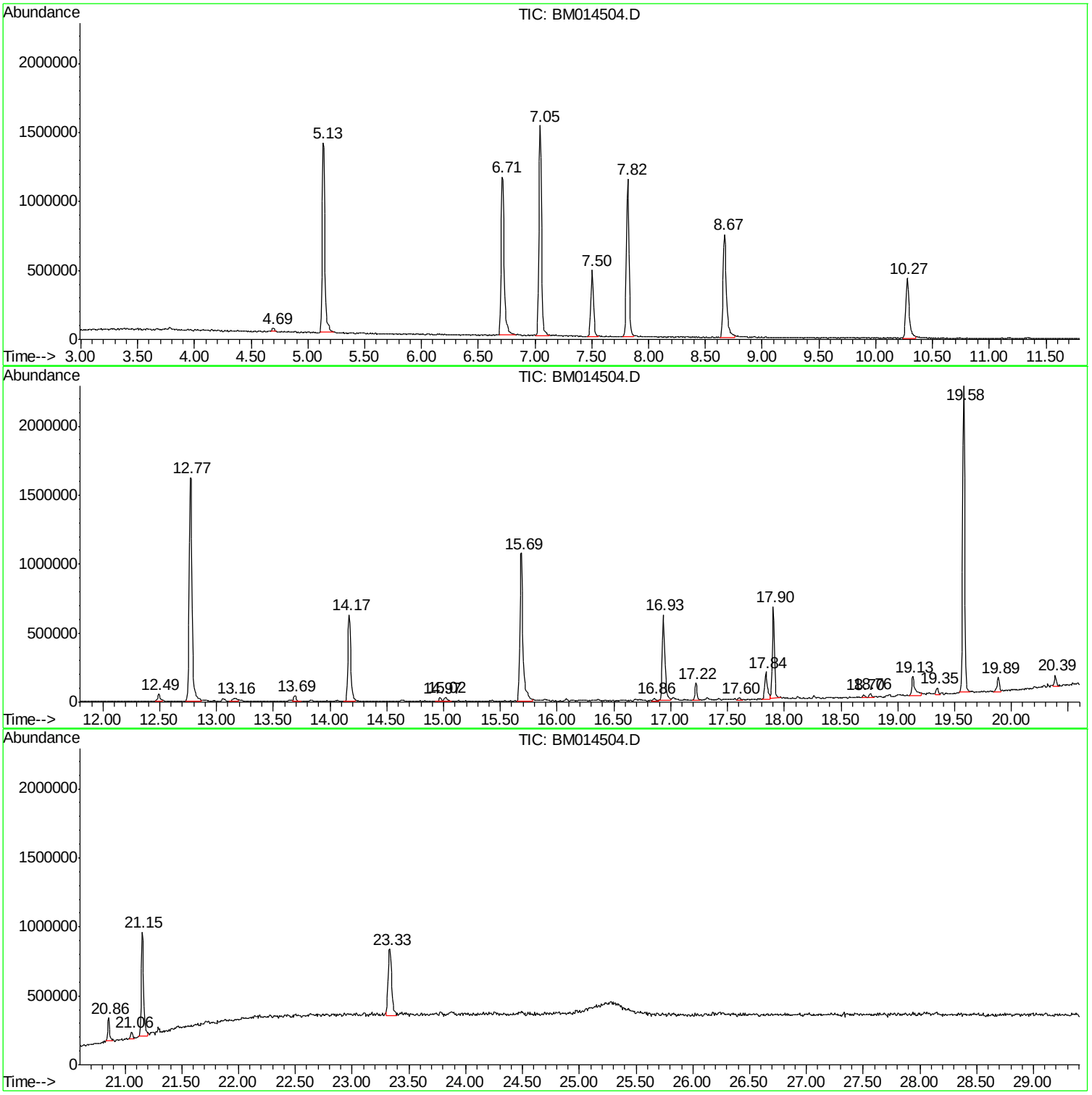
Sum of corrected areas: 26245428

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA M\DATA\BM030718\
Data File : BM014504.D
Acq On : 06 Mar 2018 18:47
Operator : SJ/JU
Sample : J1699-17
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
B3

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 : BM014504.D
Acq On : 06 Mar 2018 18:47
Operator : SJ/JU
Sample : J1699-17
Misc :
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Instrument : BNA_M
ClientSampleId : B3

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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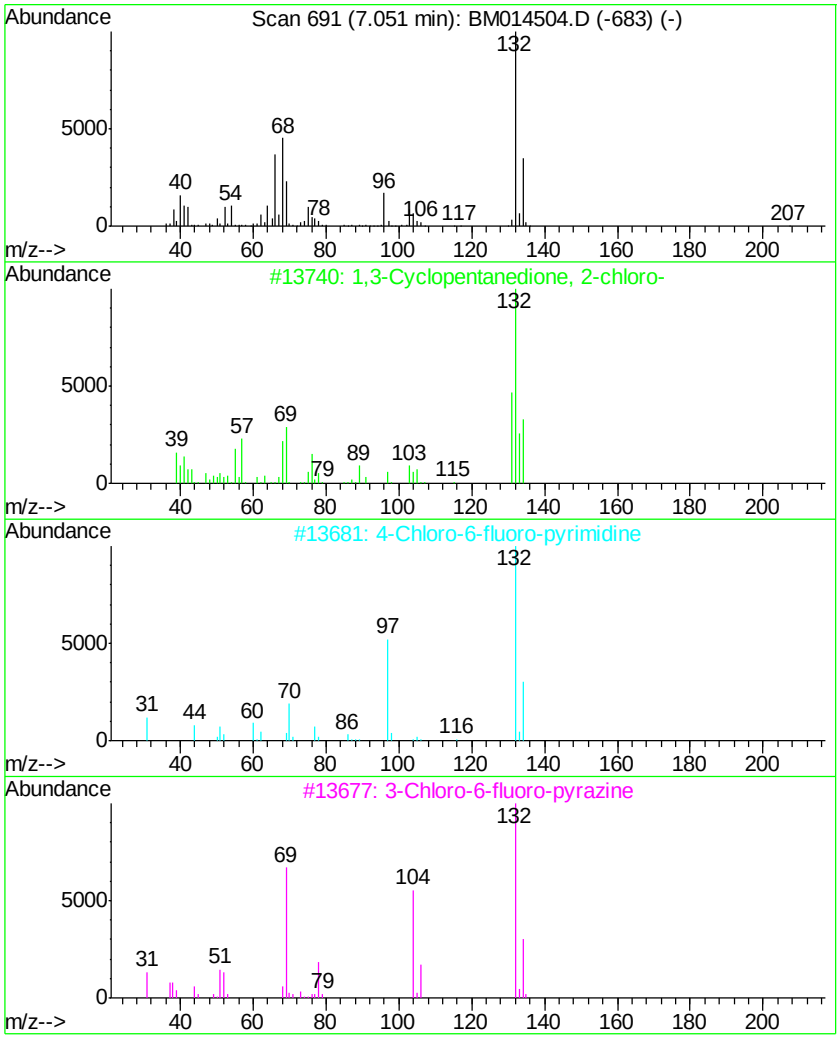
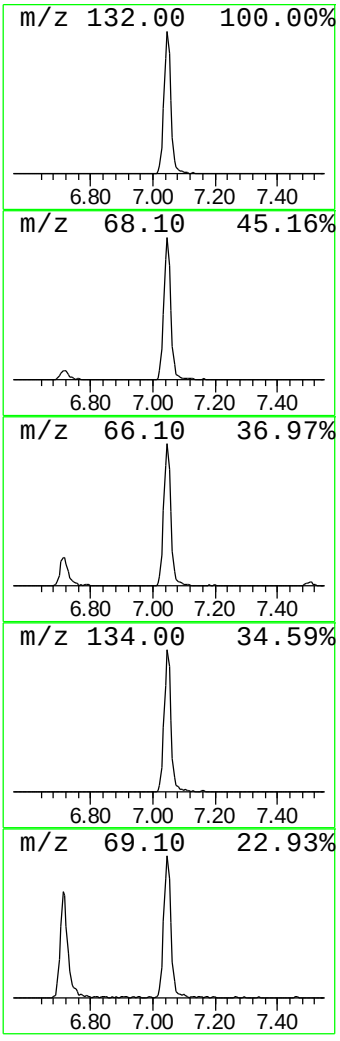
****

Peak Number 1 unknown7.05 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.05	62.57 ng	2393690	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	22
2	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	14
3	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	14
4	2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	14
5	3H-1,2-Dithiol-3-one, 5-methyl-	132	C4H4OS2	003620-08-4	14





Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA M\DATA\BM030718\
Data File : BM014504.D
Acq On : 06 Mar 2018 18:47
Operator : SJ/JU
Sample : J1699-17
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B3

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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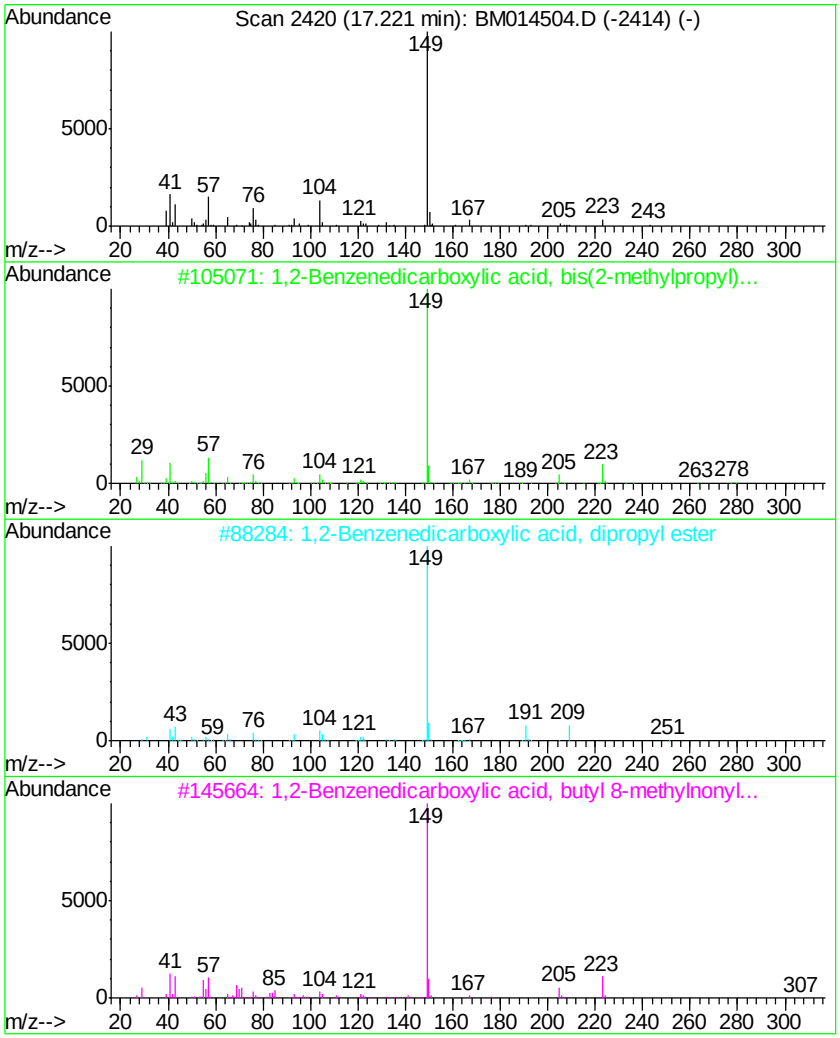
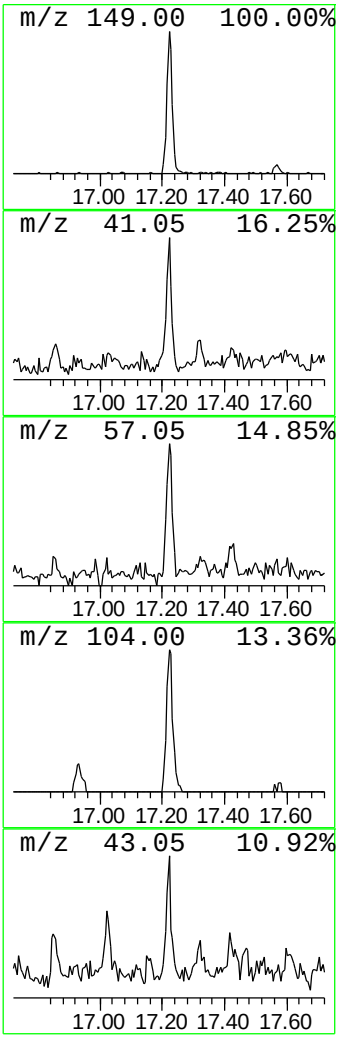
Peak Number 3 1,2-Benzenedicarboxylic aci... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.22	3.11 ng	165010	Phenanthrene-d10	16.93

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,2-Benzenedicarboxylic acid, bi...	278	C16H22O4	000084-69-5	56
2	1,2-Benzenedicarboxylic acid, di...	250	C14H18O4	000131-16-8	50
3	1,2-Benzenedicarboxylic acid, bu...	362	C22H34O4	000089-18-9	45
4	1,2-Benzenedicarboxylic acid, bu...	278	C16H22O4	017851-53-5	45
5	1,2-Benzenedicarboxylic acid, bu...	334	C20H30O4	000084-78-6	45





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Data File : BM014504.D
Acq On : 06 Mar 2018 18:47
Operator : SJ/JU
Sample : J1699-17
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B3

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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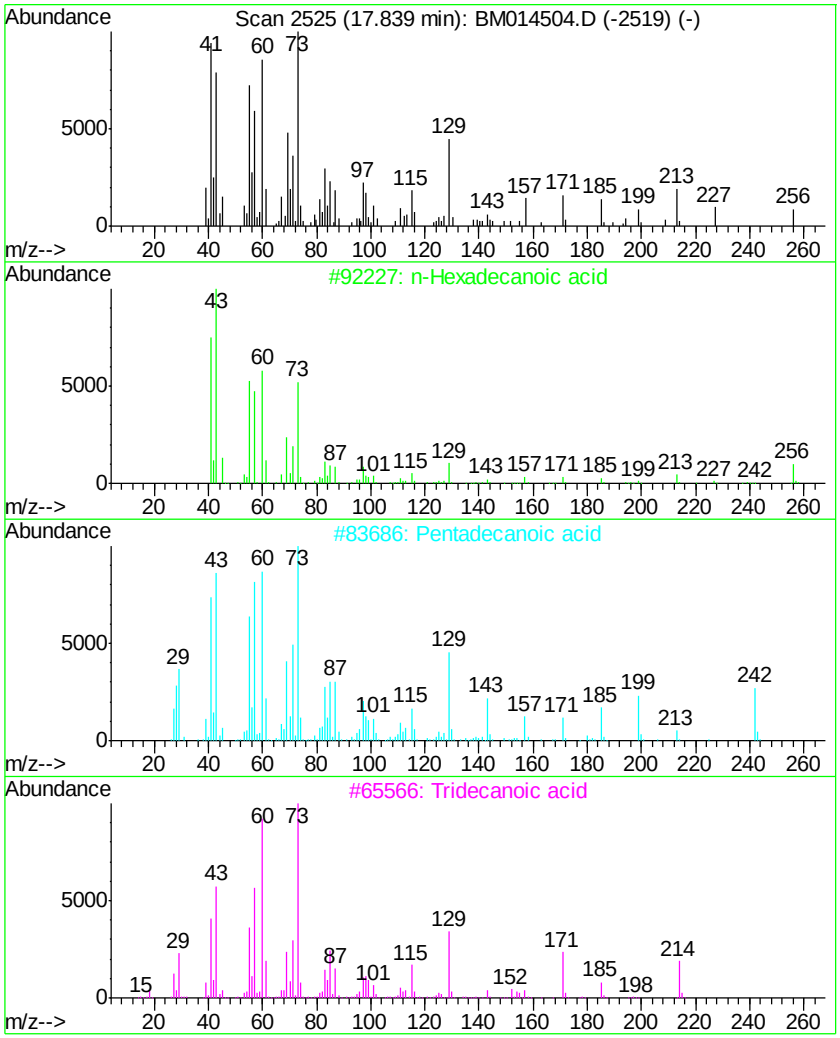
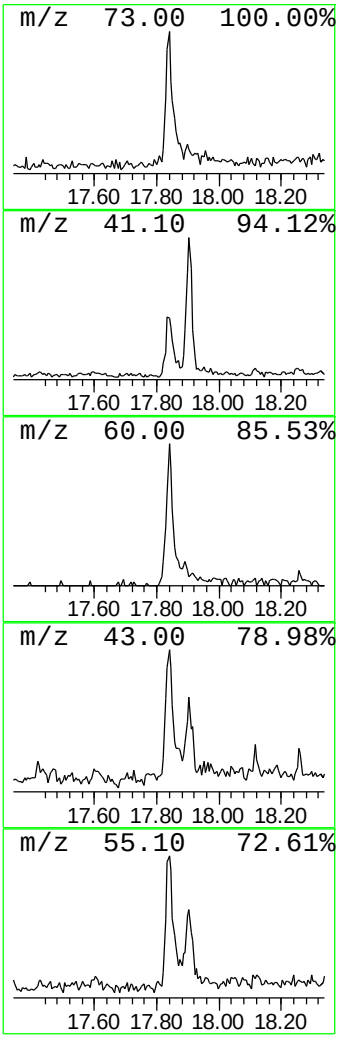
Peak Number 4 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.84	6.11 ng	323858	Phenanthrene-d10	16.93

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	95
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	80
3	Tridecanoic acid	214	C13H26O2	000638-53-9	68
4	n-Decanoic acid	172	C10H20O2	000334-48-5	60
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	59





Library Search Compound Report

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA M\DATA\BM030718\
Data File : BM014504.D
Acq On : 06 Mar 2018 18:47
Operator : SJ/JU
Sample : J1699-17
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B3

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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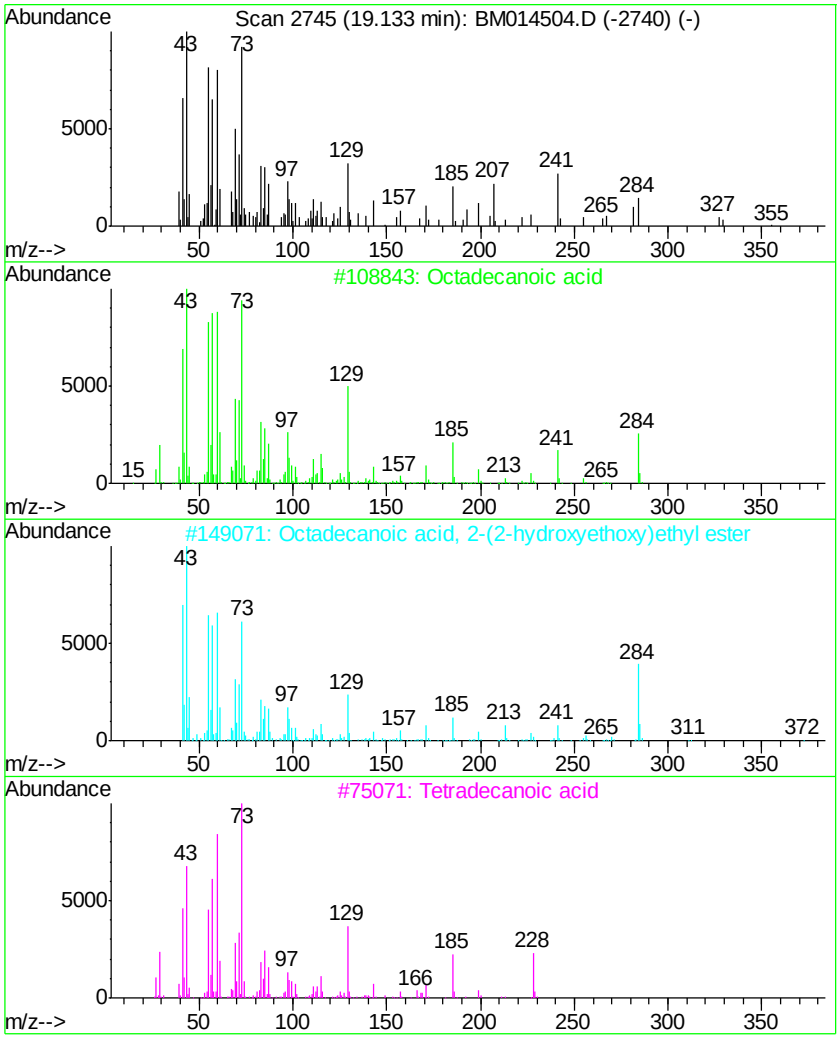
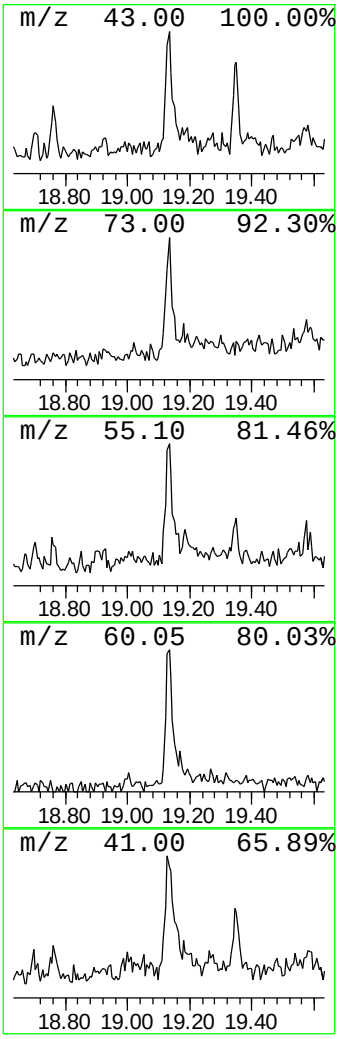
Peak Number 5 Octadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.13	5.07 ng	282707	Chrysene-d12	21.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	98
2	Octadecanoic acid, 2-(2-hydroxye...	372	C22H44O4	000106-11-6	72
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	52
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	49
5	Tridecanoic acid	214	C13H26O2	000638-53-9	49





Library Search Compound Report

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Misc :
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Instrument : BNA_M
ClientSampleId : B3

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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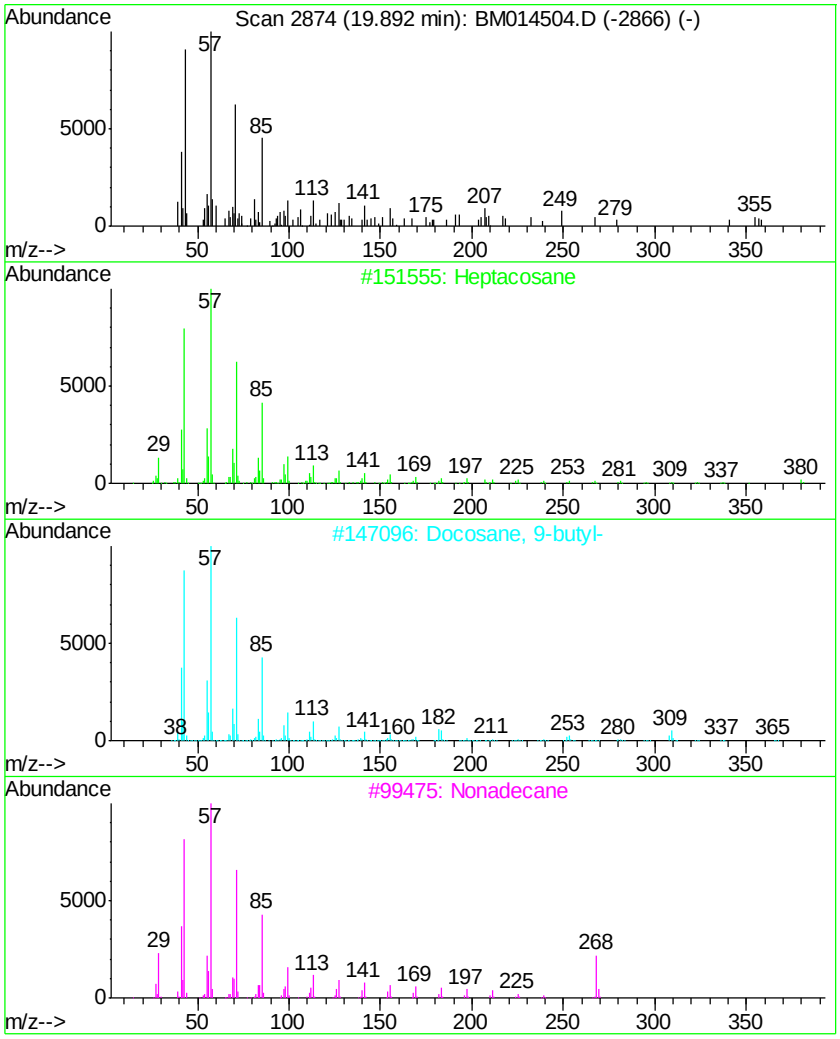
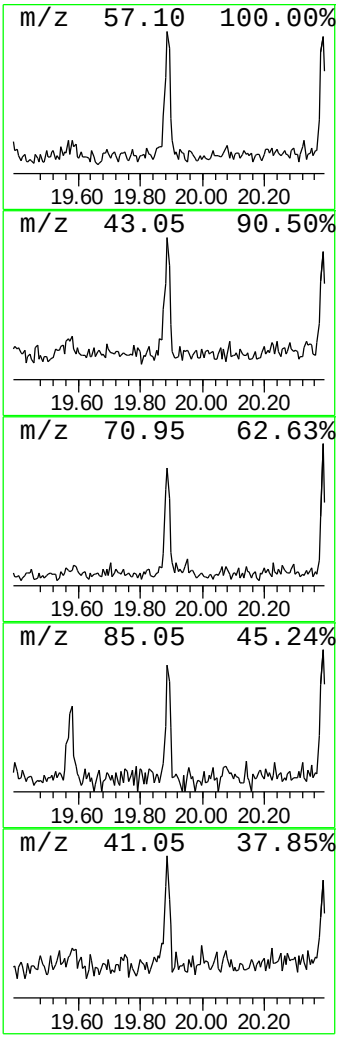
Peak Number 6 Heptacosane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.89	2.69 ng	149942	Chrysene-d12	21.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptacosane	380	C27H56	000593-49-7	68
2	Docosane, 9-butyl-	366	C26H54	055282-14-9	68
3	Nonadecane	268	C19H40	000629-92-5	68
4	Docosane, 11-butyl-	366	C26H54	013475-76-8	64
5	2-Bromo dodecane	248	C12H25Br	013187-99-0	64





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Misc :
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Instrument : BNA_M
ClientSampleId : B3

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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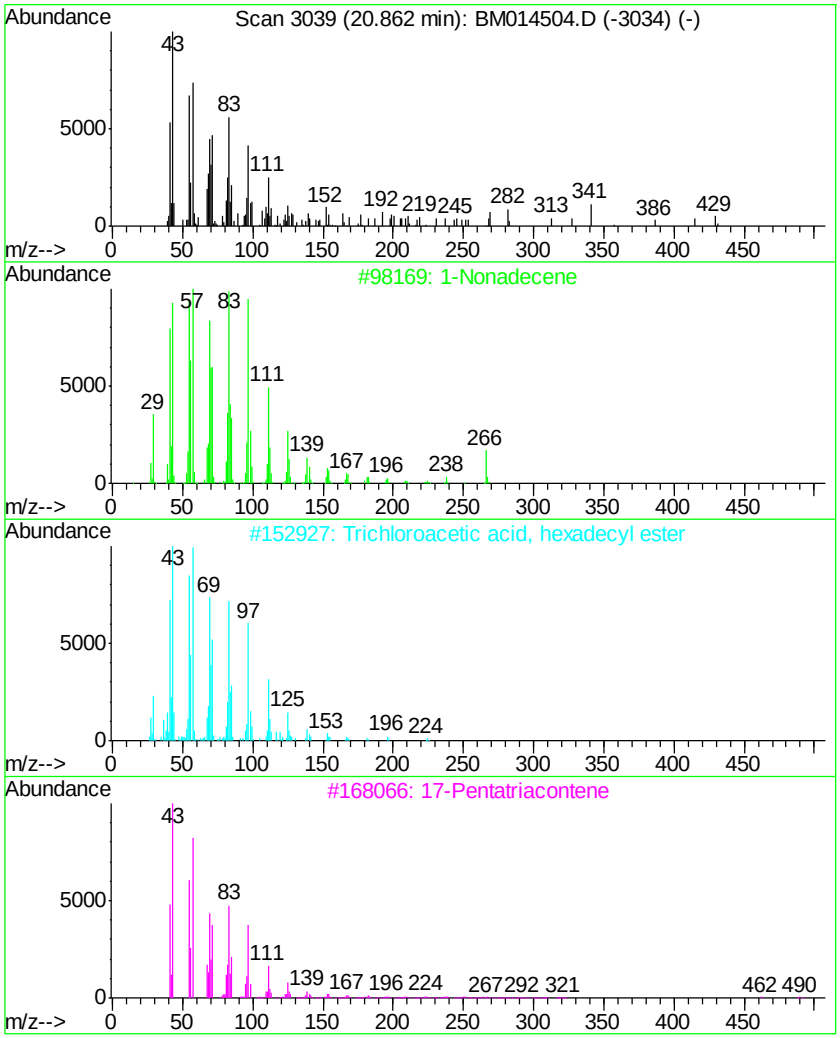
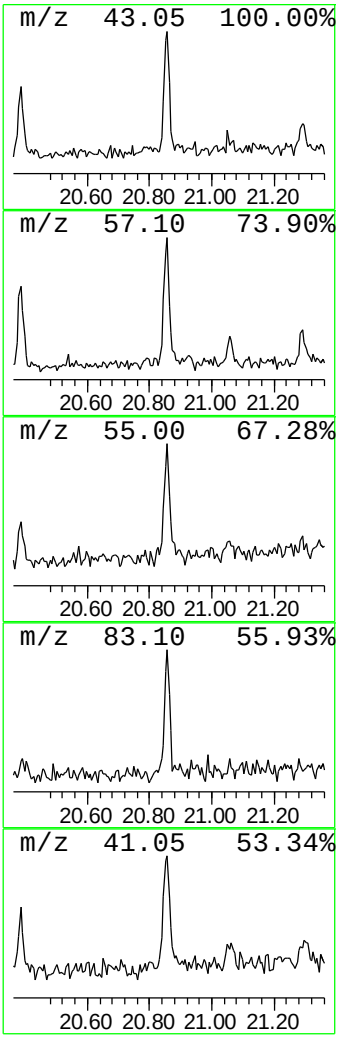
Peak Number 7 1-Nonadecene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.86	3.60 ng	200600	Chrysene-d12	21.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Nonadecene	266	C19H38	018435-45-5	89
2	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	87
3	17-Pentatriacontene	491	C35H70	006971-40-0	83
4	1-Pentadecene	210	C15H30	013360-61-7	70
5	Pentafluoropropionic acid, hepta...	402	C20H35F5O2	1000283-04-2	68





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	62.6	ng	2393690	1	7.50	765145	20.0
1,2-Benzenedicarb...	17.22	3.1	ng	165010	4	16.93	1060490	20.0
n-Hexadecanoic acid	17.84	6.1	ng	323858	4	16.93	1060490	20.0
Octadecanoic acid	19.13	5.1	ng	282707	5	21.15	1114380	20.0
Heptacosane	19.89	2.7	ng	149942	5	21.15	1114380	20.0
1-Nonadecene	20.86	3.6	ng	200600	5	21.15	1114380	20.0