LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG041516\
Data File : BG021718.D
Acq On : 16 Apr 2016 15:19
Operator : UM/SJ
Sample : H2560-02
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : POSTEX-26-20160414

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_G\METHODS\8270-BG041316.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	3.101	39	45	66	rVB	1770435	2764971	100.00%	19.288%
2	5.293	413	418	425	rVB	26195	41928	1.52%	0.292%
3	5.769	491	499	507	rBV	463974	765220	27.68%	5.338%
4	7.373	763	772	780	rBV	500366	888183	32.12%	6.196%
5	7.749	824	836	845	rBV	485689	846632	30.62%	5.906%
6	8.213	906	915	922	rBV	103768	178340	6.45%	1.244%
7	8.542	963	971	979	rBV	348793	613781	22.20%	4.282%
8	9.382	1105	1114	1122	rBV	305291	551210	19.94%	3.845%
9	11.033	1388	1395	1402	rBV	151225	271996	9.84%	1.897%
10	13.448	1797	1806	1814	rBV	769725	1222153	44.20%	8.526%
11	14.265	1937	1945	1952	rBV	87198	139933	5.06%	0.976%
12	14.694	2013	2018	2022	rBV	22849	28002	1.01%	0.195%
13	14.823	2034	2040	2048	rVB2	245345	393297	14.22%	2.744%
14	15.640	2175	2179	2184	rVB	45178	55626	2.01%	0.388%
15	16.304	2285	2292	2299	rVB	620534	953174	34.47%	6.649%
16	16.497	2321	2325	2328	rBV	47040	70015	2.53%	0.488%
17	17.285	2455	2459	2464	rBV2	32664	45312	1.64%	0.316%
18	17.561	2498	2506	2510	rBV2	302688	504220	18.24%	3.517%
19	17.602	2510	2513	2520	rVB	68909	100281	3.63%	0.700%
20	18.025	2581	2585	2590	rVB2	19252	28256	1.02%	0.197%
21	18.472	2657	2661	2668	rVV2	23734	45083	1.63%	0.314%
22	18.613	2680	2685	2690	rBV4	34009	62107	2.25%	0.433%
23	19.329	2802	2807	2811	rBV2	47582	72996	2.64%	0.509%
24	19.594	2846	2852	2857	rBV	155322	222974	8.06%	1.555%
25	19.723	2871	2874	2880	rVB5	21974	30388	1.10%	0.212%
26	19.917	2902	2907	2908	rBV3	19987	34059	1.23%	0.238%
27	19.952	2909	2913	2920	rVB	170256	256306	9.27%	1.788%
28	20.140	2940	2945	2956	rVB	1315729	1745748	63.14%	12.178%
29	20.428	2991	2994	2999	rVB3	37534	51911	1.88%	0.362%
30	21.445	3163	3167	3172	rVB3	41594	56733	2.05%	0.396%
31	21.697	3205	3210	3214	rVB	55260	82762	2.99%	0.577%
32	21.832	3225	3233	3238	rBV3	329573	683381	24.72%	4.767%
33	25.164	3792	3800	3810	rBV2	189058	528179	19.10%	3.685%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG041516\
Data File : BG021718.D
Acq On : 16 Apr 2016 15:19
Operator : UM/SJ
Sample : H2560-02
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
POSTEX-26-20160414

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_G\METHODS\8270-BG041316.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Sum of corrected areas: 14335157

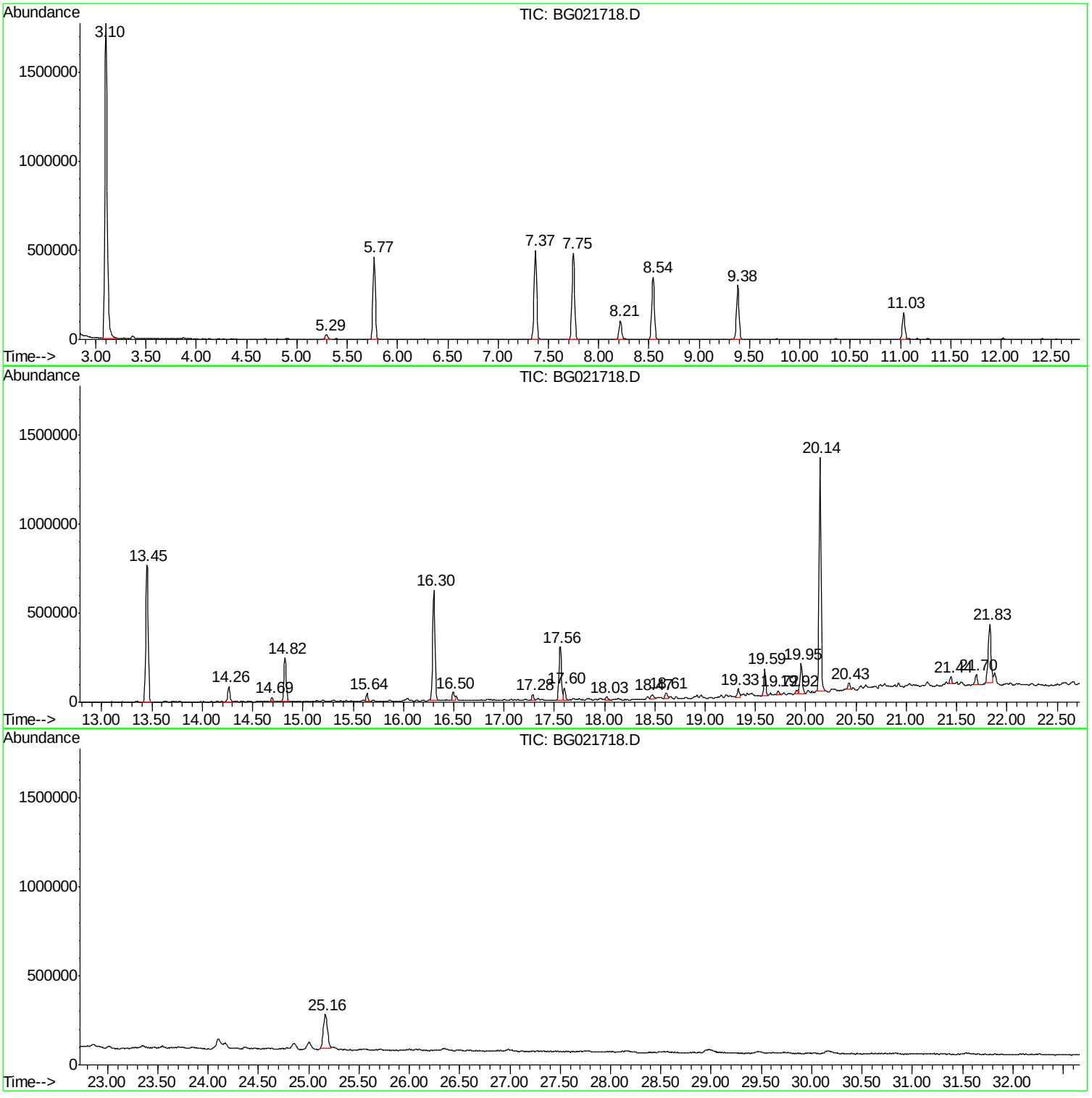
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA G\DATA\BG041516\
Data File : BG021718.D
Acq On : 16 Apr 2016 15:19
Operator : UM/SJ
Sample : H2560-02
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : POSTEX-26-20160414

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG041316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Data Path : Z:\HPCHEM1\BNA G\DATA\BG041516\
Data File : BG021718.D
Acq On : 16 Apr 2016 15:19
Operator : UM/SJ
Sample : H2560-02
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : POSTEX-26-20160414

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG041316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

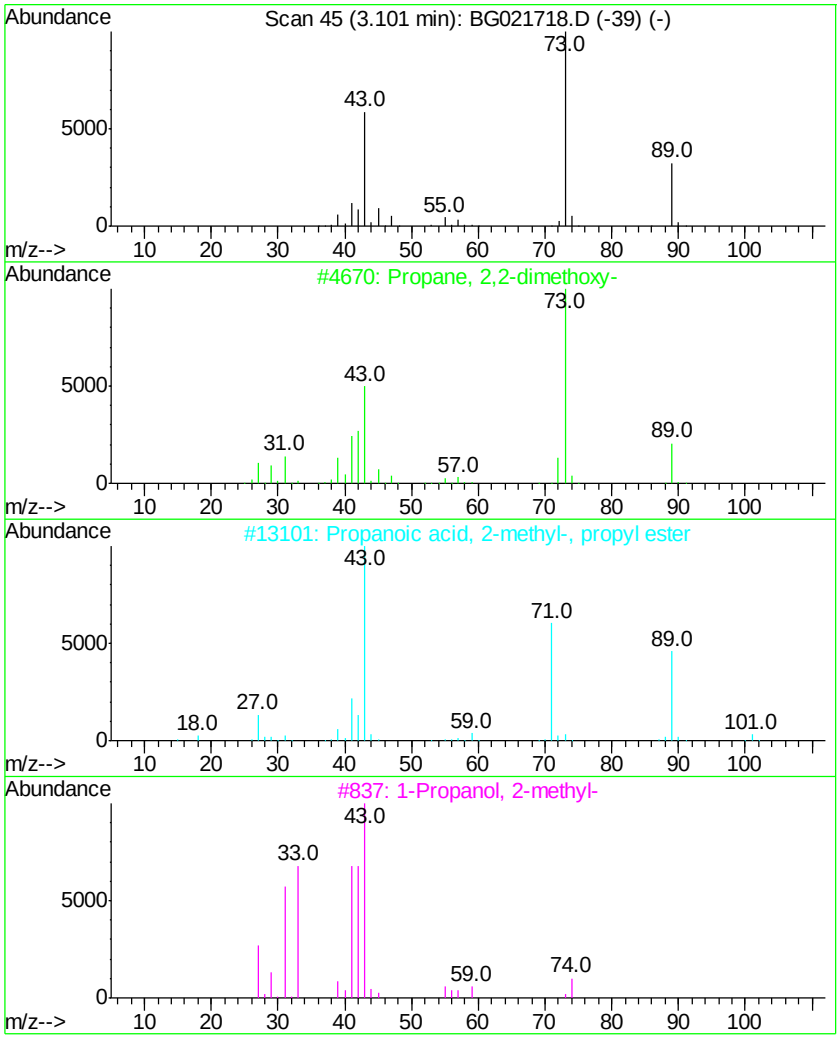
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

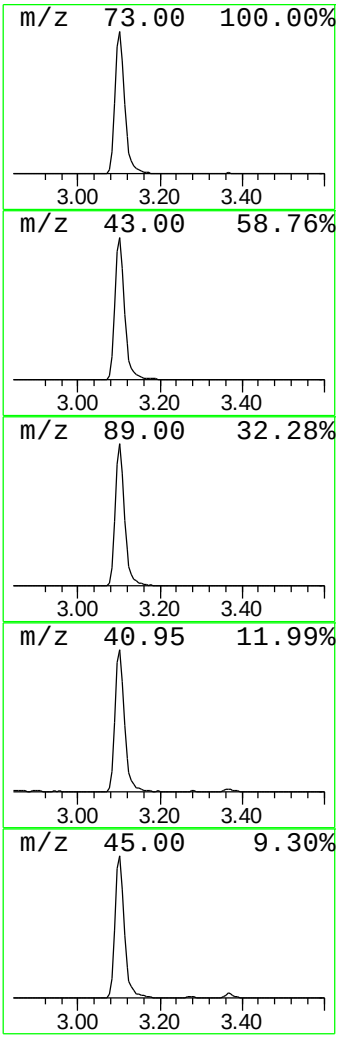
****

Peak Number 1 Propane, 2,2-dimethoxy- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.10	310.08 ng	2764970	1,4-Dichlorobenzene-d4	8.21

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propane, 2,2-dimethoxy-	104	C5H12O2	000077-76-9	64
2	Propanoic acid, 2-methyl-, propy...	130	C7H14O2	000644-49-5	17
3	1-Propanol, 2-methyl-	74	C4H10O	000078-83-1	9
4	N-Ethylformamide	73	C3H7NO	000627-45-2	9
5	2-Butanone, 3-methoxy-3-methyl-	116	C6H12O2	036687-98-6	9





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG041516\
Data File : BG021718.D
Acq On : 16 Apr 2016 15:19
Operator : UM/SJ
Sample : H2560-02
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
POSTEX-26-20160414

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG041316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

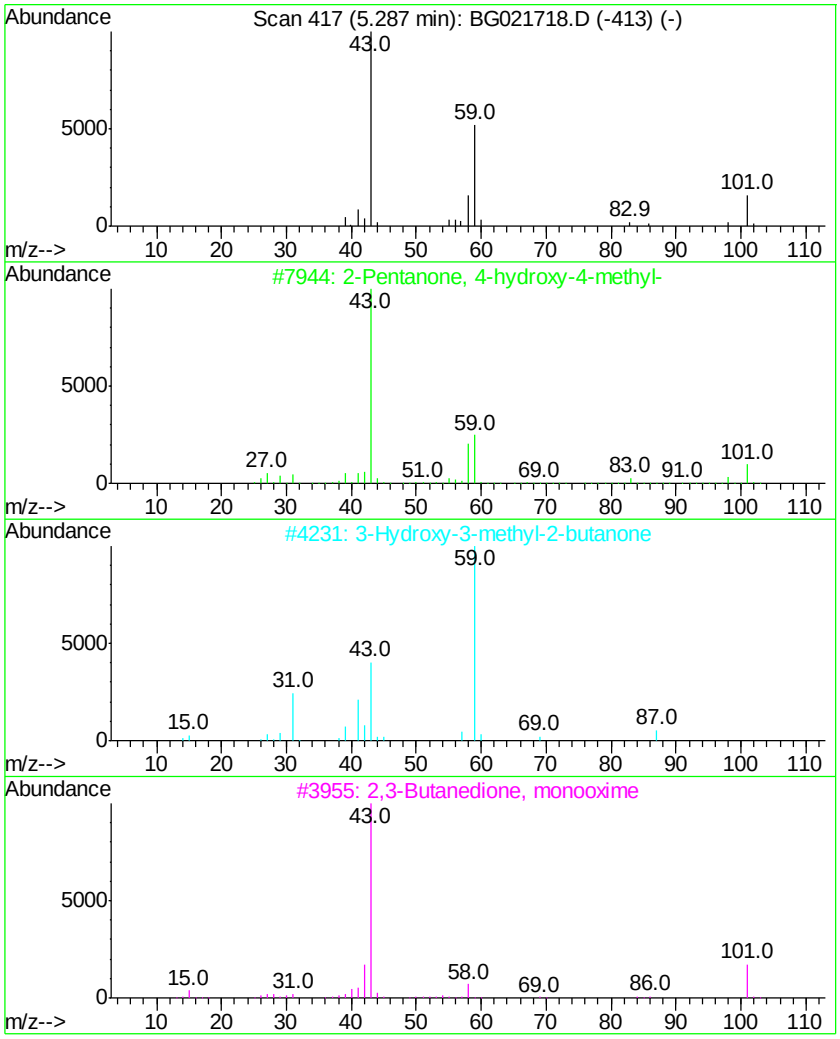
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

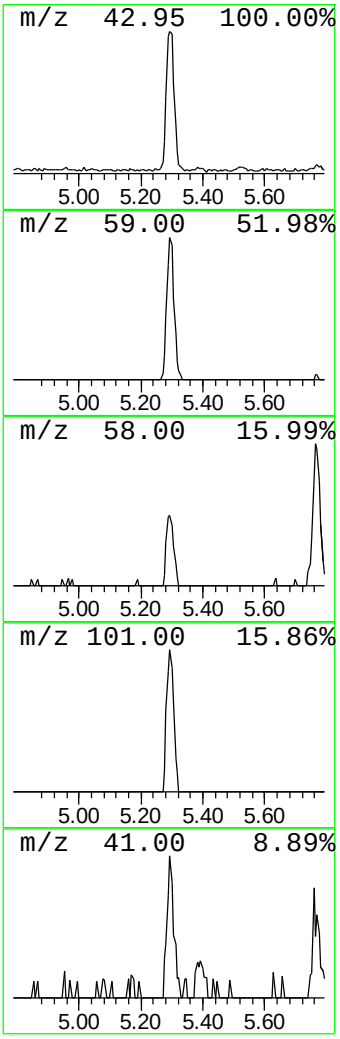
****

Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.29	4.70 ng	41928	1,4-Dichlorobenzene-d4	8.21

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2	3-Hydroxy-3-methyl-2-butanone	102	C5H10O2	000115-22-0	25
3	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9
4	4-Penten-2-one, 4-methyl-	98	C6H10O	003744-02-3	9
5	3-Octanol	130	C8H18O	000589-98-0	9





Data Path : Z:\HPCHEM1\BNA G\DATA\BG041516\
Data File : BG021718.D
Acq On : 16 Apr 2016 15:19
Operator : UM/SJ
Sample : H2560-02
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : POSTEX-26-20160414

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG041316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

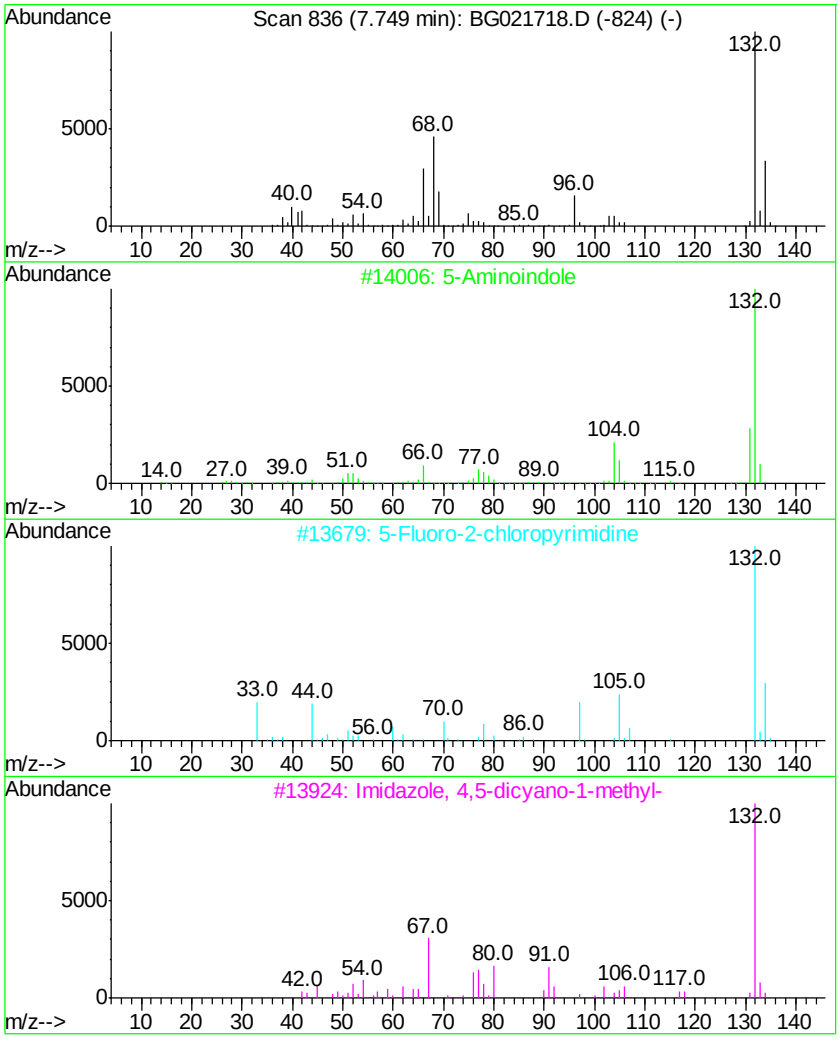
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

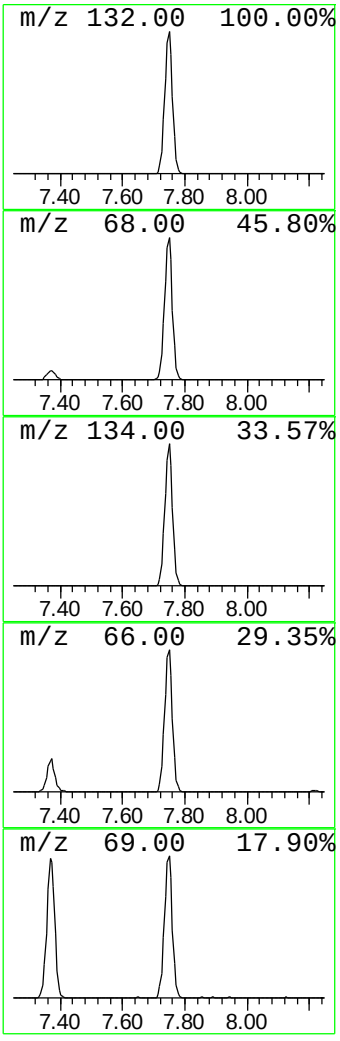
****

Peak Number 3 unknown7.75 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.75	94.95 ng	846632	1,4-Dichlorobenzene-d4	8.21

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Aminoindole	132	C8H8N2	005192-03-0	22
2	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	16
3	Imidazole, 4,5-dicyano-1-methyl-	132	C6H4N4	019485-35-9	9
4	Benzene, 1,3,5-trifluoro-	132	C6H3F3	000372-38-3	9
5	Xenon	132	Xe	007440-63-3	9





Data Path : Z:\HPCHEM1\BNA G\DATA\BG041516\
Data File : BG021718.D
Acq On : 16 Apr 2016 15:19
Operator : UM/SJ
Sample : H2560-02
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : POSTEX-26-20160414

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG041316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

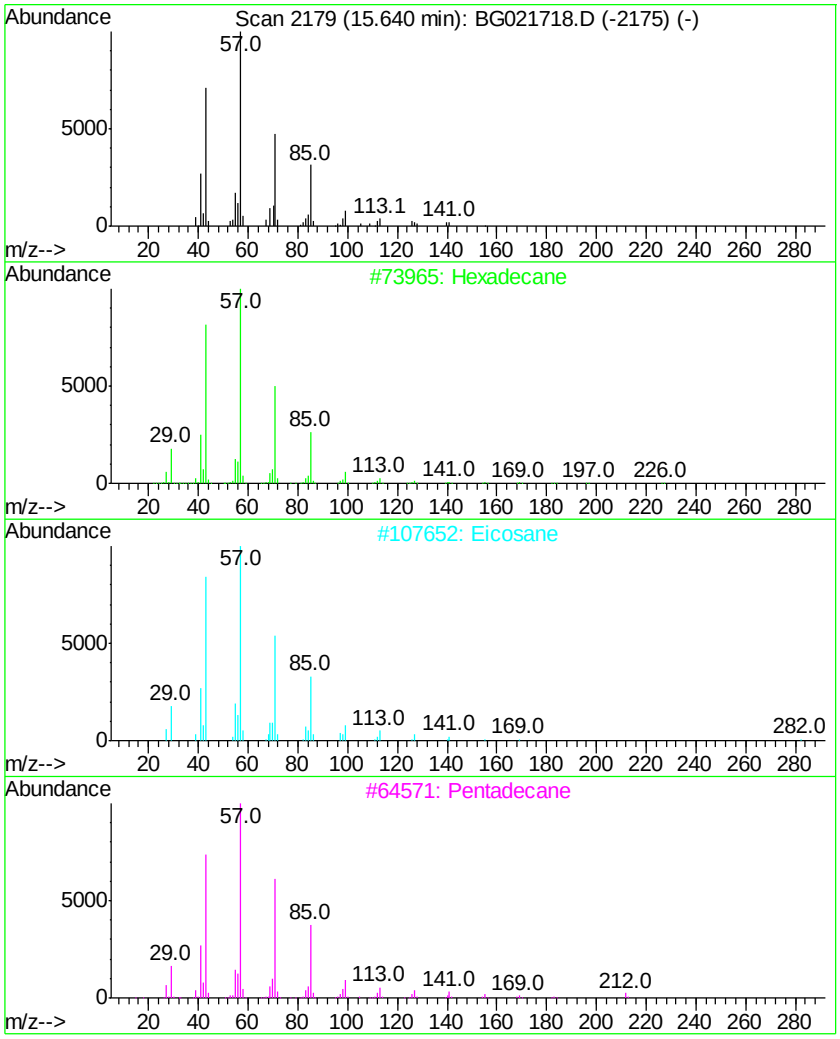
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

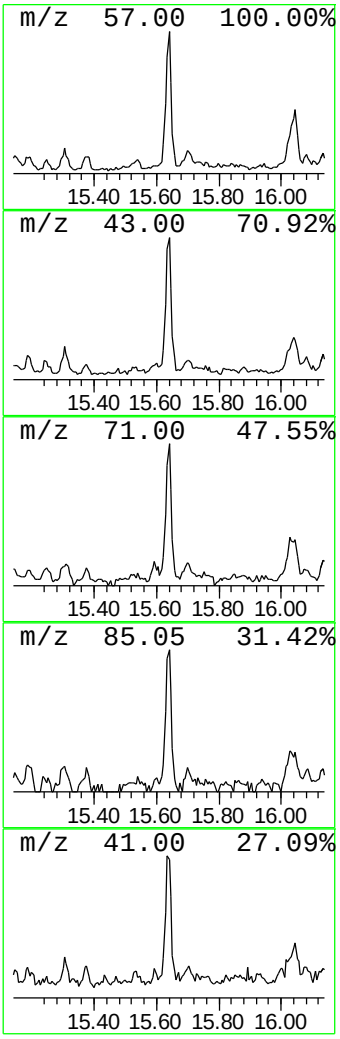
****

Peak Number 5 Hexadecane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.64	2.83 ng	55626	Acenaphthene-d10	14.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	91
2	Eicosane	282	C20H42	000112-95-8	90
3	Pentadecane	212	C15H32	000629-62-9	86
4	Octacosane	394	C28H58	000630-02-4	83
5	Octane, 2,4,6-trimethyl-	156	C11H24	062016-37-9	83





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG041516\
Data File : BG021718.D
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Operator : UM/SJ
Sample : H2560-02
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
POSTEX-26-20160414

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG041316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

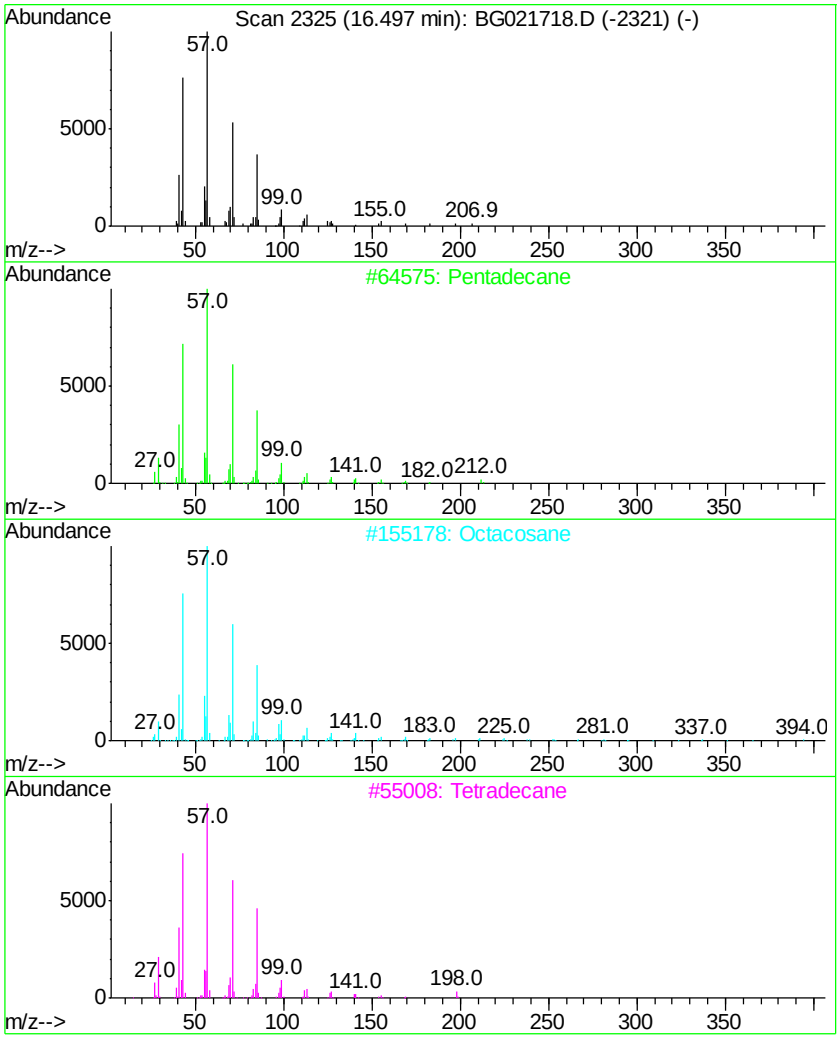
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

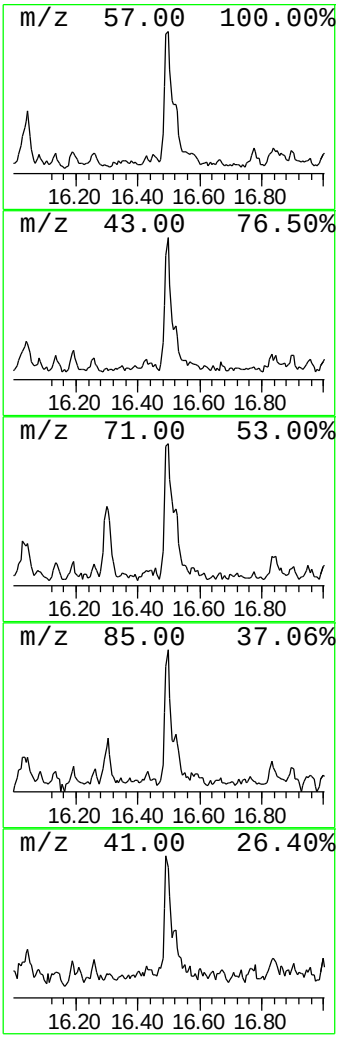
****

Peak Number 6 Pentadecane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.50	2.78 ng	70015	Phenanthrene-d10	17.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane	212	C15H32	000629-62-9	86
2	Octacosane	394	C28H58	000630-02-4	86
3	Tetradecane	198	C14H30	000629-59-4	86
4	Hexadecane	226	C16H34	000544-76-3	86
5	Tridecane	184	C13H28	000629-50-5	86





Data Path : Z:\HPCHEM1\BNA G\DATA\BG041516\
Data File : BG021718.D
Acq On : 16 Apr 2016 15:19
Operator : UM/SJ
Sample : H2560-02
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : POSTEX-26-20160414

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG041316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

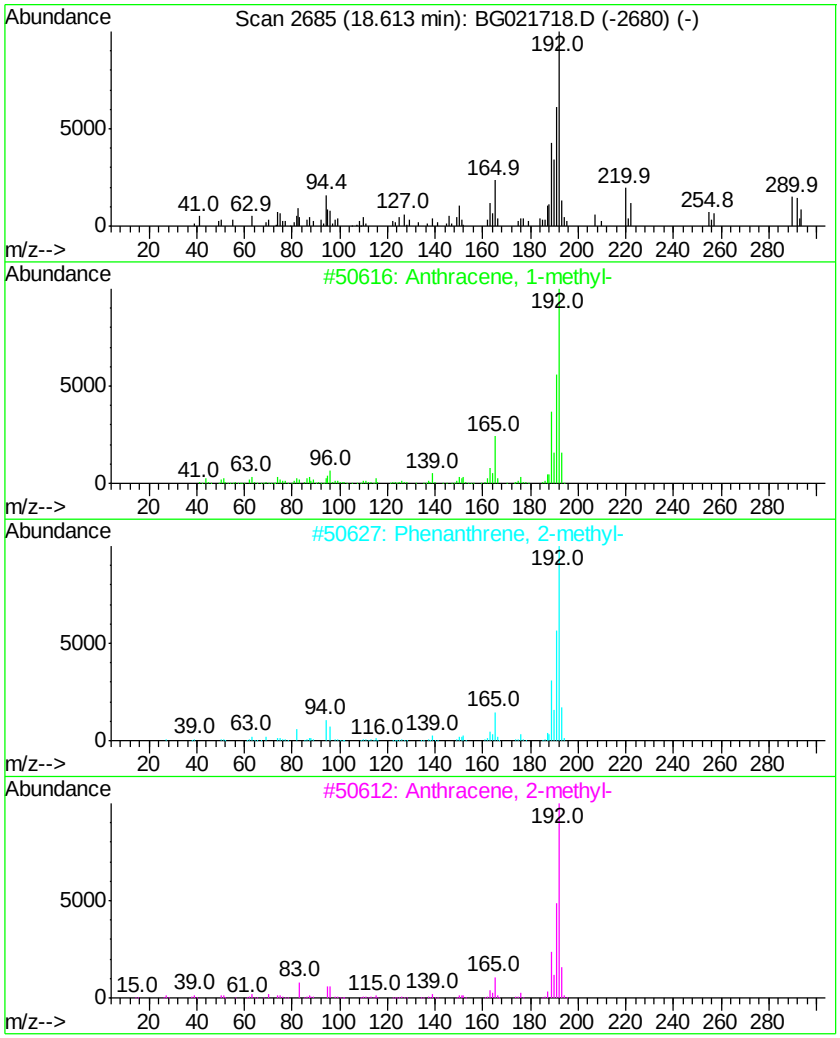
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

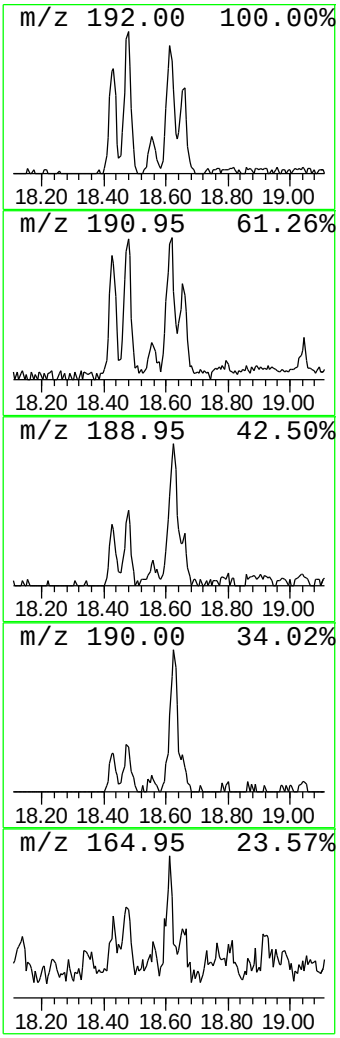
****

Peak Number 7 Anthracene, 1-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.61	2.46 ng	62107	Phenanthrene-d10	17.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 1-methyl-	192	C15H12	000610-48-0	70
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	55
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	55
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	55
5	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	55





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG041516\
Data File : BG021718.D
Acq On : 16 Apr 2016 15:19
Operator : UM/SJ
Sample : H2560-02
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
POSTEX-26-20160414

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG041316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

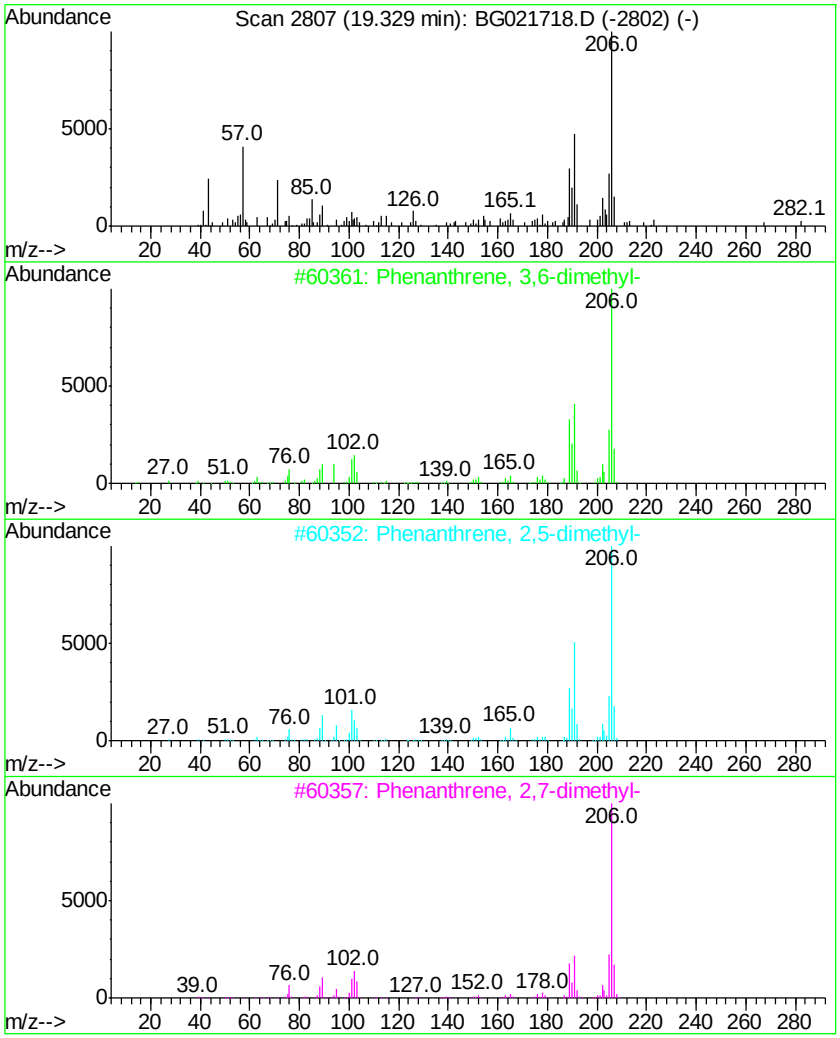
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

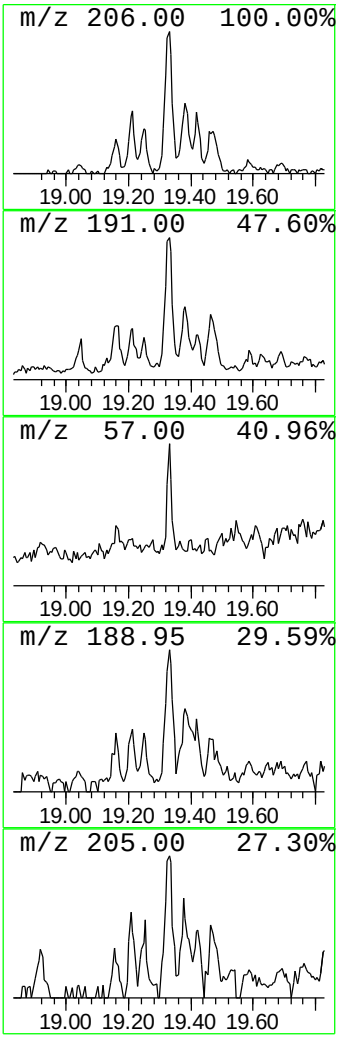
****

Peak Number 8 Phenanthrene, 3,6-dimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.33	2.90 ng	72996	Phenanthrene-d10	17.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	94
2	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	94
3	Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	91
4	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	87
5	di-p-Tolylacetylene	206	C16H14	002789-88-0	87





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG041516\
Data File : BG021718.D
Acq On : 16 Apr 2016 15:19
Operator : UM/SJ
Sample : H2560-02
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : POSTEX-26-20160414

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG041316.M
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
Propane, 2,2-dime...	3.10	310.1	ng	2764970	1	8.21	178340	20.0
2-Pentanone, 4-hy...	5.29	4.7	ng	41928	1	8.21	178340	20.0
unknown7.75	7.75	95.0	ng	846632	1	8.21	178340	20.0
Hexadecane	15.64	2.8	ng	55626	3	14.82	393297	20.0
Pentadecane	16.50	2.8	ng	70015	4	17.56	504220	20.0
Anthracene, 1-met...	18.61	2.5	ng	62107	4	17.56	504220	20.0
Phenanthrene, 3,6...	19.33	2.9	ng	72996	4	17.56	504220	20.0