LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG060815\
Data File : BG017542.D
Acq On : 8 Jun 2015 14:34
Operator : TP/IZ
Sample : G2464-18 5X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SB-16DS

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-BG060315.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	2.744	5	9	15	rVB4	9533	15341	3.65%	0.440%
2	4.712	339	344	348	rBV2	6982	10015	2.38%	0.287%
3	5.206	420	428	438	rBV	50249	75674	18.01%	2.171%
4	6.822	694	703	710	rBV	54912	95061	22.63%	2.727%
5	7.151	754	759	766	rVB	54170	86012	20.47%	2.468%
6	7.609	831	837	843	rVB	78733	116041	27.62%	3.329%
7	7.926	884	891	897	rBV2	51180	78021	18.57%	2.239%
8	8.772	1030	1035	1041	rBV2	32791	60062	14.30%	1.723%
9	10.406	1307	1313	1321	rBV	93248	158894	37.82%	4.559%
10	12.897	1731	1737	1749	rVB	82046	129851	30.91%	3.726%
11	13.749	1876	1882	1889	rBV2	8830	16731	3.98%	0.480%
12	14.283	1967	1973	1980	rBV2	141814	224500	53.44%	6.441%
13	14.342	1980	1983	1988	rVB2	9925	13784	3.28%	0.395%
14	14.689	2037	2042	2048	rVB4	6984	9668	2.30%	0.277%
15	15.335	2147	2152	2156	rBV3	11666	16582	3.95%	0.476%
16	15.782	2222	2228	2236	rBV2	54936	90069	21.44%	2.584%
17	16.011	2262	2267	2272	rVB7	2487	5694	1.36%	0.163%
18	16.681	2378	2381	2387	rBV7	2504	4356	1.04%	0.125%
19	16.851	2408	2410	2416	rVB3	5453	7057	1.68%	0.202%
20	17.033	2436	2441	2445	rBV2	184277	260620	62.04%	7.477%
21	17.074	2445	2448	2455	rVB	90920	126229	30.05%	3.622%
22	17.168	2458	2464	2468	rVB2	25865	38871	9.25%	1.115%
23	17.450	2508	2512	2515	rBV3	4630	6505	1.55%	0.187%
24	17.556	2528	2530	2535	rVB3	2987	4623	1.10%	0.133%
25	17.679	2547	2551	2552	rBV2	4523	4344	1.03%	0.125%
26	17.914	2587	2591	2594	rBV	11832	17848	4.25%	0.512%
27	17.956	2594	2598	2604	rVV3	15105	29033	6.91%	0.833%
28	18.044	2604	2613	2617	rVV5	7940	14751	3.51%	0.423%
29	18.102	2619	2623	2628	rVV3	23594	39773	9.47%	1.141%
30	18.144	2628	2630	2634	rVB4	9471	9295	2.21%	0.267%
31	18.232	2642	2645	2647	rVB4	4405	4306	1.02%	0.124%
32	18.420	2674	2677	2682	rVB4	8740	12712	3.03%	0.365%
33	18.467	2682	2685	2687	rBV4	6087	4729	1.13%	0.136%
34	18.520	2690	2694	2695	rBV3	4494	4273	1.02%	0.123%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG060815\
Data File : BG017542.D
Acq On : 8 Jun 2015 14:34
Operator : TP/IZ
Sample : G2464-18 5X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SB-16DS

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-BG060315.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	18.555	2698	2700	2703	rBV4	3635	4369	1.04%	0.125%
36	18.831	2745	2747	2748	rBV2	8096	6475	1.54%	0.186%
37	18.901	2756	2759	2765	rBV8	4976	9639	2.29%	0.277%
38	19.101	2788	2793	2800	rBV	157339	213590	50.84%	6.128%
39	19.301	2824	2827	2830	rBV5	5811	8279	1.97%	0.238%
40	19.348	2833	2835	2837	rVV3	10736	8816	2.10%	0.253%
41	19.436	2846	2850	2851	rBV2	27076	31634	7.53%	0.908%
42	19.466	2851	2855	2859	rVB	137084	179647	42.76%	5.154%
43	19.536	2865	2867	2868	rBV2	9216	8002	1.90%	0.230%
44	19.671	2884	2890	2895	rBV	172426	217949	51.88%	6.253%
45	19.712	2895	2897	2900	rVB4	8439	8361	1.99%	0.240%
46	19.783	2904	2909	2910	rBV5	15094	19118	4.55%	0.549%
47	19.930	2930	2934	2936	rBV5	12157	17073	4.06%	0.490%
48	19.965	2936	2940	2945	rVB	22173	39710	9.45%	1.139%
49	20.065	2954	2957	2960	rVB3	24460	27255	6.49%	0.782%
50	20.112	2963	2965	2967	rBV3	11180	11199	2.67%	0.321%
51	20.265	2989	2991	2995	rBV3	8641	6155	1.47%	0.177%
52	21.228	3149	3155	3159	rBV2	272799	420103	100.00%	12.053%
53	21.263	3159	3161	3169	rVB	65323	89132	21.22%	2.557%
54	22.791	3417	3421	3426	rBV2	51144	109540	26.07%	3.143%
55	23.467	3531	3536	3541	rVB	157550	258026	61.42%	7.403%

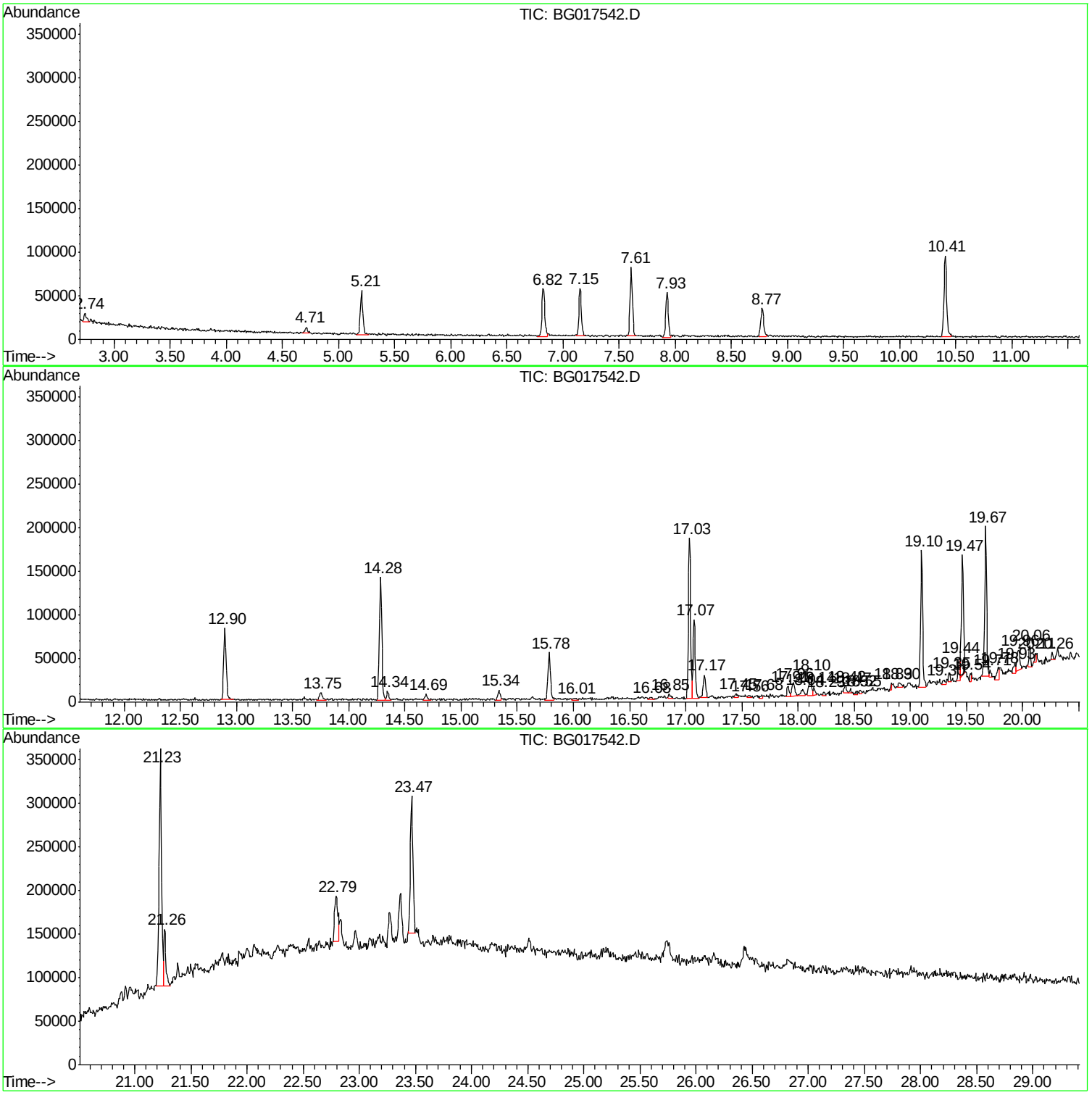
Sum of corrected areas: 3485397

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG060815\
Data File : BG017542.D
Acq On : 8 Jun 2015 14:34
Operator : TP/IZ
Sample : G2464-18 5X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SB-16DS

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG060315.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 : Z:\HPCHEM1\BNA_G\DATA\BG060815\
Data File : BG017542.D
Acq On : 8 Jun 2015 14:34
Operator : TP/IZ
Sample : G2464-18 5X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SB-16DS

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG060315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

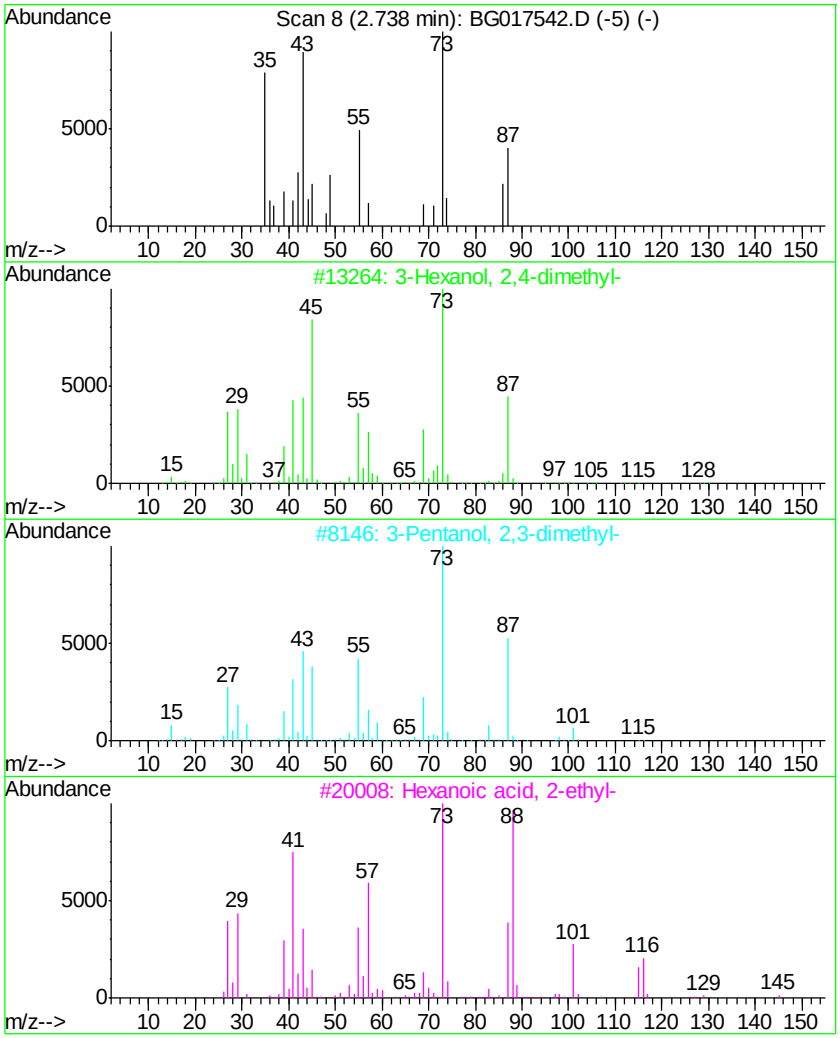
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

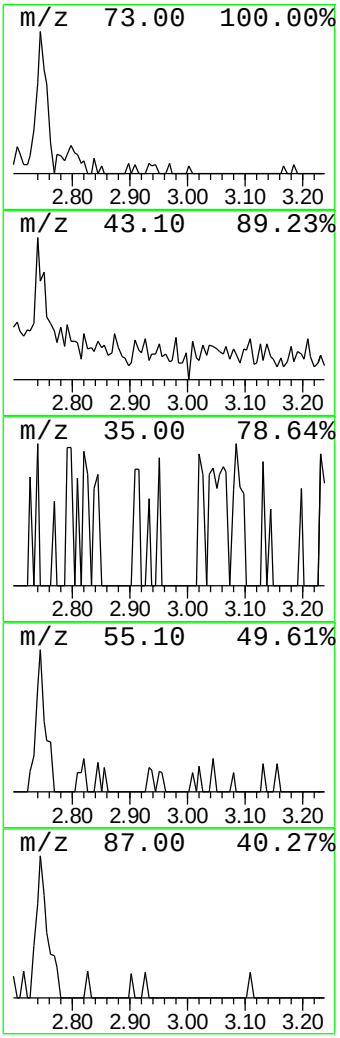
****

Peak Number 1 unknown2.74 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.74	2.64 ng	15341	1,4-Dichlorobenzene-d4	7.61

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Hexanol, 2,4-dimethyl-	130	C8H18O	013432-25-2	28
2	3-Pentanol, 2,3-dimethyl-	116	C7H16O	000595-41-5	23
3	Hexanoic acid, 2-ethyl-	144	C8H16O2	000149-57-5	17
4	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	10
5	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	9





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG060815\
Data File : BG017542.D
Acq On : 8 Jun 2015 14:34
Operator : TP/IZ
Sample : G2464-18 5X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SB-16DS

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG060315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

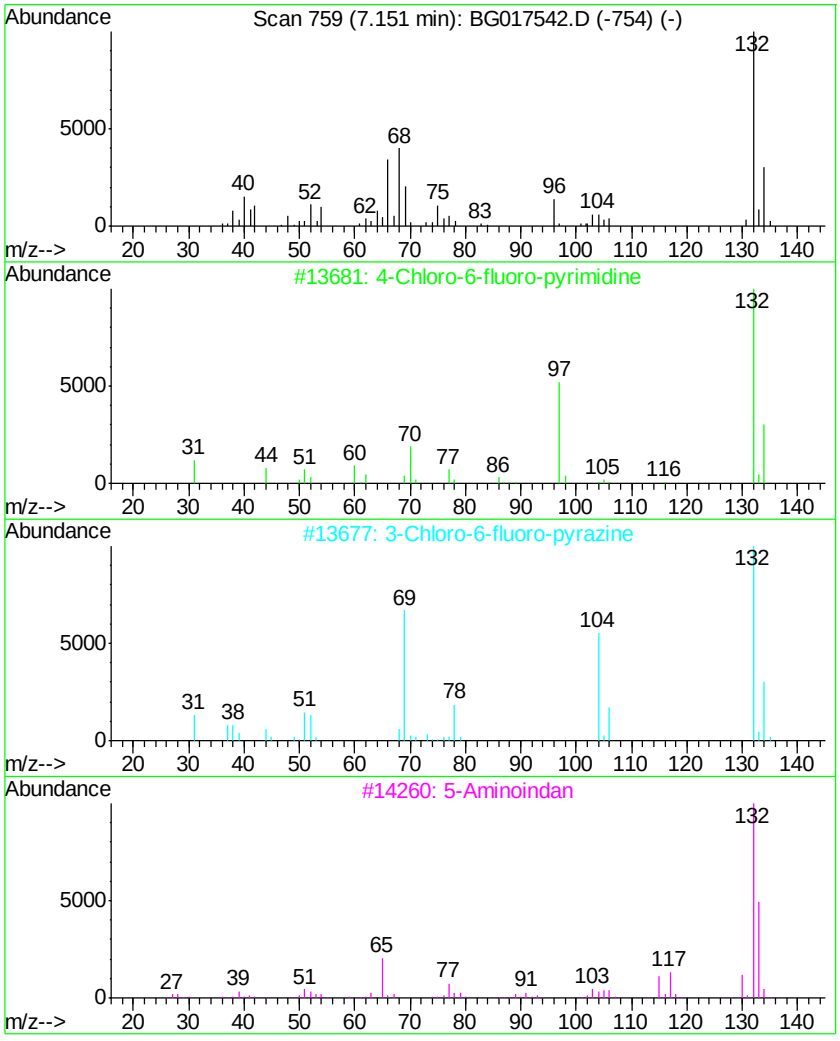
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

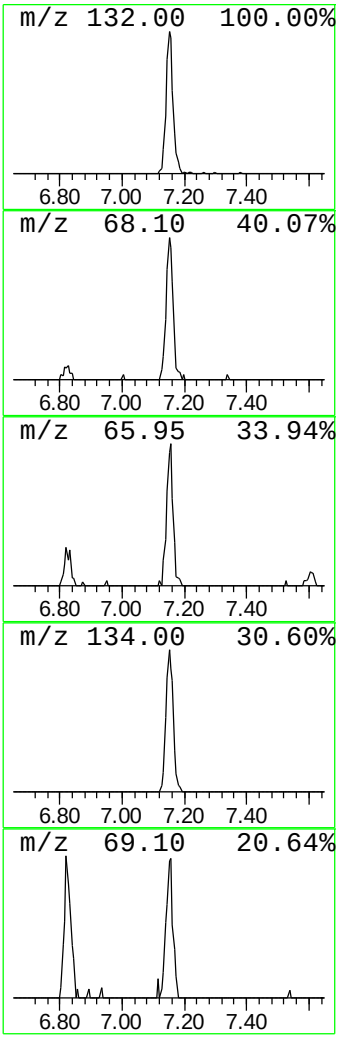
****

Peak Number 2 unknown7.15 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.15	14.82 ng	86012	1,4-Dichlorobenzene-d4	7.61

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	16
2	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	16
3	5-Aminoindan	133	C9H11N	024425-40-9	12
4	1,3-Oxazolidine, 2,5-diphenyl-4-...	239	C16H17NO	1000138-86-6	12
5	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	12





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG060815\
Data File : BG017542.D
Acq On : 8 Jun 2015 14:34
Operator : TP/IZ
Sample : G2464-18 5X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SB-16DS

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG060315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

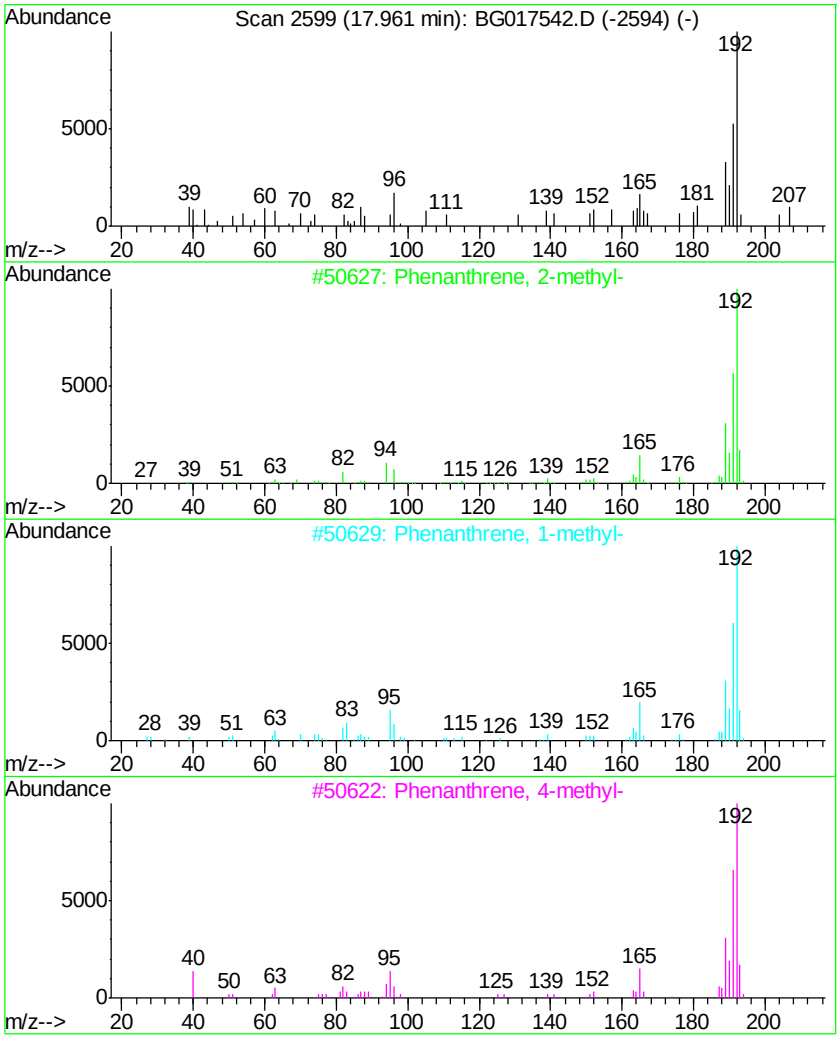
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

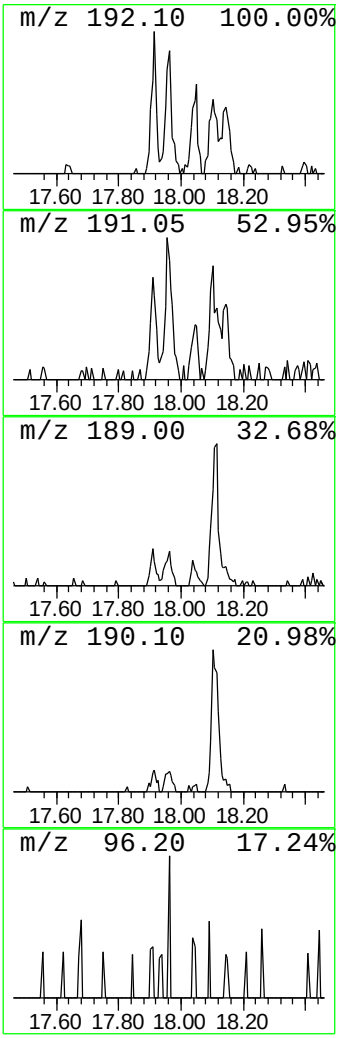
****

Peak Number 4 Phenanthrene, 2-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.96	2.23 ng	29033	Phenanthrene-d10	17.03

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	59
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	53
3	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	53
4	Benzene, 1,1'-(1,2-propadienylid...	192	C15H12	014251-57-1	53
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	53





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG060815\
Data File : BG017542.D
Acq On : 8 Jun 2015 14:34
Operator : TP/IZ
Sample : G2464-18 5X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SB-16DS

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG060315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

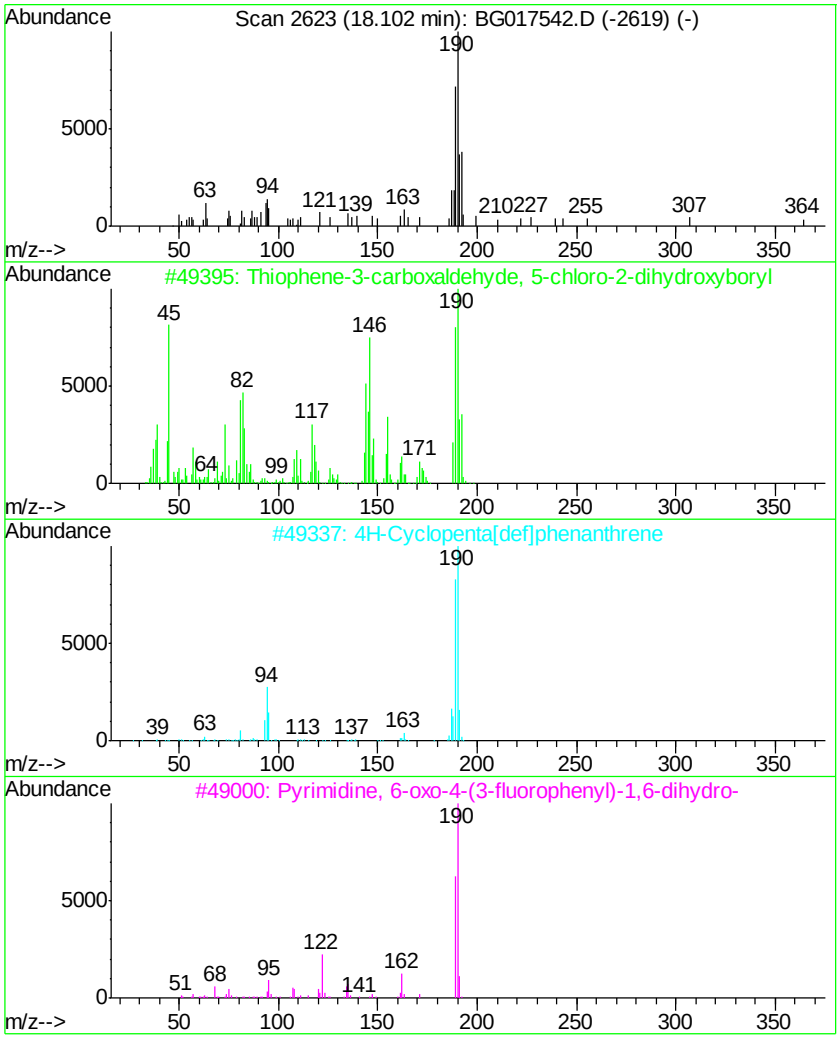
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

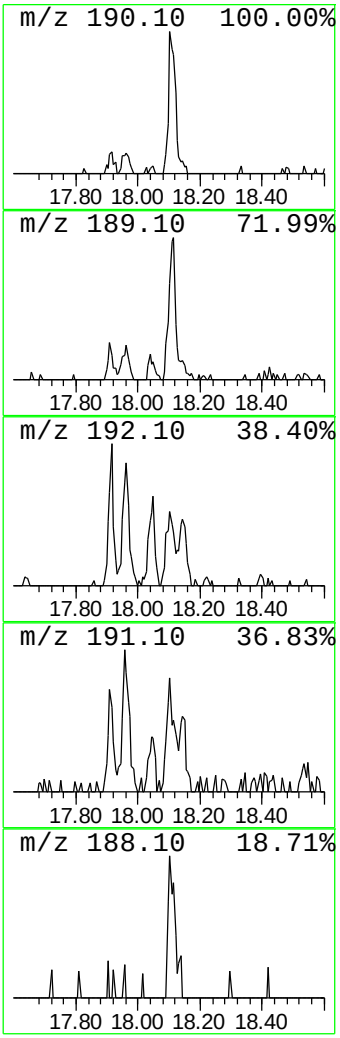
****

Peak Number 5 Thiophene-3-carboxaldehyde,... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.10	3.05 ng	39773	Phenanthrene-d10	17.03

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Thiophene-3-carboxaldehyde, 5-ch...	190	C5H4BClO3S	036155-87-0	72
2	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	58
3	Pyrimidine, 6-oxo-4-(3-fluorophe...	190	C10H7FN2O	085979-55-1	47
4	Pyrimidine, 6-oxo-4-(4-fluorophe...	190	C10H7FN2O	085979-57-3	38
5	Benzimidazol-2(3H)-one, 5-formyl...	190	C10H10N2O2	055241-49-1	38





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG060815\
Data File : BG017542.D
Acq On : 8 Jun 2015 14:34
Operator : TP/IZ
Sample : G2464-18 5X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SB-16DS

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG060315.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
unknown2.74	2.74	2.6	ng	15341	1	7.61	116041	20.0
unknown7.15	7.15	14.8	ng	86012	1	7.61	116041	20.0
Phenanthrene, 2-m...	17.96	2.2	ng	29033	4	17.03	260620	20.0
Thiophene-3-carbo...	18.10	3.0	ng	39773	4	17.03	260620	20.0