LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG052815\
Data File : BG017350.D
Acq On : 29 May 2015 8:12
Operator : TP/IZ
Sample : G2408-07
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SB-22D

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-BG051315.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	4.762	349	353	362	rVB	25456	35783	2.55%	0.344%
2	5.250	430	436	450	rVB	405316	563481	40.23%	5.416%
3	6.172	588	593	600	rBV	10869	19245	1.37%	0.185%
4	6.860	702	710	721	rBV	413440	652234	46.57%	6.269%
5	7.195	760	767	774	rBV	404377	629259	44.93%	6.048%
6	7.653	839	845	852	rBV	127302	197255	14.08%	1.896%
7	7.976	893	900	906	rBV	283646	450060	32.13%	4.326%
8	8.816	1036	1043	1052	rBV	255554	409776	29.26%	3.938%
9	10.444	1313	1320	1327	rBV	171130	278956	19.92%	2.681%
10	12.929	1737	1743	1753	rVB	629091	866586	61.87%	8.329%
11	13.775	1881	1887	1894	rBV	61049	87512	6.25%	0.841%
12	14.310	1972	1978	1985	rVB2	243622	376320	26.87%	3.617%
13	15.808	2225	2233	2241	rBV	527867	719679	51.38%	6.917%
14	16.824	2397	2406	2409	rBV7	12081	20119	1.44%	0.193%
15	17.059	2439	2446	2450	rBV2	338357	460800	32.90%	4.429%
16	17.101	2450	2453	2458	rVB	79722	101740	7.26%	0.978%
17	17.189	2464	2468	2475	rVB2	18516	28353	2.02%	0.272%
18	17.465	2509	2515	2522	rBV4	9079	21438	1.53%	0.206%
19	17.741	2558	2562	2566	rBV4	11121	15488	1.11%	0.149%
20	17.964	2597	2600	2607	rBV5	31699	57242	4.09%	0.550%
21	18.070	2615	2618	2623	rVB6	11130	15896	1.13%	0.153%
22	18.129	2623	2628	2632	rBV4	14804	31217	2.23%	0.300%
23	18.264	2646	2651	2653	rBV6	12147	15902	1.14%	0.153%
24	18.411	2670	2676	2680	rBV4	30117	45450	3.24%	0.437%
25	18.493	2685	2690	2694	rVB8	8743	15822	1.13%	0.152%
26	18.681	2716	2722	2728	rVB2	61901	82863	5.92%	0.796%
27	19.122	2792	2797	2803	rBV	119968	158046	11.28%	1.519%
28	19.180	2803	2807	2811	rVB3	29378	35651	2.55%	0.343%
29	19.263	2816	2821	2826	rVB8	11716	22847	1.63%	0.220%
30	19.457	2849	2854	2855	rBV2	20467	25537	1.82%	0.245%
31	19.486	2855	2859	2863	rVB	98862	127591	9.11%	1.226%
32	19.651	2883	2887	2888	rBV3	19339	21765	1.55%	0.209%
33	19.692	2889	2894	2899	rVB	1129829	1400679	100.00%	13.462%
34	19.809	2911	2914	2920	rBV8	9909	18566	1.33%	0.178%

LSC Area Percent Report

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Sample : G2408-07
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SB-22D

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-BG051315.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	19.903	2926	2930	2934	rBV	49867	63730	4.55%	0.613%
36	19.980	2940	2943	2948	rVB4	20764	26430	1.89%	0.254%
37	20.079	2958	2960	2965	rVB	16324	20070	1.43%	0.193%
38	20.144	2965	2971	2974	rBV4	18648	38108	2.72%	0.366%
39	20.279	2991	2994	2996	rBV3	11798	15350	1.10%	0.148%
40	20.438	3018	3021	3025	rVB6	14399	18676	1.33%	0.179%
41	20.732	3068	3071	3075	rBV4	14380	18505	1.32%	0.178%
42	20.961	3106	3110	3118	rVV3	84001	133631	9.54%	1.284%
43	21.031	3118	3122	3127	rVB6	12828	29587	2.11%	0.284%
44	21.166	3142	3145	3147	rVB	31745	33980	2.43%	0.327%
45	21.249	3152	3159	3162	rVV2	474087	692254	49.42%	6.653%
46	21.284	3162	3165	3172	rVB	67888	95684	6.83%	0.920%
47	21.396	3181	3184	3187	rBV4	22271	31037	2.22%	0.298%
48	22.418	3354	3358	3362	rBV	44800	57276	4.09%	0.550%
49	22.812	3419	3425	3440	rVB3	66331	248740	17.76%	2.391%
50	23.293	3502	3507	3514	rVB3	30643	66085	4.72%	0.635%
51	23.387	3517	3523	3532	rVV	54244	119498	8.53%	1.148%
52	23.487	3532	3540	3556	rVB	305792	645066	46.05%	6.200%
53	25.755	3923	3926	3934	rVB5	18462	41922	2.99%	0.403%

Sum of corrected areas: 10404787

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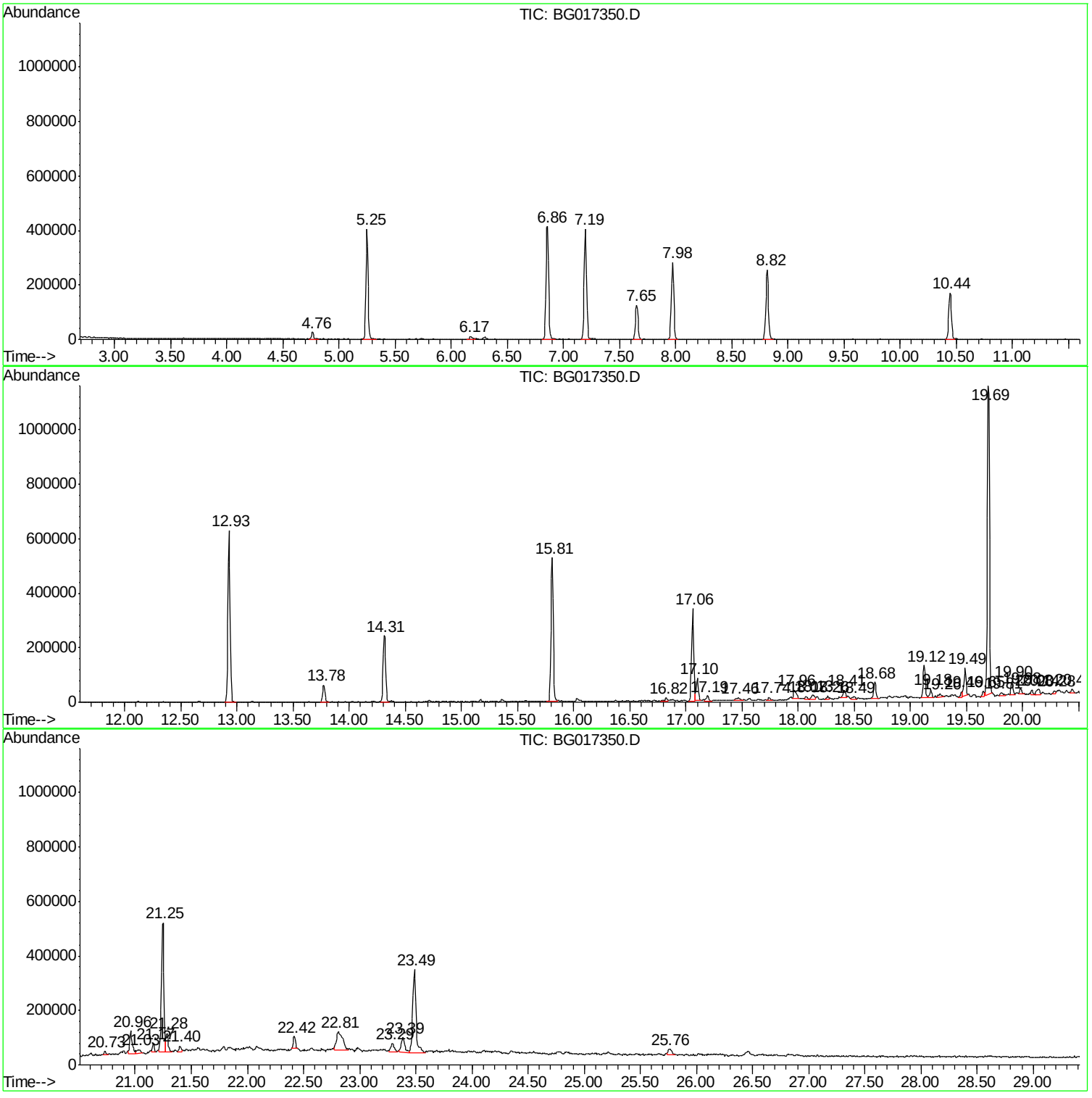
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SB-22D

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG051315.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\BG052815\
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Acq On : 29 May 2015 8:12
Operator : TP/IZ
Sample : G2408-07
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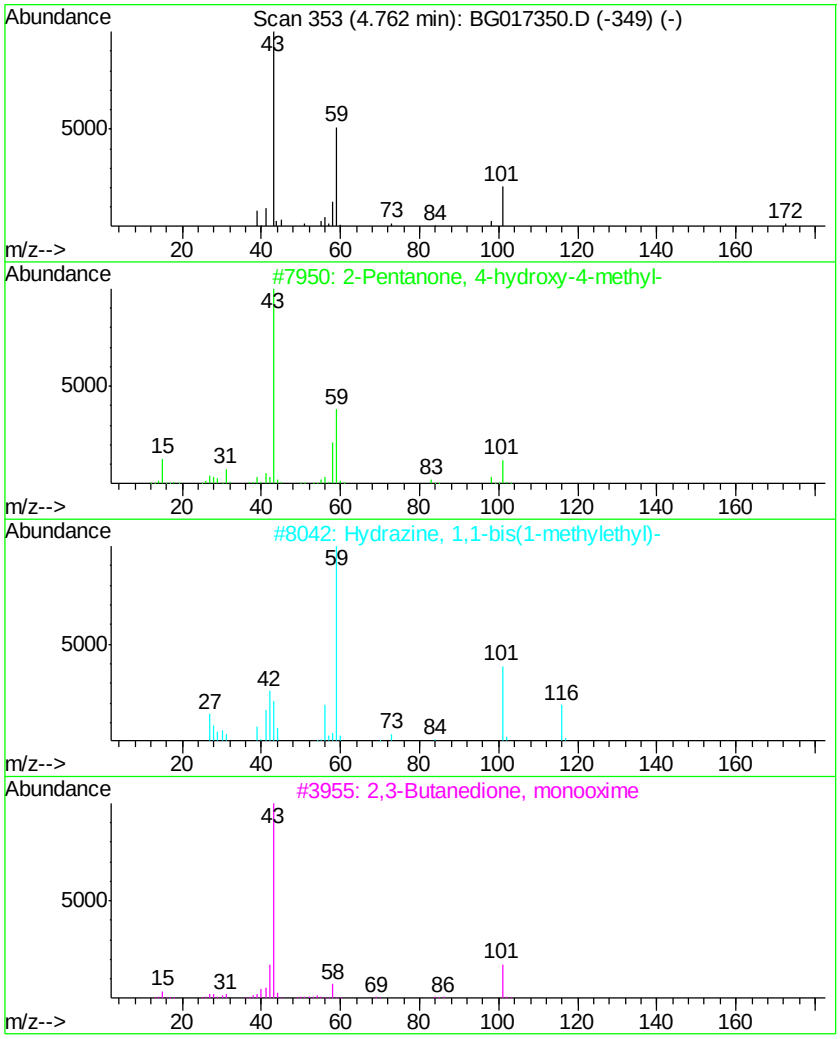
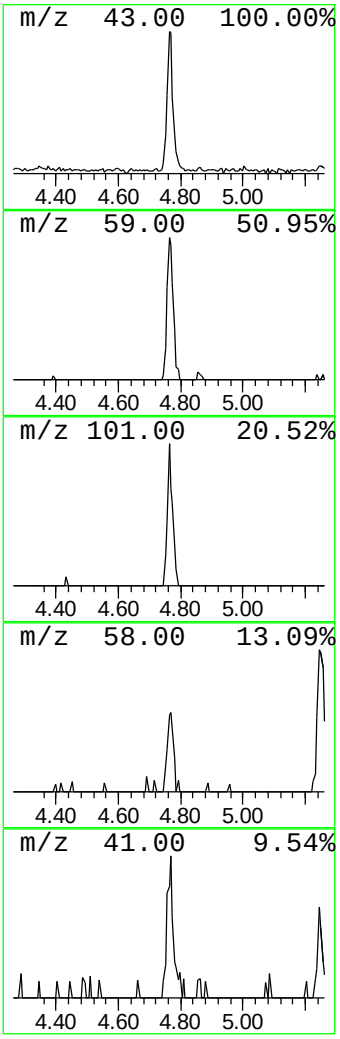
Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.76	3.63 ng	35783	1,4-Dichlorobenzene-d4	7.65

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2	Hydrazine, 1,1-bis(1-methylethyl)-	116	C6H16N2	000921-14-2	28
3	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9
4	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	9
5	3-Octanol	130	C8H18O	000589-98-0	9





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Sample : G2408-07
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SB-22D

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG051315.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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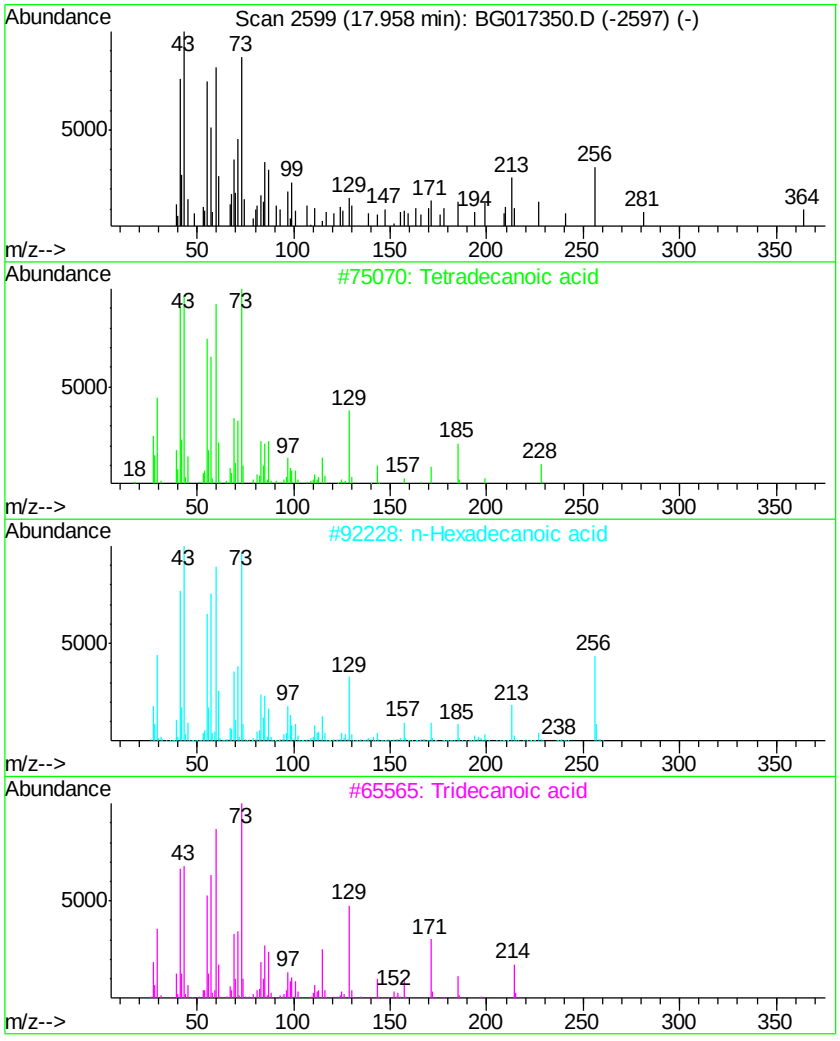
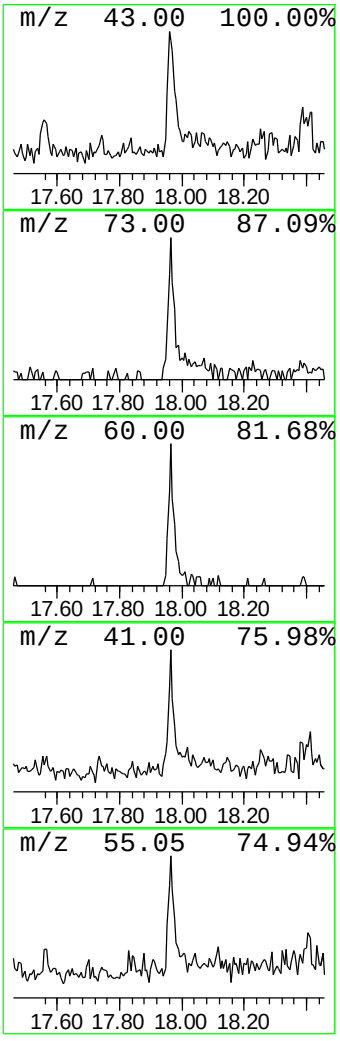
Peak Number 4 Tetradecanoic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.96	2.48 ng	57242	Phenanthrene-d10	17.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecanoic acid	228	C14H28O2	000544-63-8	87
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	87
3	Tridecanoic acid	214	C13H26O2	000638-53-9	64
4	Undecanoic acid	186	C11H22O2	000112-37-8	53
5	n-Decanoic acid	172	C10H20O2	000334-48-5	50





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Sample : G2408-07
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SB-22D

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG051315.M
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TIC Library : C:\DATABASE\NIST02.L
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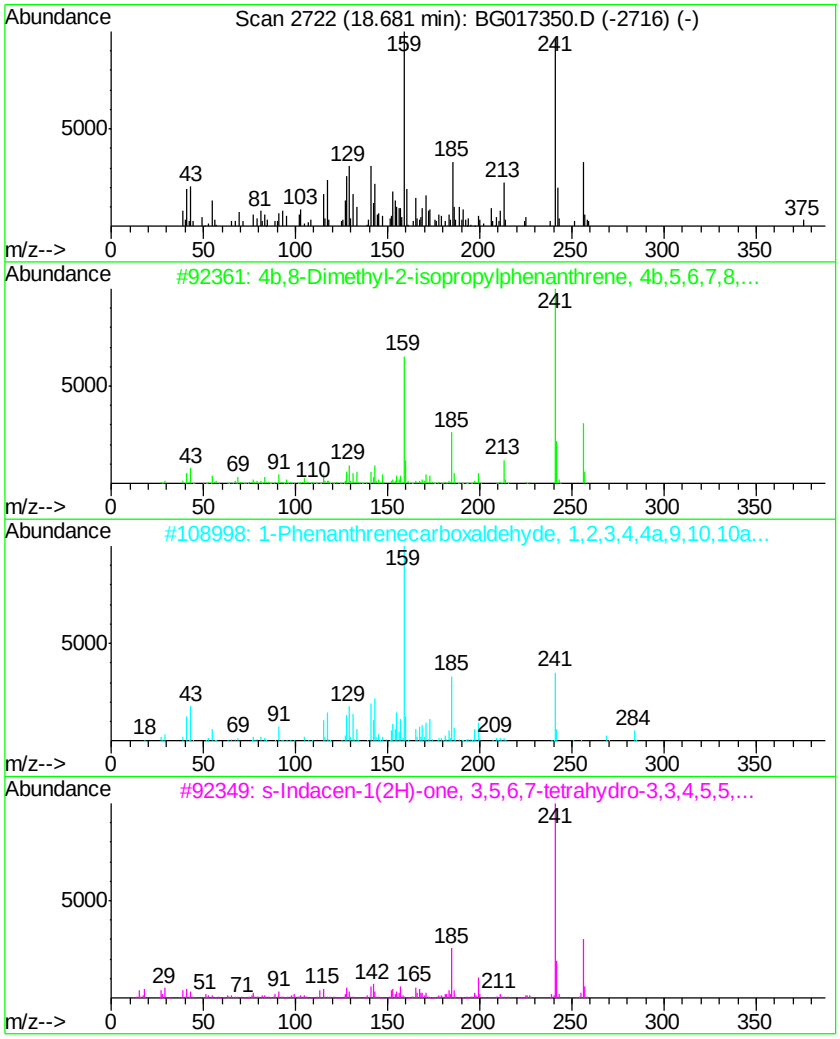
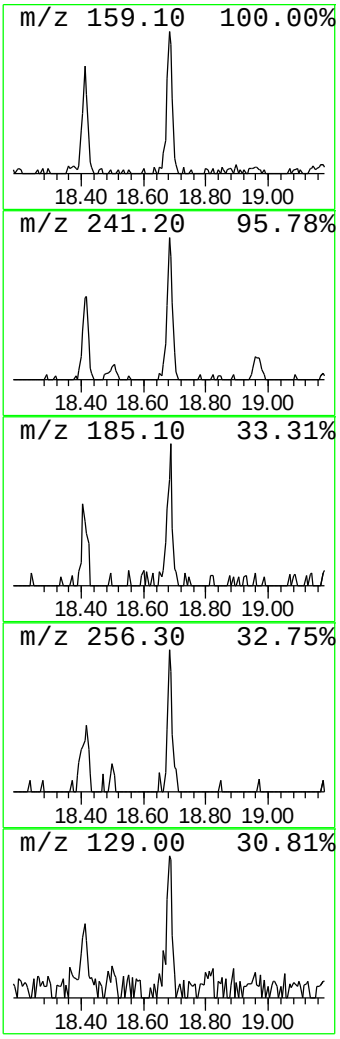
Peak Number 5 4b,8-Dimethyl-2-isopropylph... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.68	3.60 ng	82863	Phenanthrene-d10	17.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4b,8-Dimethyl-2-isopropylphenant...	256	C19H28	1000197-14-1	93
2	1-Phenanthrenecarboxaldehyde, 1,...	284	C20H28O	024035-50-5	59
3	s-Indacen-1(2H)-one, 3,5,6,7-tet...	256	C18H24O	038754-94-8	50
4	As-Indacene, 1,2,3,6,7,8-hexahyd...	256	C19H28	017465-47-3	42
5	1-Methyl-10,18-bisnorabieta-8,11...	256	C19H28	1000293-16-9	38





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG052815\
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ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SB-22D

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG051315.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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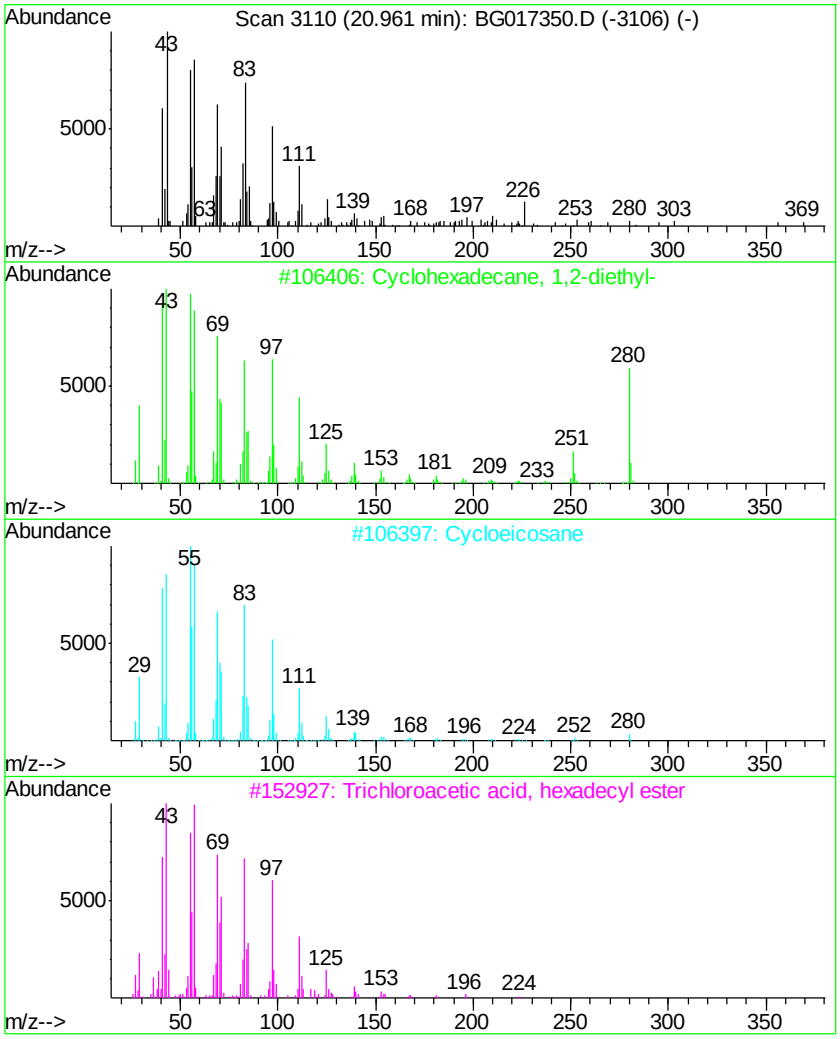
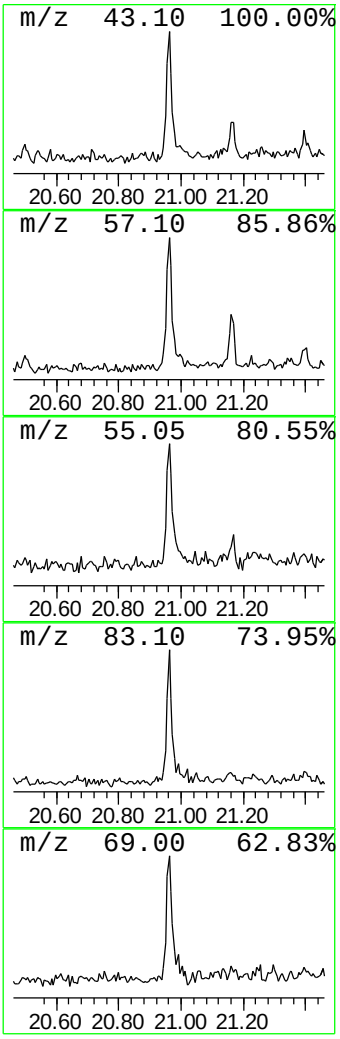
Peak Number 6 Cyclohexadecane, 1,2-diethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.96	3.86 ng	133631	Chrysene-d12	21.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexadecane, 1,2-diethyl-	280	C20H40	1000155-85-3	95
2	Cycloeicosane	280	C20H40	000296-56-0	93
3	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	92
4	1-Eicosene	280	C20H40	003452-07-1	91
5	1-Tricosene	322	C23H46	018835-32-0	90





Tentatively Identified Compound (LSC) summary

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Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG051315.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
2-Pentanone, 4-hy...	4.76	3.6	ng	35783	1	7.65	197255	20.0
Tetradecanoic acid	17.96	2.5	ng	57242	4	17.06	460800	20.0
4b,8-Dimethyl-2-i...	18.68	3.6	ng	82863	4	17.06	460800	20.0
Cyclohexadecane, ...	20.96	3.9	ng	133631	5	21.25	692254	20.0