LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG060415\
Data File : BG017463.D
Acq On : 5 Jun 2015 5:59
Operator : TP/IZ
Sample : G2486-01
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : STORM-WATER

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	2.771	10	14	27	rVB	235823	310040	17.58%	2.218%
2	4.728	342	347	354	rVB2	48698	65865	3.73%	0.471%
3	5.215	424	430	439	rBV	97159	134225	7.61%	0.960%
4	6.825	698	704	712	rBV	63590	96989	5.50%	0.694%
5	7.166	755	762	772	rVB	161438	257711	14.61%	1.844%
6	7.624	832	840	847	rBV	70240	105764	6.00%	0.757%
7	7.942	887	894	903	rBV	295526	458473	26.00%	3.280%
8	8.788	1031	1038	1045	rBV	256596	414599	23.51%	2.966%
9	10.415	1306	1315	1323	rBV	90603	162974	9.24%	1.166%
10	11.849	1556	1559	1565	rVB	13554	20000	1.13%	0.143%
11	12.906	1732	1739	1745	rBV	671910	960155	54.45%	6.869%
12	13.112	1765	1774	1781	rBV	23666	39136	2.22%	0.280%
13	13.747	1878	1882	1889	rBV2	24392	43877	2.49%	0.314%
14	14.193	1951	1958	1963	rBV2	44494	60297	3.42%	0.431%
15	14.287	1966	1974	1980	rVB2	149225	230932	13.10%	1.652%
16	14.810	2060	2063	2071	rVB6	12024	18735	1.06%	0.134%
17	15.033	2096	2101	2108	rBV2	13868	25498	1.45%	0.182%
18	15.145	2117	2120	2124	rVB	48558	58828	3.34%	0.421%
19	15.556	2183	2190	2194	rVB2	20203	33886	1.92%	0.242%
20	15.785	2221	2229	2236	rBV	313553	452857	25.68%	3.240%
21	16.009	2263	2267	2276	rBV2	68121	113660	6.45%	0.813%
22	16.802	2397	2402	2407	rBV2	65294	78464	4.45%	0.561%
23	16.855	2407	2411	2416	rVV3	24438	34395	1.95%	0.246%
24	17.037	2437	2442	2448	rBV2	212719	298148	16.91%	2.133%
25	17.348	2491	2495	2501	rBV5	18617	31791	1.80%	0.227%
26	17.542	2523	2528	2533	rVB	59033	68707	3.90%	0.492%
27	17.948	2592	2597	2605	rBV	128254	196274	11.13%	1.404%
28	18.235	2641	2646	2650	rBV	60664	74797	4.24%	0.535%
29	18.870	2750	2754	2759	rVB	80604	98027	5.56%	0.701%
30	19.111	2789	2795	2802	rBV	9161	23178	1.31%	0.166%
31	19.234	2810	2816	2823	rBV2	58408	98179	5.57%	0.702%
32	19.458	2849	2854	2858	rVB	163896	180436	10.23%	1.291%
33	19.681	2886	2892	2898	rVB	1469831	1763475	100.00%	12.616%
34	19.992	2940	2945	2949	rVB	313188	347046	19.68%	2.483%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG060415\
Data File : BG017463.D
Acq On : 5 Jun 2015 5:59
Operator : TP/IZ
Sample : G2486-01
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : STORM-WATER

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	20.486	3024	3029	3034	rBV	501556	534142	30.29%	3.821%
36	20.950	3103	3108	3116	rBV	682633	750369	42.55%	5.368%
37	21.232	3151	3156	3161	rBV	309063	382118	21.67%	2.734%
38	21.385	3177	3182	3186	rBV	711250	732448	41.53%	5.240%
39	21.649	3225	3227	3230	rVB2	28110	24616	1.40%	0.176%
40	21.702	3232	3236	3239	rBV2	17343	19367	1.10%	0.139%
41	21.814	3250	3255	3263	rBV	649715	754042	42.76%	5.395%
42	22.072	3296	3299	3301	rBV4	17866	20071	1.14%	0.144%
43	22.096	3301	3303	3307	rVB2	26521	30518	1.73%	0.218%
44	22.149	3310	3312	3316	rVB3	22597	25760	1.46%	0.184%
45	22.272	3328	3333	3341	rBV	525474	666622	37.80%	4.769%
46	22.583	3384	3386	3389	rVB3	19615	20835	1.18%	0.149%
47	22.636	3390	3395	3402	rVB2	78001	133681	7.58%	0.956%
48	22.777	3413	3419	3425	rBV	396411	608274	34.49%	4.352%
49	23.018	3455	3460	3469	rVB8	36539	73453	4.17%	0.526%
50	23.124	3475	3478	3483	rVB5	16392	21610	1.23%	0.155%
51	23.177	3483	3487	3489	rBV5	18881	28474	1.61%	0.204%
52	23.347	3510	3516	3523	rBV	270914	457860	25.96%	3.276%
53	23.465	3530	3536	3542	rVB	190194	333375	18.90%	2.385%
54	23.993	3619	3626	3634	rVB	182460	370605	21.02%	2.651%
55	24.499	3709	3712	3718	rVB8	23537	42090	2.39%	0.301%
56	24.745	3746	3754	3761	rBV2	131382	303274	17.20%	2.170%
57	25.627	3895	3904	3913	rVB3	61951	168300	9.54%	1.204%
58	26.667	4074	4081	4090	rVB5	39541	118217	6.70%	0.846%

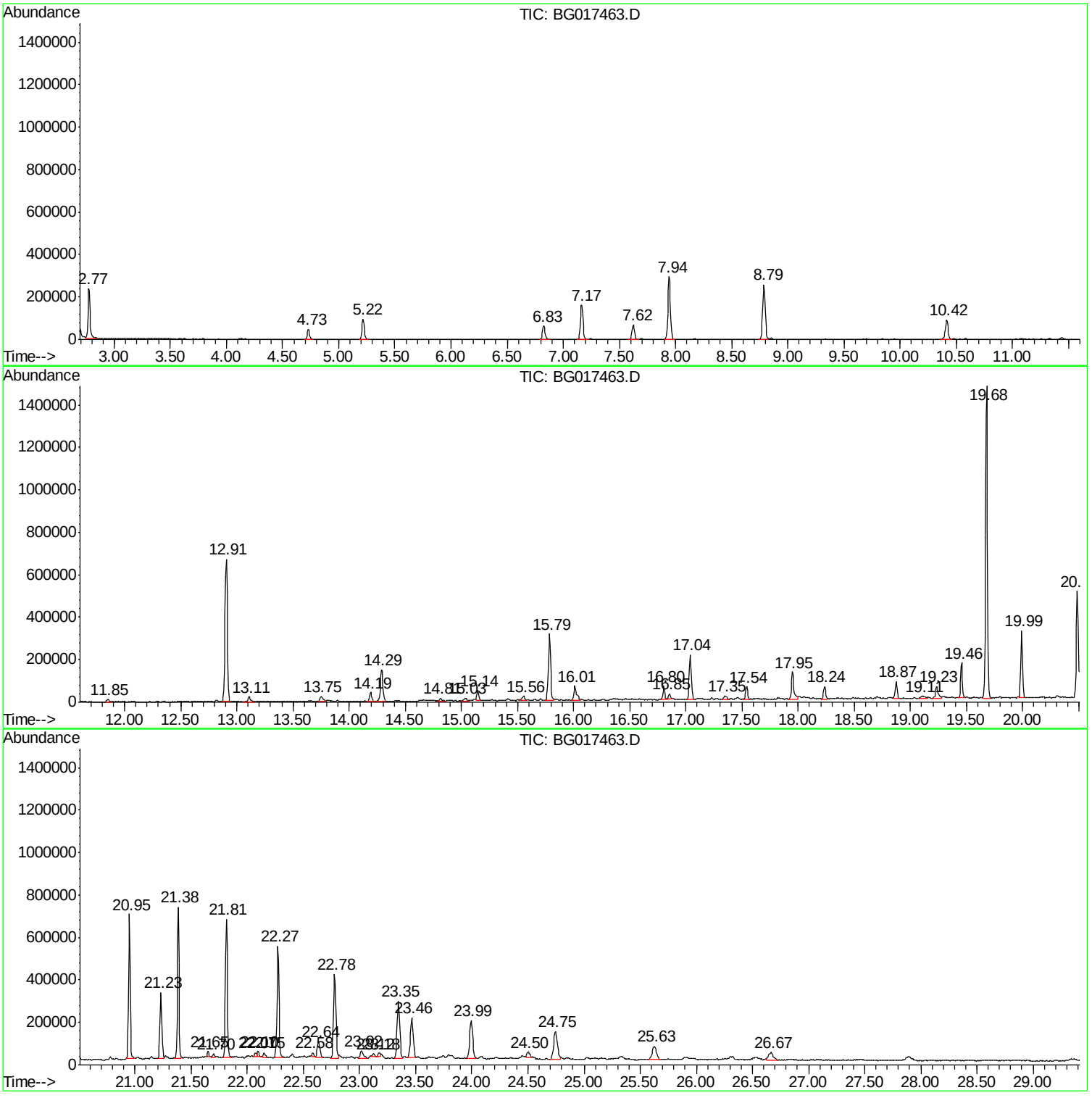
Sum of corrected areas: 13977539

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG060415\
Data File : BG017463.D
Acq On : 5 Jun 2015 5:59
Operator : TP/IZ
Sample : G2486-01
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : STORM-WATER

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\BG060415\
Data File : BG017463.D
Acq On : 5 Jun 2015 5:59
Operator : TP/IZ
Sample : G2486-01
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ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
STORM-WATER

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

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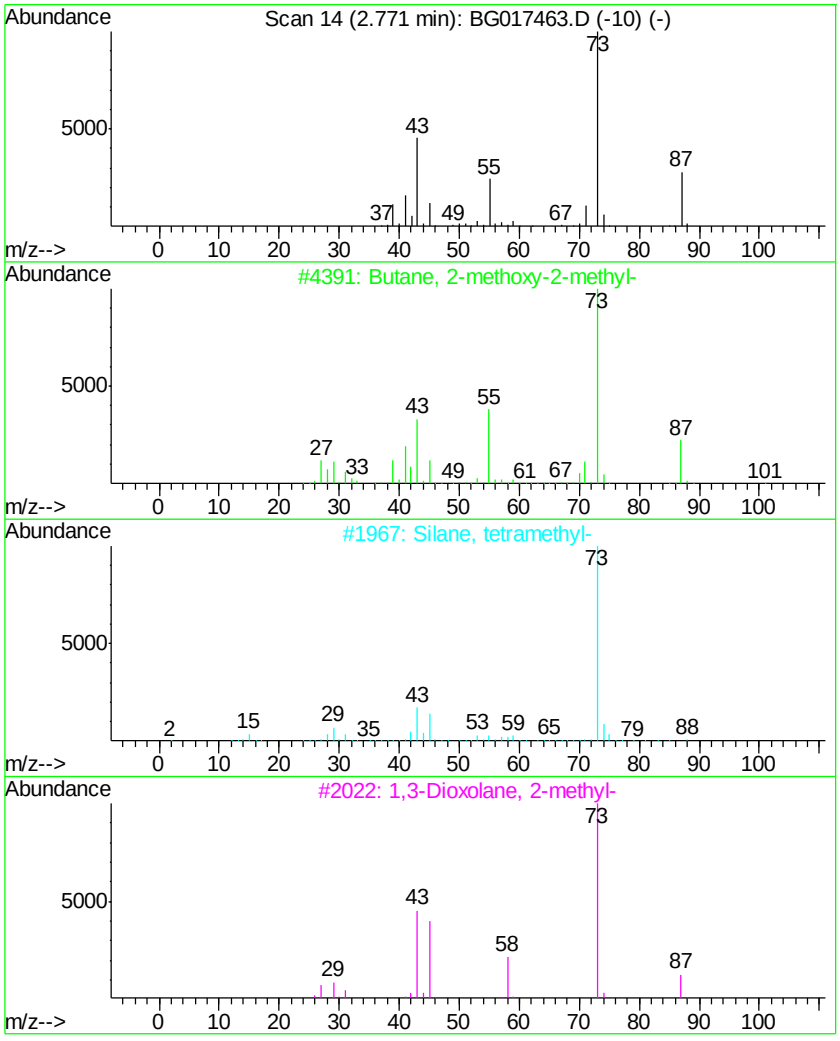
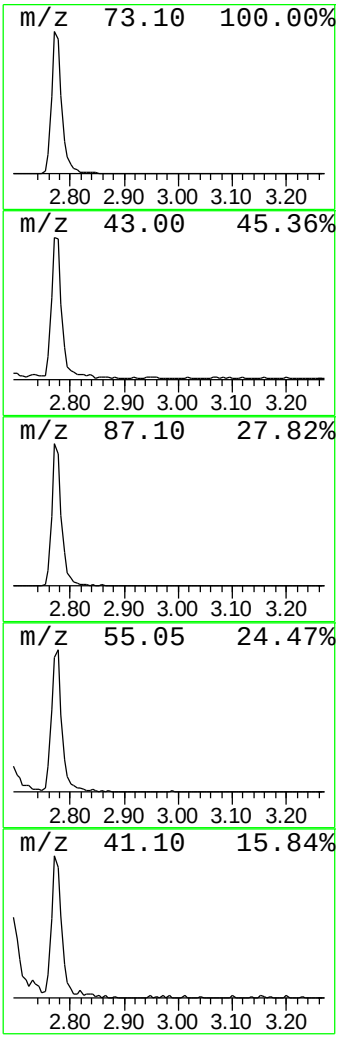
Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.77	58.63 ng	310040	1,4-Dichlorobenzene-d4	7.62

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	78
2	Silane, tetramethyl-	88	C4H12Si	000075-76-3	32
3	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	23
4	Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	9
5	1-Propene-1-thiol	74	C3H6S	000925-89-3	9





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG060415\
Data File : BG017463.D
Acq On : 5 Jun 2015 5:59
Operator : TP/IZ
Sample : G2486-01
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : STORM-WATER

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

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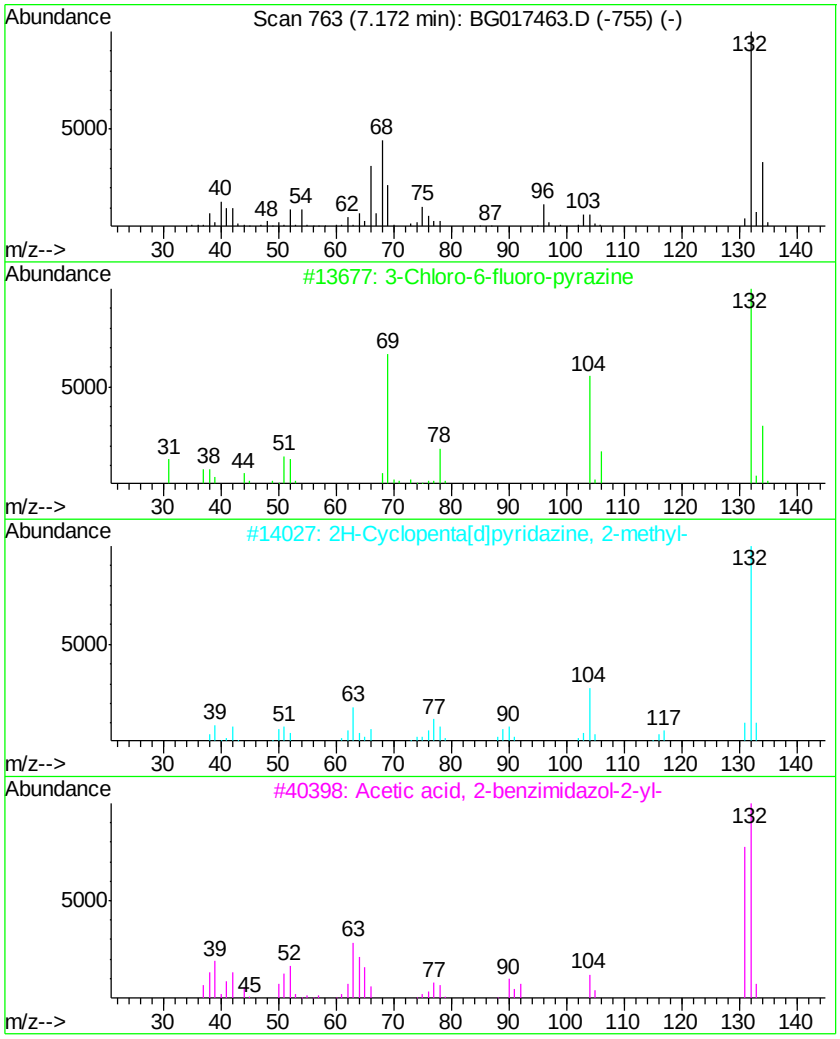
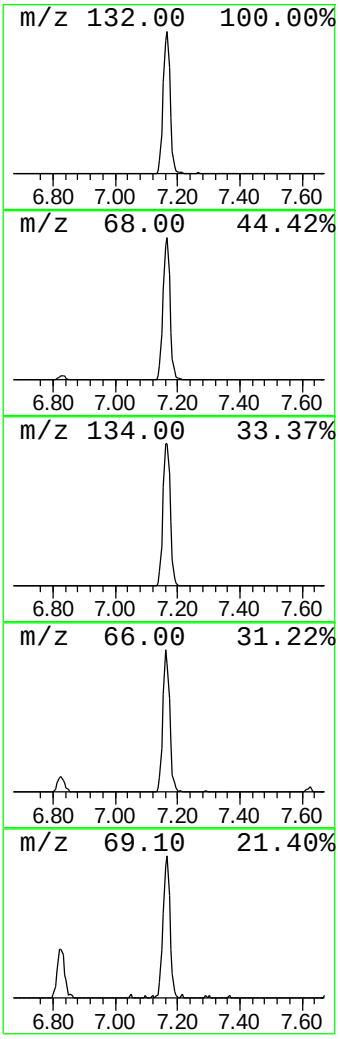
Peak Number 2 unknown7.17 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.17	48.73 ng	257711	1,4-Dichlorobenzene-d4	7.62

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	16
2	2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	16
3	Acetic acid, 2-benzimidazol-2-yl-	176	C9H8N2O2	013570-08-6	12
4	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	12
5	Imidazole, 4,5-dicyano-1-methyl-	132	C6H4N4	019485-35-9	12





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG060415\
Data File : BG017463.D
Acq On : 5 Jun 2015 5:59
Operator : TP/IZ
Sample : G2486-01
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : STORM-WATER

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

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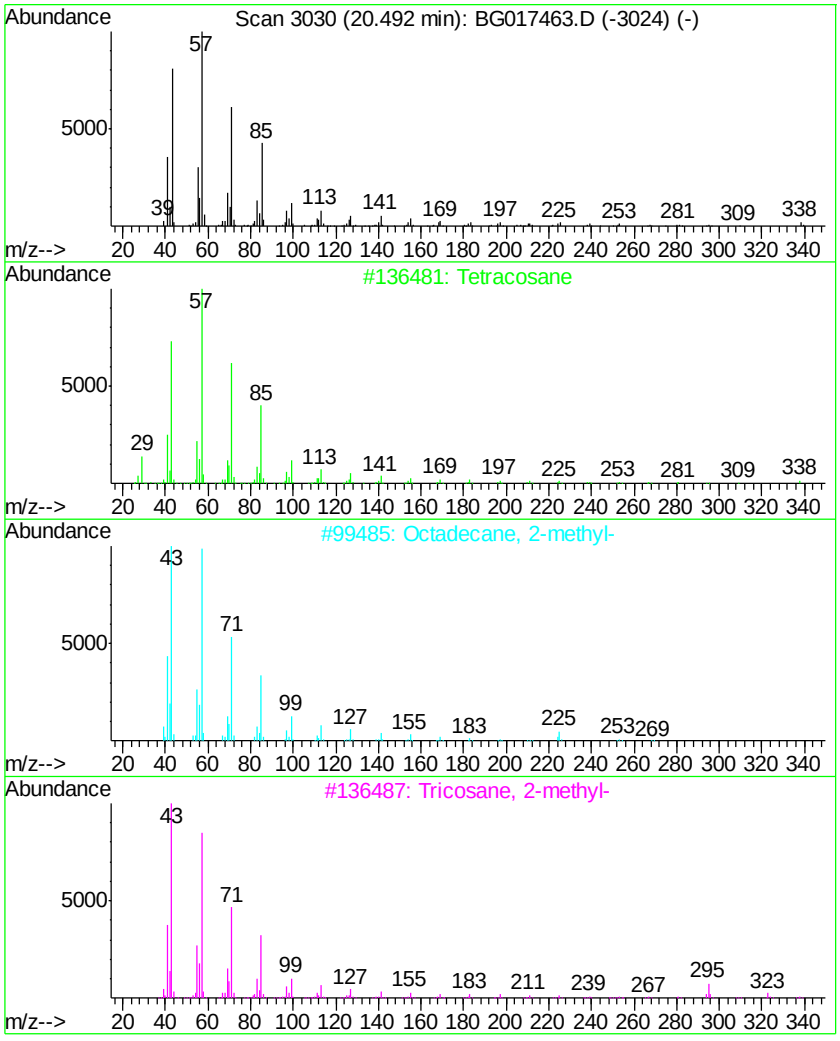
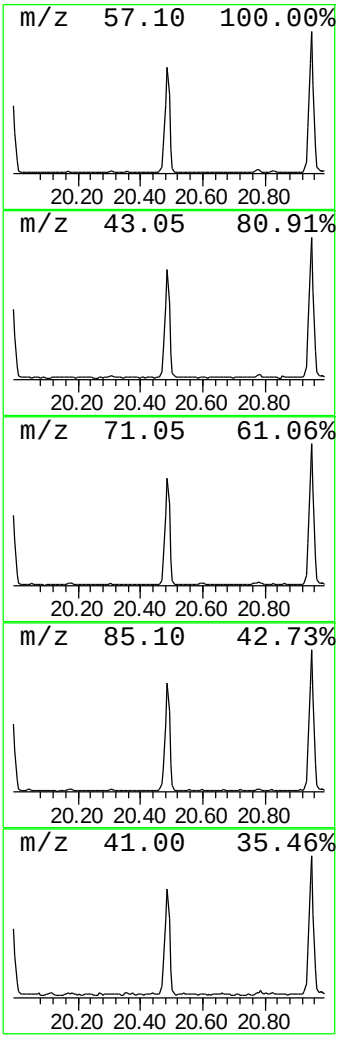
Peak Number 4 Tetracosane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.49	27.96 ng	534142	Chrysene-d12	21.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetracosane	338	C24H50	000646-31-1	98
2	Octadecane, 2-methyl-	268	C19H40	001560-88-9	95
3	Tricosane, 2-methyl-	338	C24H50	001928-30-9	93
4	Tridecane, 7-hexyl-	268	C19H40	007225-66-3	93
5	Octadecane	254	C18H38	000593-45-3	93





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG060415\
Data File : BG017463.D
Acq On : 5 Jun 2015 5:59
Operator : TP/IZ
Sample : G2486-01
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : STORM-WATER

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

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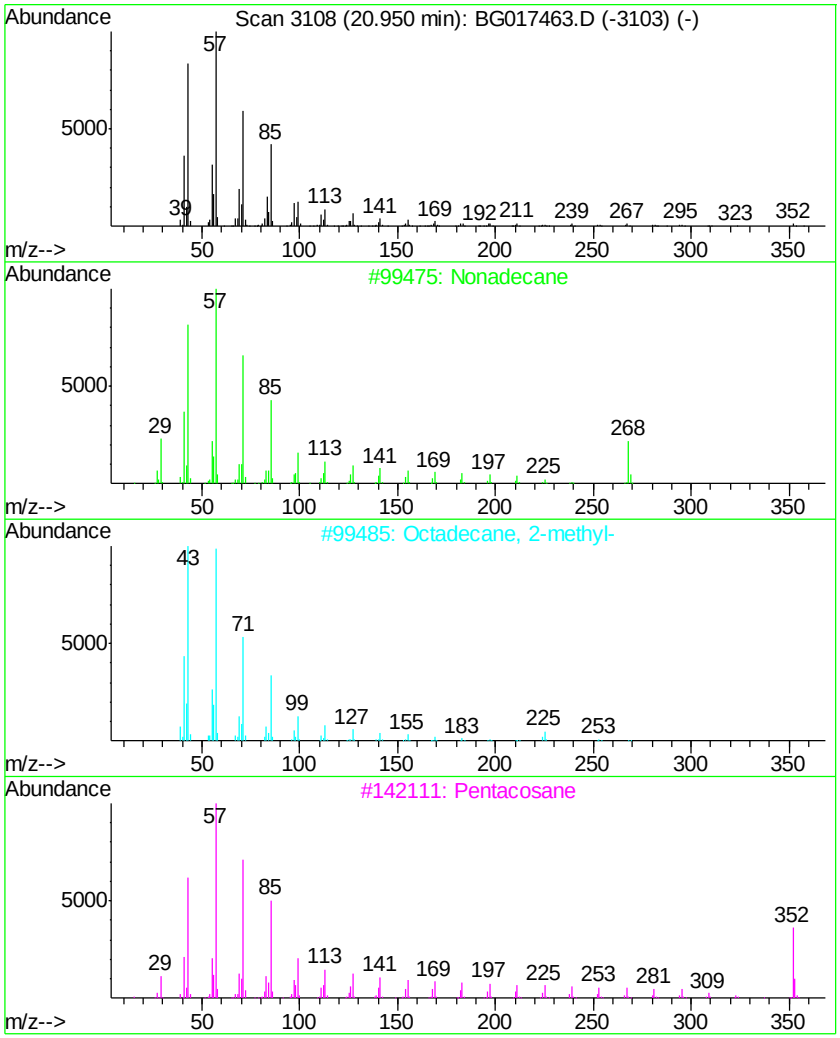
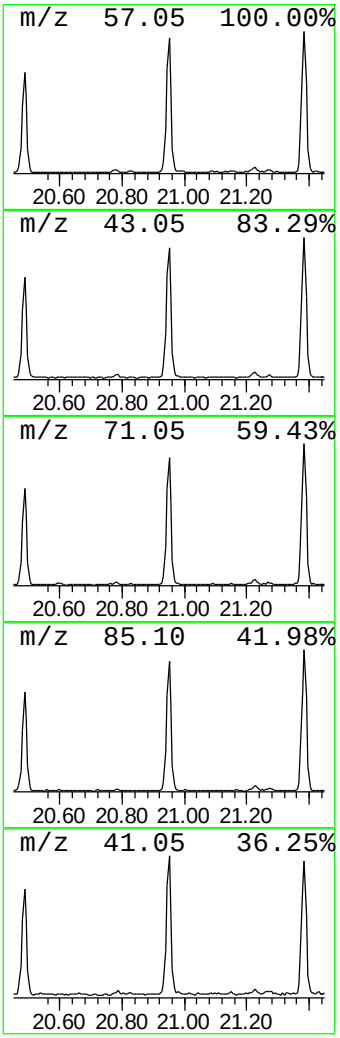
Peak Number 5 Nonadecane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.95	39.27 ng	750369	Chrysene-d12	21.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane	268	C19H40	000629-92-5	95
2	Octadecane, 2-methyl-	268	C19H40	001560-88-9	93
3	Pentacosane	352	C25H52	000629-99-2	91
4	Heneicosane, 11-decyl-	437	C31H64	055320-06-4	91
5	Tetratetracontane	619	C44H90	007098-22-8	91





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG060415\
Data File : BG017463.D
Acq On : 5 Jun 2015 5:59
Operator : TP/IZ
Sample : G2486-01
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : STORM-WATER

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

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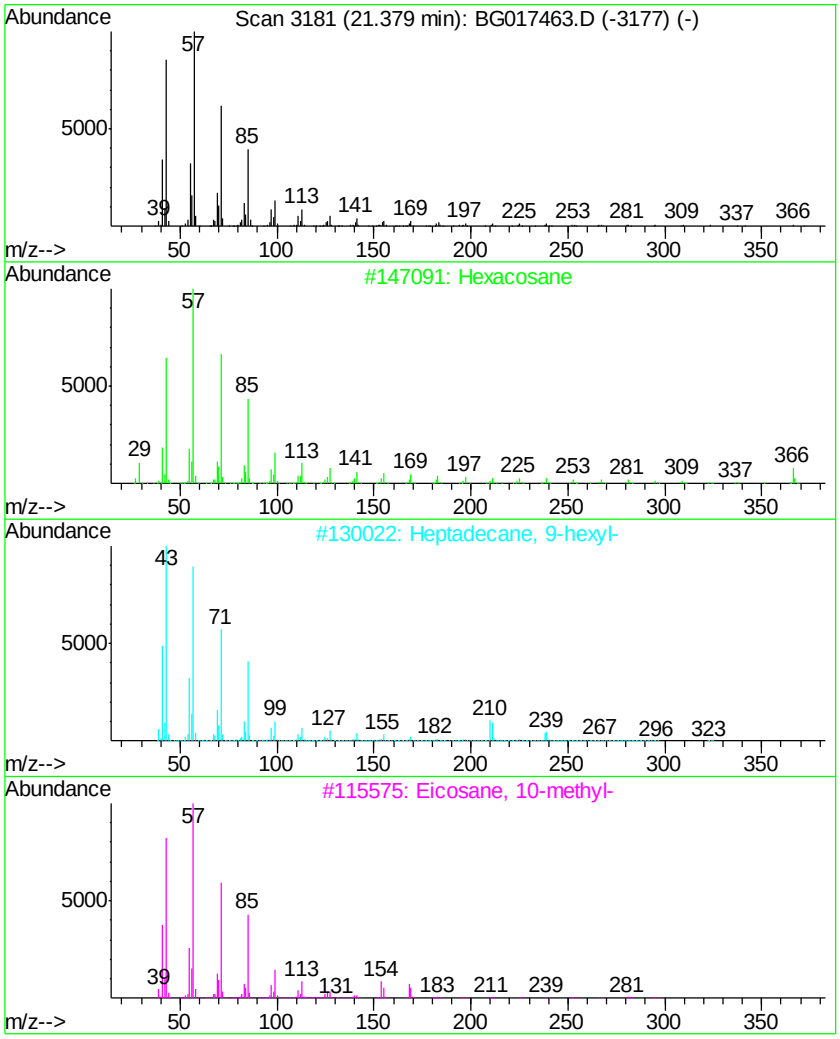
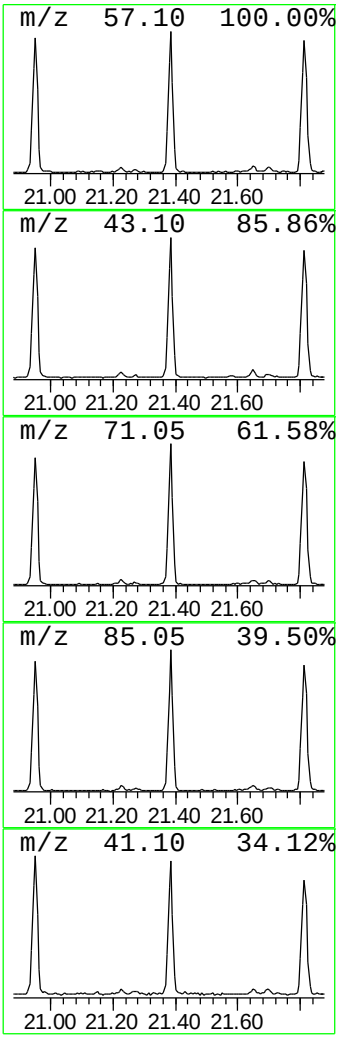
Peak Number 6 Hexacosane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.38	38.34 ng	732448	Chrysene-d12	21.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexacosane	366	C26H54	000630-01-3	99
2	Heptadecane, 9-hexyl-	324	C23H48	055124-79-3	95
3	Eicosane, 10-methyl-	296	C21H44	054833-23-7	93
4	Tridecane, 7-hexyl-	268	C19H40	007225-66-3	93
5	1-Iodo-2-methylundecane	296	C12H25I	073105-67-6	93





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG060415\
Data File : BG017463.D
Acq On : 5 Jun 2015 5:59
Operator : TP/IZ
Sample : G2486-01
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : STORM-WATER

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

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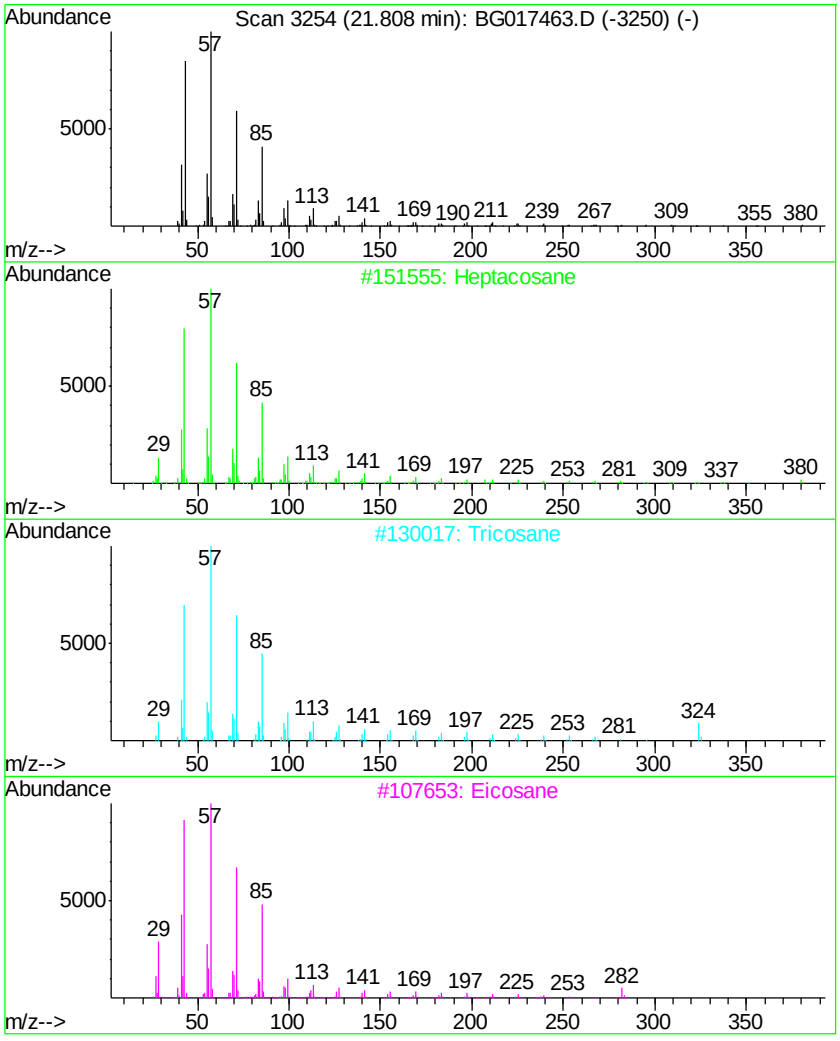
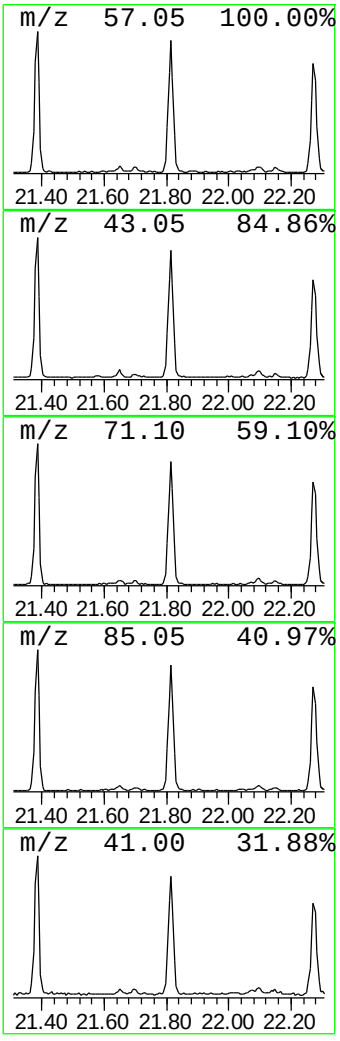
Peak Number 7 Heptacosane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.81	39.47 ng	754042	Chrysene-d12	21.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptacosane	380	C27H56	000593-49-7	99
2	Tricosane	324	C23H48	000638-67-5	97
3	Eicosane	282	C20H42	000112-95-8	96
4	Octadecane, 2-methyl-	268	C19H40	001560-88-9	93
5	Tridecane, 6-propyl-	226	C16H34	055045-10-8	93





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG060415\
Data File : BG017463.D
Acq On : 5 Jun 2015 5:59
Operator : TP/IZ
Sample : G2486-01
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : STORM-WATER

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

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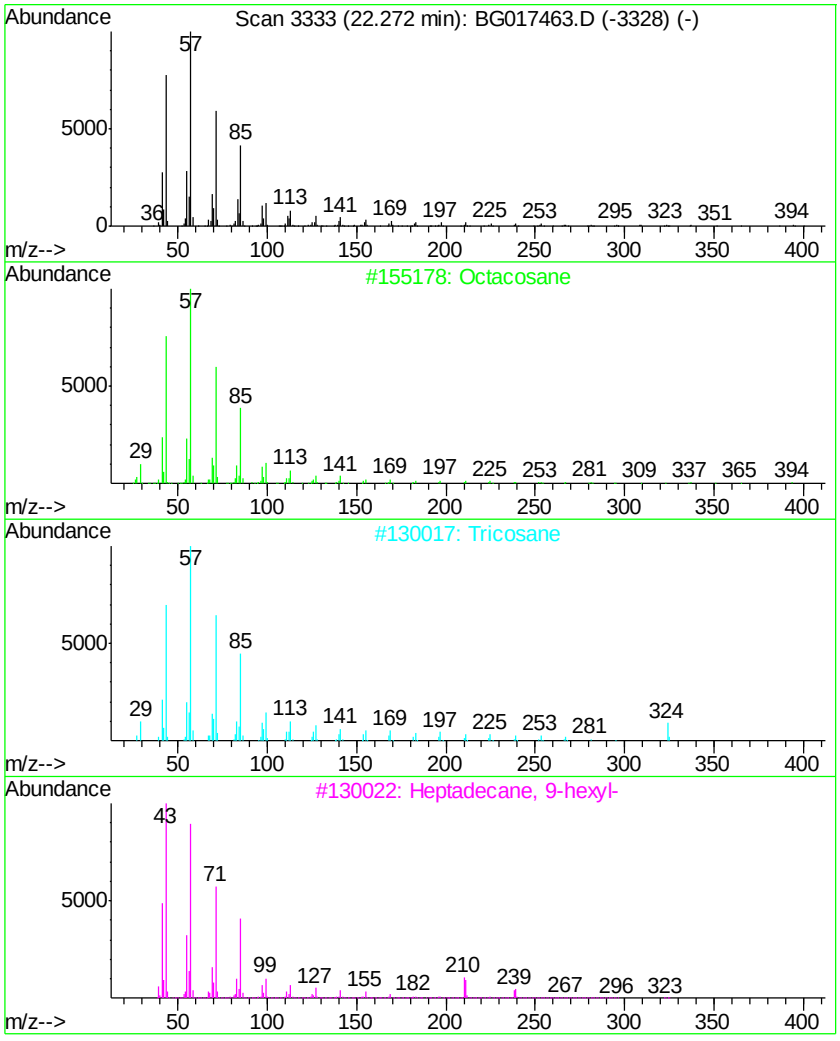
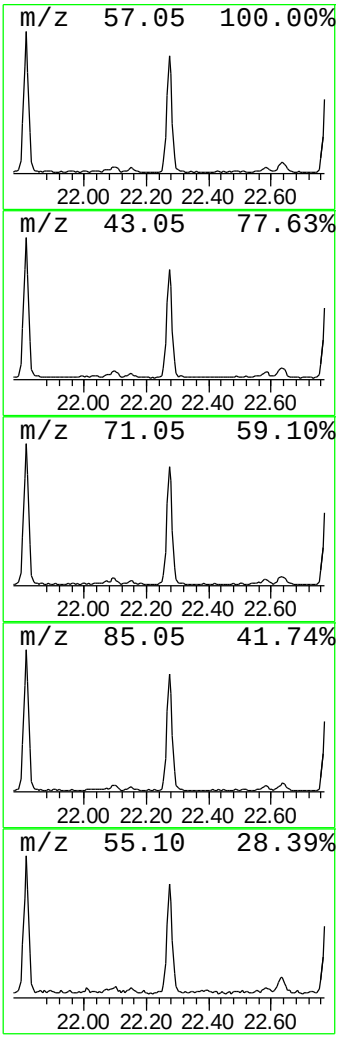
Peak Number 8 Octacosane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.27	34.89 ng	666622	Chrysene-d12	21.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octacosane	394	C28H58	000630-02-4	99
2	Tricosane	324	C23H48	000638-67-5	95
3	Heptadecane, 9-hexyl-	324	C23H48	055124-79-3	95
4	Nonacosane	408	C29H60	000630-03-5	91
5	Heptacosane	380	C27H56	000593-49-7	91





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG060415\
Data File : BG017463.D
Acq On : 5 Jun 2015 5:59
Operator : TP/IZ
Sample : G2486-01
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : STORM-WATER

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

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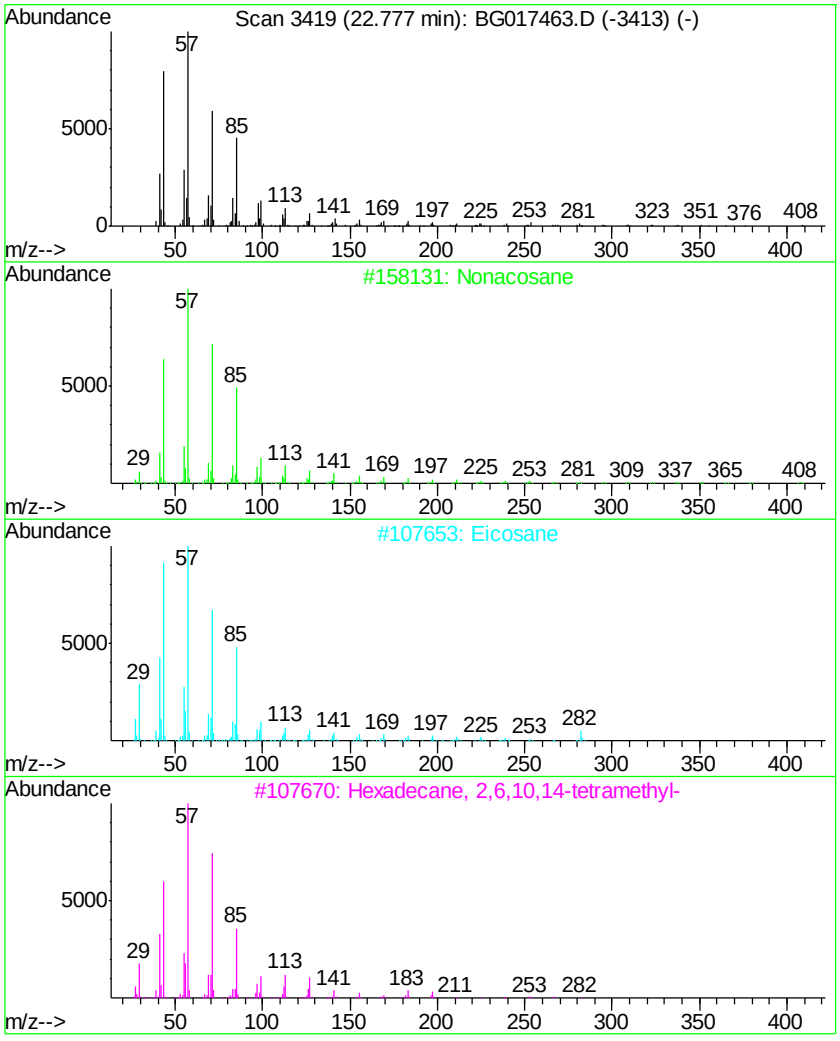
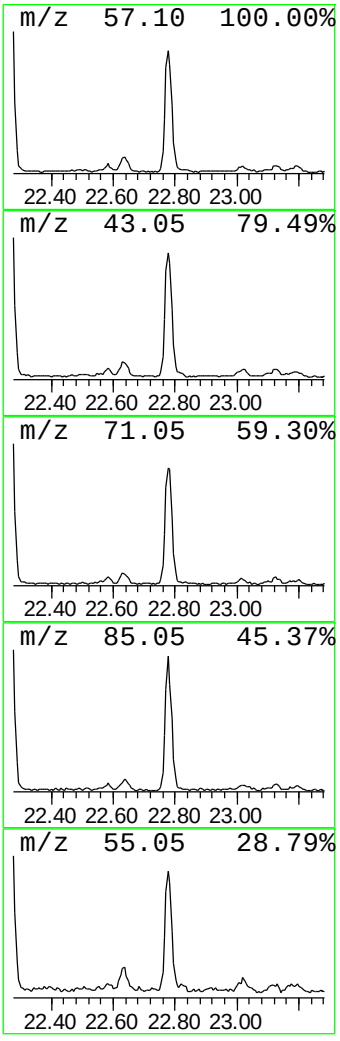
Peak Number 9 Nonacosane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.78	36.49 ng	608274	Perylene-d12	23.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonacosane	408	C29H60	000630-03-5	99
2	Eicosane	282	C20H42	000112-95-8	95
3	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	93
4	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	93
5	Heptacosane	380	C27H56	000593-49-7	91





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG060415\
Data File : BG017463.D
Acq On : 5 Jun 2015 5:59
Operator : TP/IZ
Sample : G2486-01
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : STORM-WATER

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

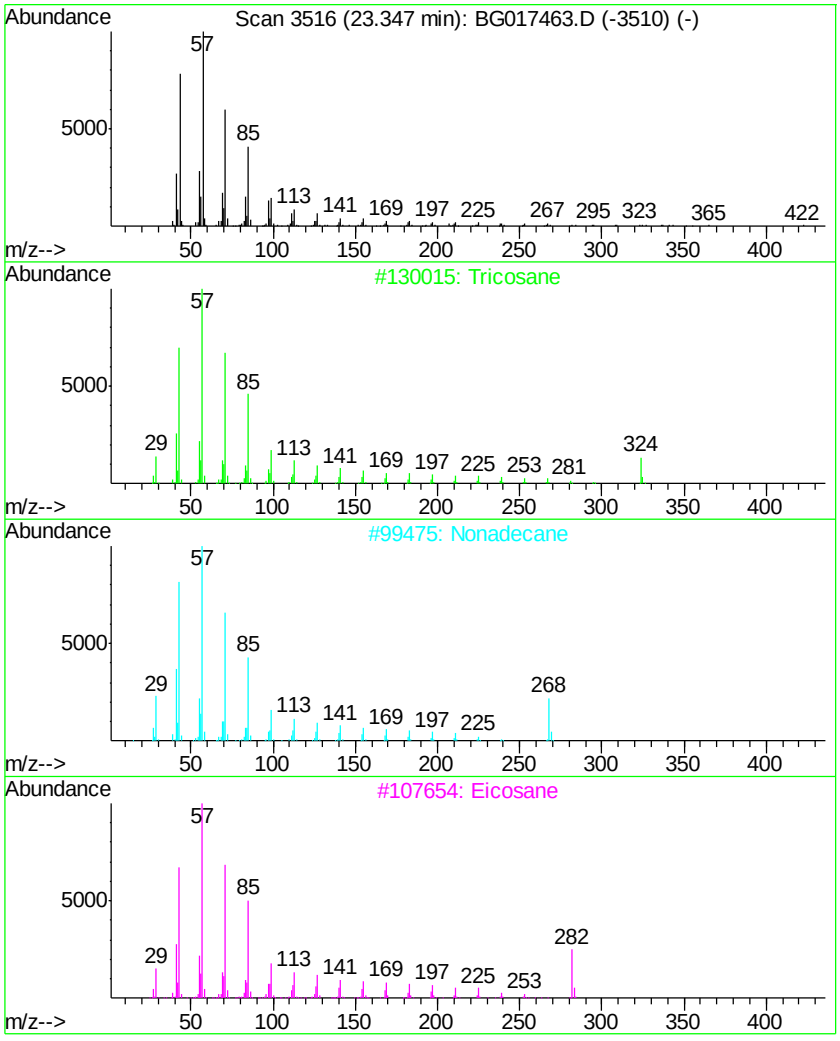
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

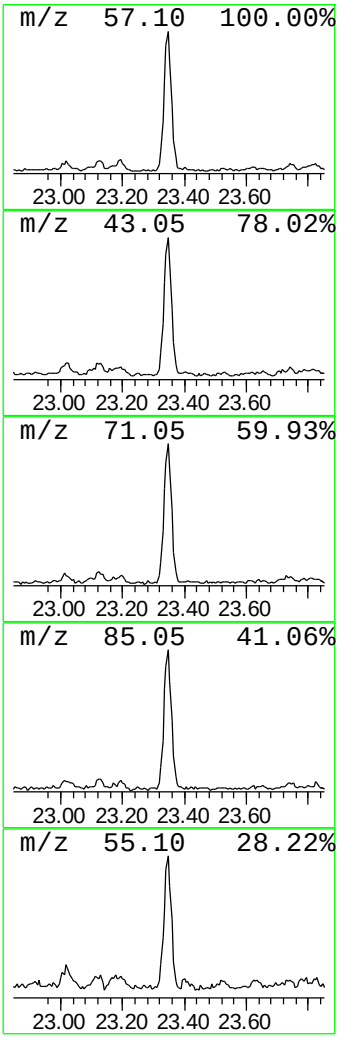
****

Peak Number 10 Tricosane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.35	27.47 ng	457860	Perylene-d12	23.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tricosane	324	C23H48	000638-67-5	97
2	Nonadecane	268	C19H40	000629-92-5	94
3	Eicosane	282	C20H42	000112-95-8	93
4	Heptacosane	380	C27H56	000593-49-7	90
5	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	90





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG060415\
Data File : BG017463.D
Acq On : 5 Jun 2015 5:59
Operator : TP/IZ
Sample : G2486-01
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : STORM-WATER

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
Butane, 2-methoxy...	2.77	58.6	ng	310040	1	7.62	105764	20.0
unknown7.17	7.17	48.7	ng	257711	1	7.62	105764	20.0
Tetracosane	20.49	28.0	ng	534142	5	21.23	382118	20.0
Nonadecane	20.95	39.3	ng	750369	5	21.23	382118	20.0
Hexacosane	21.38	38.3	ng	732448	5	21.23	382118	20.0
Heptacosane	21.81	39.5	ng	754042	5	21.23	382118	20.0
Octacosane	22.27	34.9	ng	666622	5	21.23	382118	20.0
Nonacosane	22.78	36.5	ng	608274	6	23.46	333375	20.0
Tricosane	23.35	27.5	ng	457860	6	23.46	333375	20.0