LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG071616\
Data File : BG023154.D
Acq On : 16 Jul 2016 19:44
Operator : UM/SJ
Sample : H4021-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SKEARNY1

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-BG070816.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	3.045	29	35	52	rVB	3349432	5440442	78.53%	7.123%
2	5.224	401	406	417	rVB	264302	437762	6.32%	0.573%
3	5.700	480	487	497	rBV	1917053	3133711	45.24%	4.103%
4	7.310	751	761	770	rBV	2145318	3851431	55.60%	5.042%
5	7.680	815	824	834	rBV	2039530	3633176	52.45%	4.757%
6	8.150	897	904	912	rVB	638198	1076904	15.55%	1.410%
7	8.479	952	960	968	rVB	1473638	2635819	38.05%	3.451%
8	9.326	1096	1104	1114	rBV	1358646	2489886	35.94%	3.260%
9	9.425	1114	1121	1126	rBV2	48172	71782	1.04%	0.094%
10	10.977	1377	1385	1395	rBV	869590	1643652	23.73%	2.152%
11	13.415	1790	1800	1809	rBV	3175395	5164342	74.55%	6.761%
12	14.114	1915	1919	1925	rBV5	50408	72584	1.05%	0.095%
13	14.237	1934	1940	1946	rBV	940448	1383742	19.97%	1.812%
14	14.801	2028	2036	2042	rBV2	1324134	2223063	32.09%	2.910%
15	15.036	2072	2076	2080	rBV6	58057	92848	1.34%	0.122%
16	16.241	2275	2281	2283	rBV7	43924	89809	1.30%	0.118%
17	16.294	2283	2290	2297	rVV	2571074	4092611	59.08%	5.358%
18	16.476	2318	2321	2324	rBV4	50832	73244	1.06%	0.096%
19	16.922	2394	2397	2404	rVB8	69398	129827	1.87%	0.170%
20	17.275	2454	2457	2465	rBV9	55595	90493	1.31%	0.118%
21	17.422	2475	2482	2489	rBV7	127661	254156	3.67%	0.333%
22	17.487	2489	2493	2498	rVV6	80725	117109	1.69%	0.153%
23	17.551	2498	2504	2510	rVV2	1480672	2418783	34.92%	3.167%
24	17.610	2510	2514	2518	rVB2	189436	318002	4.59%	0.416%
25	18.156	2603	2607	2611	rBV5	111932	169523	2.45%	0.222%
26	18.309	2628	2633	2637	rBV3	154274	257376	3.72%	0.337%
27	18.368	2639	2643	2648	rVV	239518	360263	5.20%	0.472%
28	18.421	2648	2652	2660	rVV	1139911	1522855	21.98%	1.994%
29	18.715	2698	2702	2704	rBV5	56940	93882	1.36%	0.123%
30	18.756	2705	2709	2715	rVB7	173727	298550	4.31%	0.391%
31	19.355	2805	2811	2815	rBV7	114219	226815	3.27%	0.297%
32	19.431	2820	2824	2832	rBV	950303	1453152	20.98%	1.902%
33	19.543	2839	2843	2845	rBV2	332360	443899	6.41%	0.581%
34	19.572	2846	2848	2850	rVV3	356955	472461	6.82%	0.619%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG071616\
Data File : BG023154.D
Acq On : 16 Jul 2016 19:44
Operator : UM/SJ
Sample : H4021-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SKEARNY1

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-BG070816.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	19.596	2850	2852	2863	rVB	470866	838678	12.11%	1.098%
36	19.684	2864	2867	2873	rVV	314753	405465	5.85%	0.531%
37	19.890	2899	2902	2907	rVB5	152470	169625	2.45%	0.222%
38	19.966	2911	2915	2922	rVB	369547	630476	9.10%	0.825%
39	20.154	2941	2947	2953	rBV	4485099	5997442	86.58%	7.852%
40	20.730	3041	3045	3050	rBV4	424588	824468	11.90%	1.079%
41	20.794	3053	3056	3062	rVB2	616901	906243	13.08%	1.186%
42	20.888	3070	3072	3077	rVB	338767	416674	6.01%	0.546%
43	21.123	3110	3112	3118	rVB7	100555	158980	2.29%	0.208%
44	21.464	3166	3170	3175	rBV2	265163	439277	6.34%	0.575%
45	21.676	3202	3206	3210	rBV	200284	359991	5.20%	0.471%
46	21.858	3231	3237	3243	rBV2	1472043	2487600	35.91%	3.257%
47	22.657	3369	3373	3377	rBV2	224290	336068	4.85%	0.440%
48	23.579	3525	3530	3539	rVB	789189	1670611	24.12%	2.187%
49	24.226	3634	3640	3649	rVB	1095409	2531526	36.54%	3.314%
50	25.230	3804	3811	3823	rVB3	670793	2126622	30.70%	2.784%
51	26.405	4003	4011	4022	rVB2	997954	2921639	42.17%	3.825%
52	30.824	4750	4763	4778	rBV9	1168844	6927422	100.00%	9.069%

Sum of corrected areas: 76382761

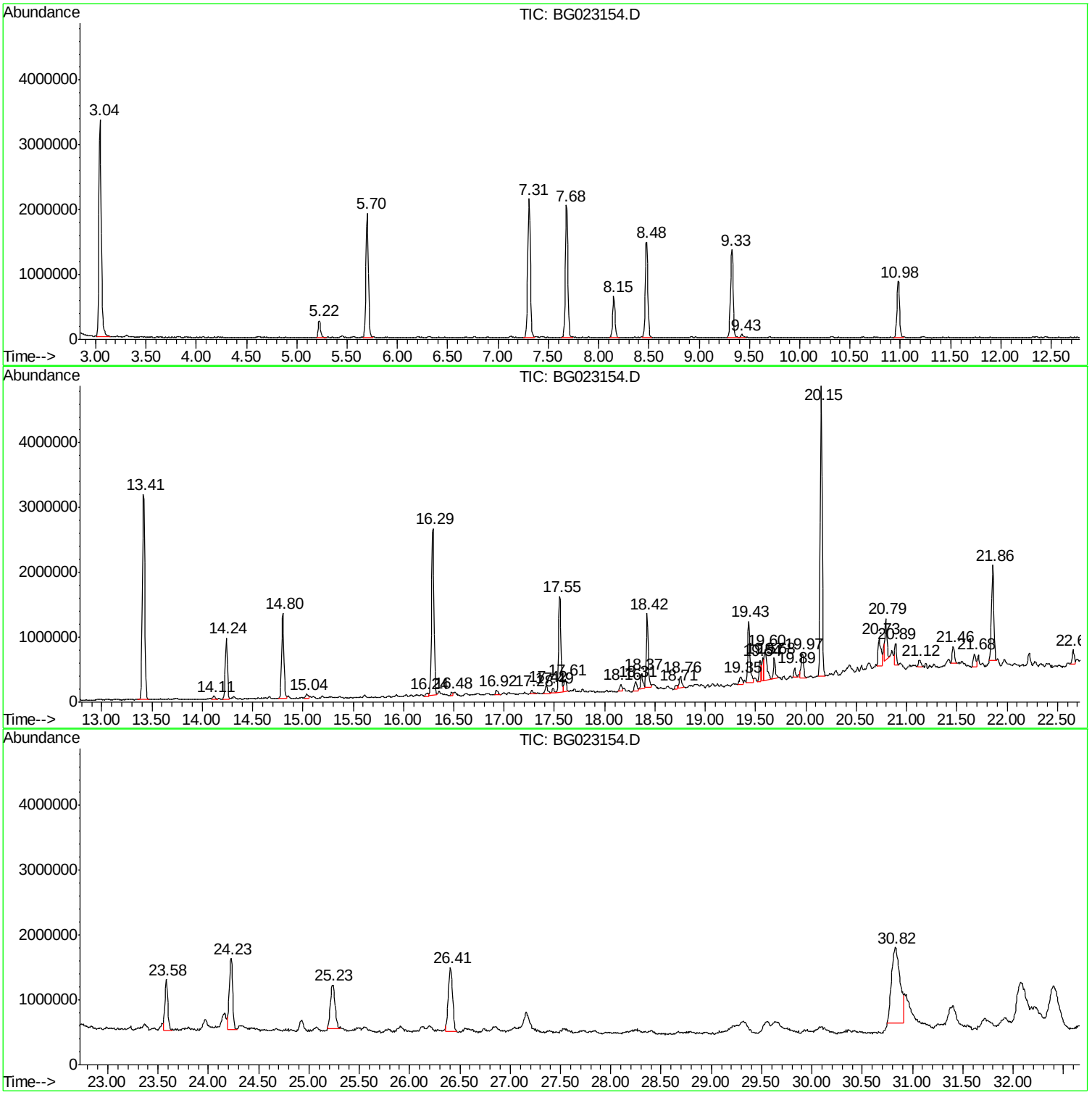
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG071616\
Data File : BG023154.D
Acq On : 16 Jul 2016 19:44
Operator : UM/SJ
Sample : H4021-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SKEARNY1

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG070816.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG071616\
Data File : BG023154.D
Acq On : 16 Jul 2016 19:44
Operator : UM/SJ
Sample : H4021-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SKEARNY1

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG070816.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

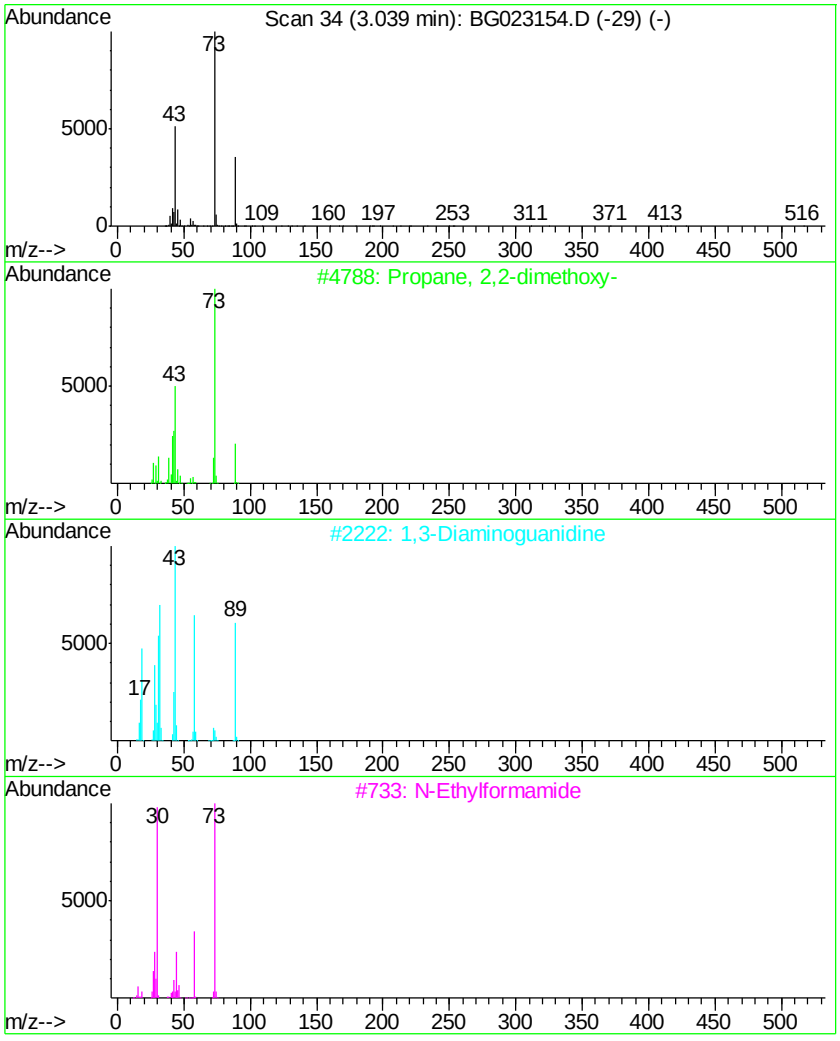
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

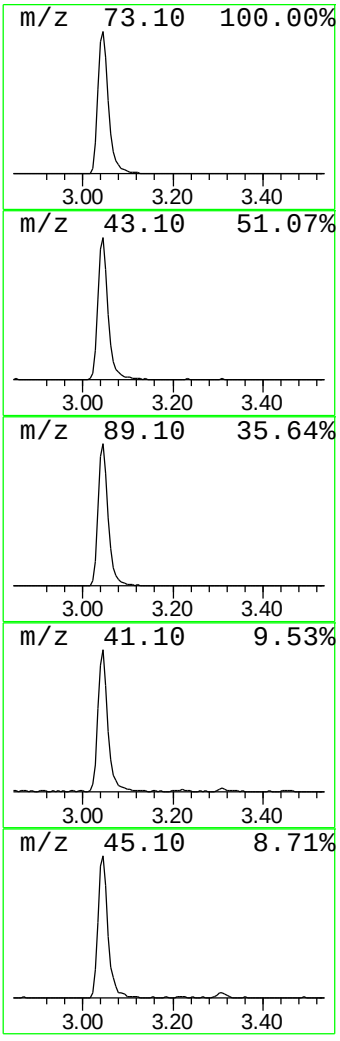
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.04	101.04 ng	5440440	1,4-Dichlorobenzene-d4	8.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propane, 2,2-dimethoxy-	104	C5H12O2	000077-76-9	56
2	1,3-Diaminoguanidine	89	CH7N5	004364-78-7	9
3	N-Ethylformamide	73	C3H7NO	000627-45-2	9
4	1-Propanol, 2-methyl-	74	C4H10O	000078-83-1	9
5	1,3-Dioxolane, 2-(3-bromo-5,5,5-...	352	C10H16BrCl3O2	1000115-31-4	9





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG071616\
Data File : BG023154.D
Acq On : 16 Jul 2016 19:44
Operator : UM/SJ
Sample : H4021-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SKEARNY1

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG070816.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

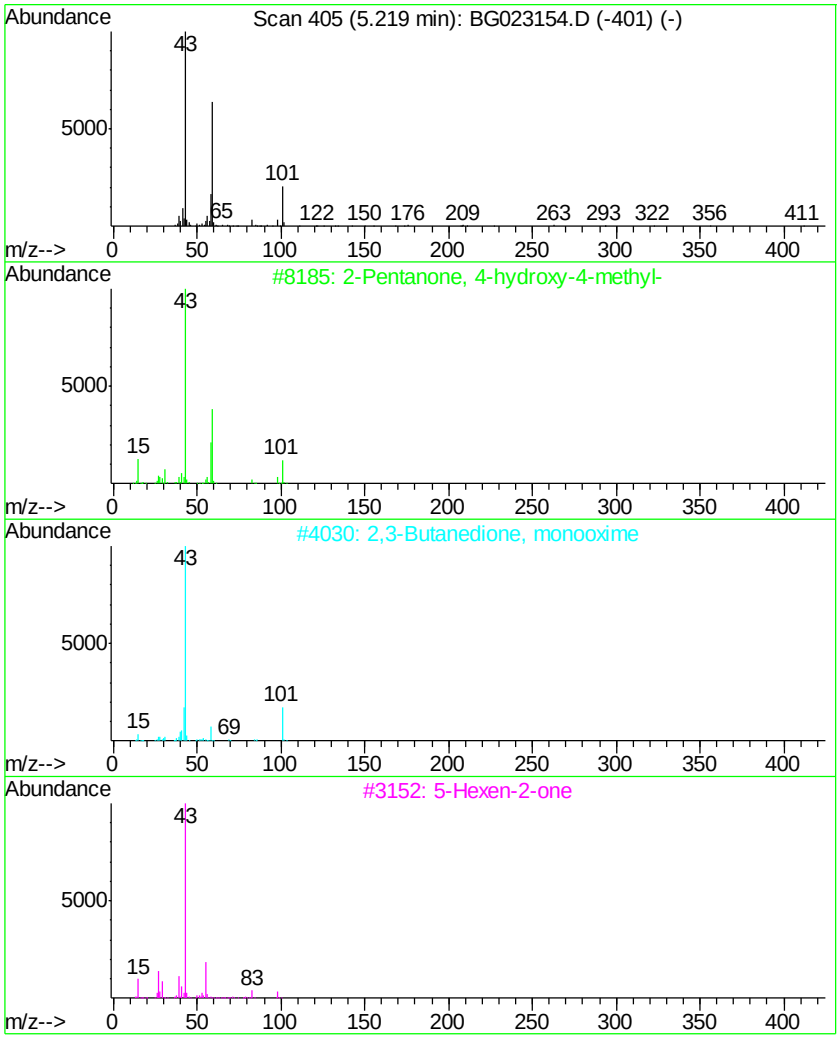
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

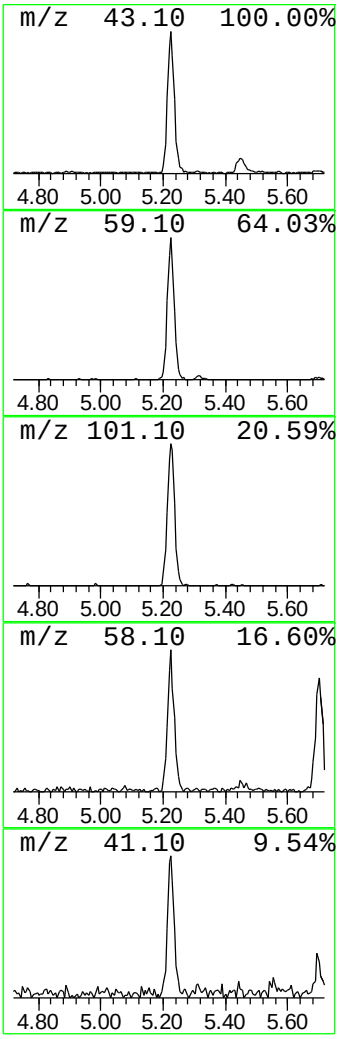
****

Peak Number 2 unknown5.22 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.22	8.13 ng	437762	1,4-Dichlorobenzene-d4	8.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	47
2	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	25
3	5-Hexen-2-one	98	C6H10O	000109-49-9	9
4	3-Hexanol	102	C6H14O	000623-37-0	9
5	Cycloserine	102	C3H6N2O2	000068-41-7	9





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG071616\
Data File : BG023154.D
Acq On : 16 Jul 2016 19:44
Operator : UM/SJ
Sample : H4021-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SKEARNY1

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG070816.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

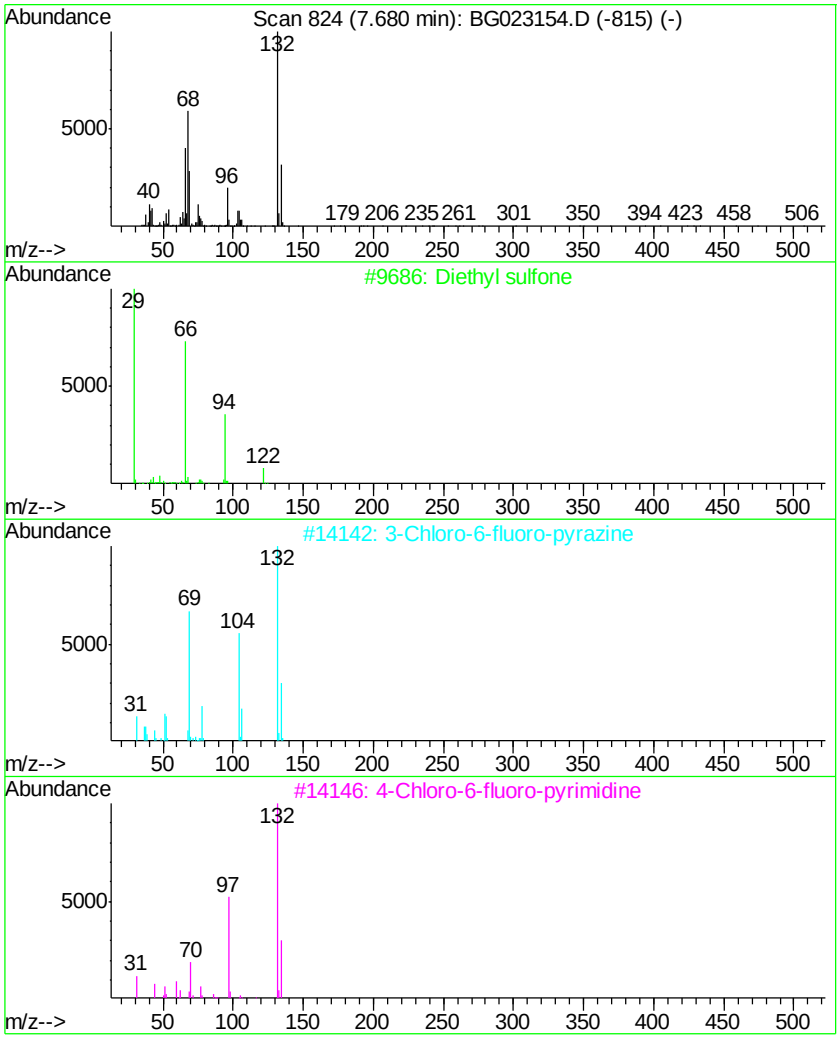
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

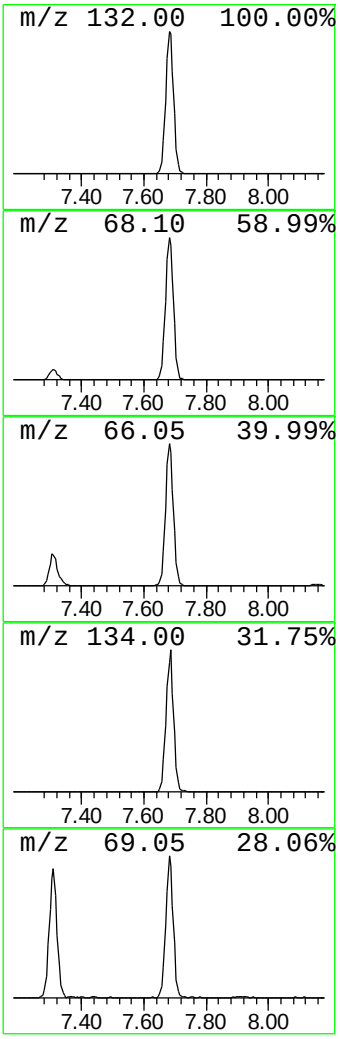
****

Peak Number 3 unknown7.68 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.68	67.47 ng	3633180	1,4-Dichlorobenzene-d4	8.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Diethyl sulfone	122	C4H10O2S	000597-35-3	17
2	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	14
3	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	14
4	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	14
5	2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	10





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG071616\
Data File : BG023154.D
Acq On : 16 Jul 2016 19:44
Operator : UM/SJ
Sample : H4021-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SKEARNY1

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG070816.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

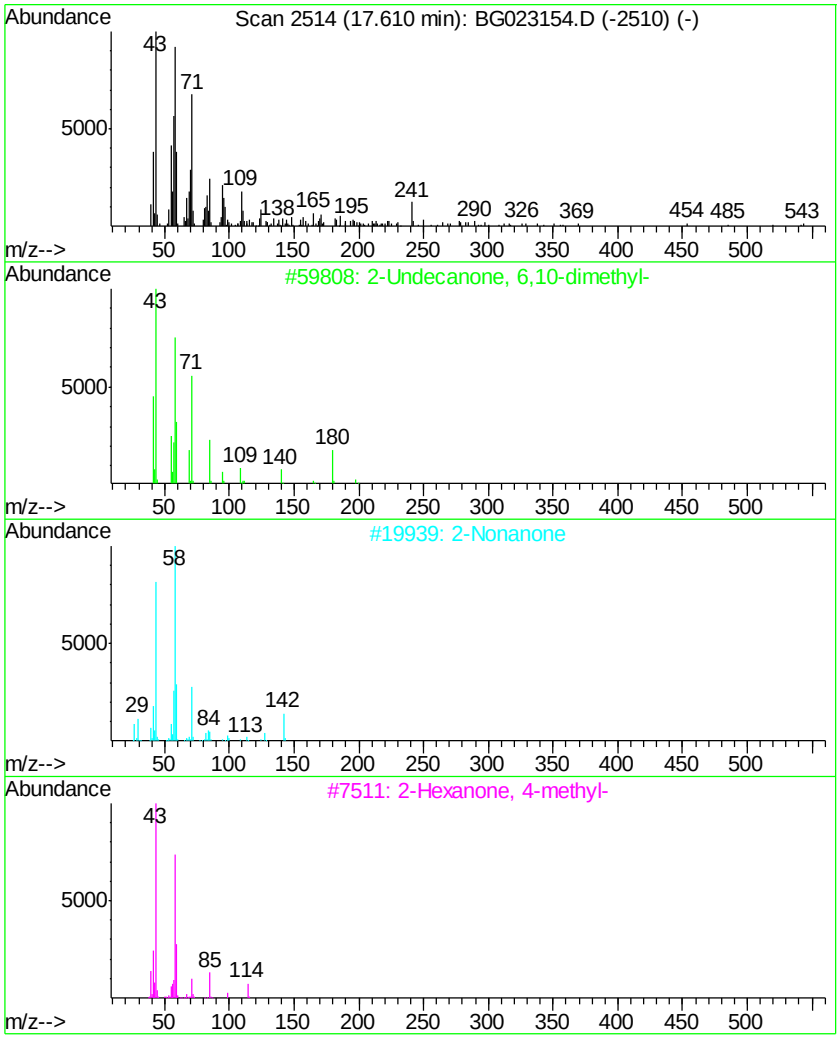
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

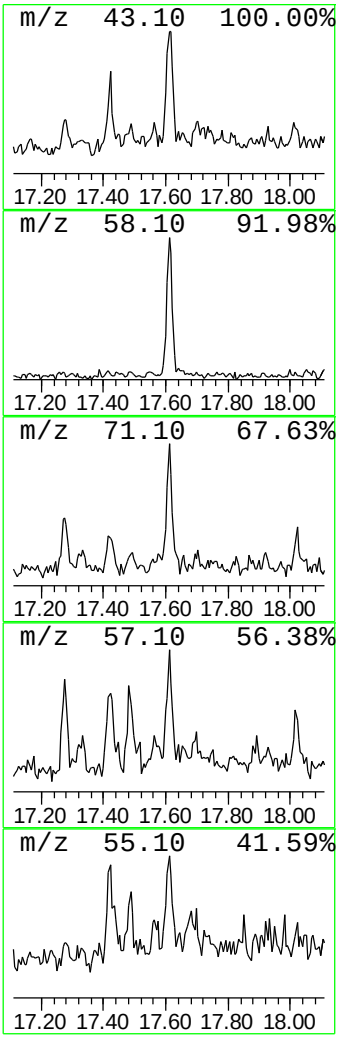
****

Peak Number 5 2-Undecanone, 6,10-dimethyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.61	2.63 ng	318002	Phenanthrene-d10	17.55

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Undecanone, 6,10-dimethyl-	198	C13H26O	001604-34-8	72
2	2-Nonanone	142	C9H18O	000821-55-6	50
3	2-Hexanone, 4-methyl-	114	C7H14O	000105-42-0	50
4	O-Isopropyl S-2-dimethylaminoeth...	239	C9H22NO2PS	162085-92-9	43
5	6-Methyl-2-tridecanone	212	C14H28O	073105-73-4	43





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Data File : BG023154.D
Acq On : 16 Jul 2016 19:44
Operator : UM/SJ
Sample : H4021-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SKEARNY1

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG070816.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

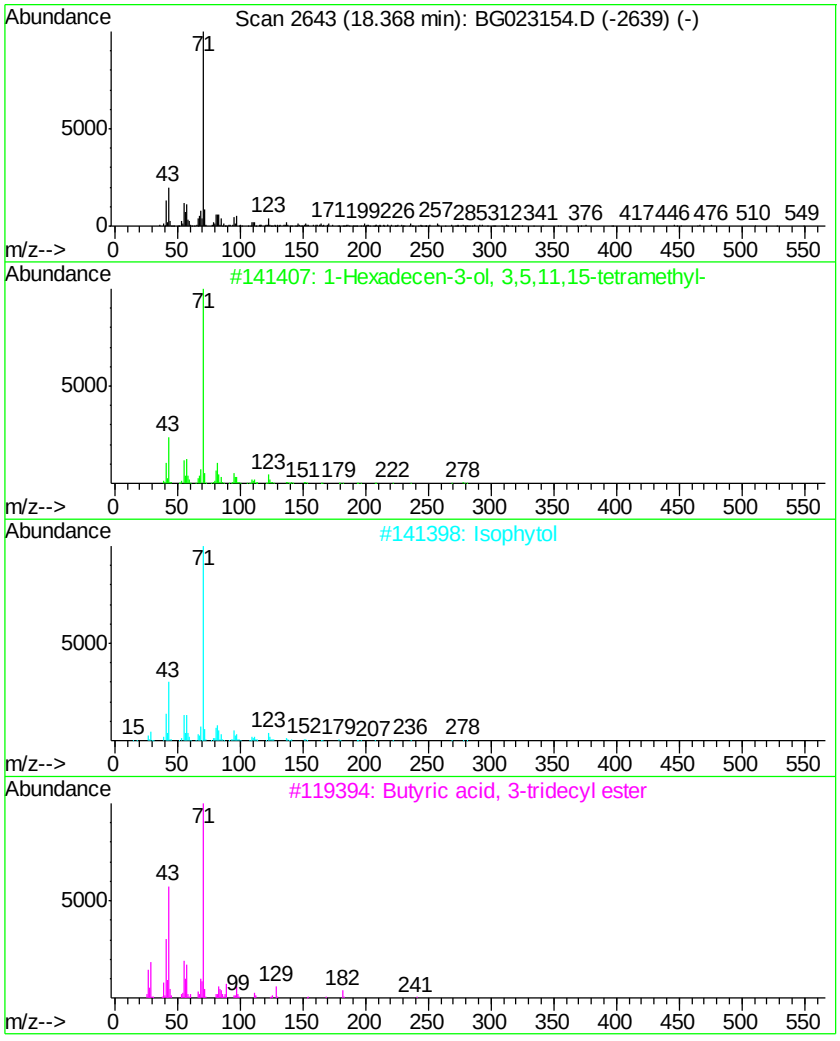
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

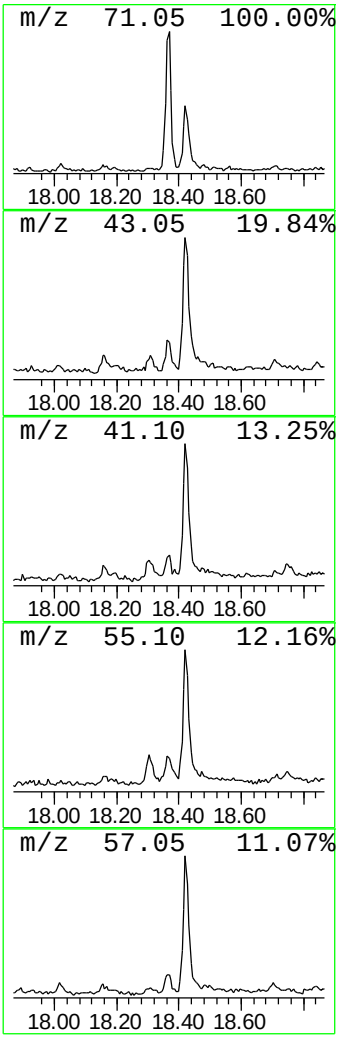
****

Peak Number 6 1-Hexadecen-3-ol, 3,5,11,15... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.37	2.98 ng	360263	Phenanthrene-d10	17.55

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Hexadecen-3-ol, 3,5,11,15-tetr...	296	C20H40O	1000262-55-5	74
2	Isophytol	296	C20H40O	000505-32-8	74
3	Butyric acid, 3-tridecyl ester	270	C17H34O2	1000280-56-8	59
4	3-Methoxyhex-1-ene	114	C7H14O	108811-41-2	59
5	Pantolactone	130	C6H10O3	000599-04-2	59





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG071616\
Data File : BG023154.D
Acq On : 16 Jul 2016 19:44
Operator : UM/SJ
Sample : H4021-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SKEARNY1

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG070816.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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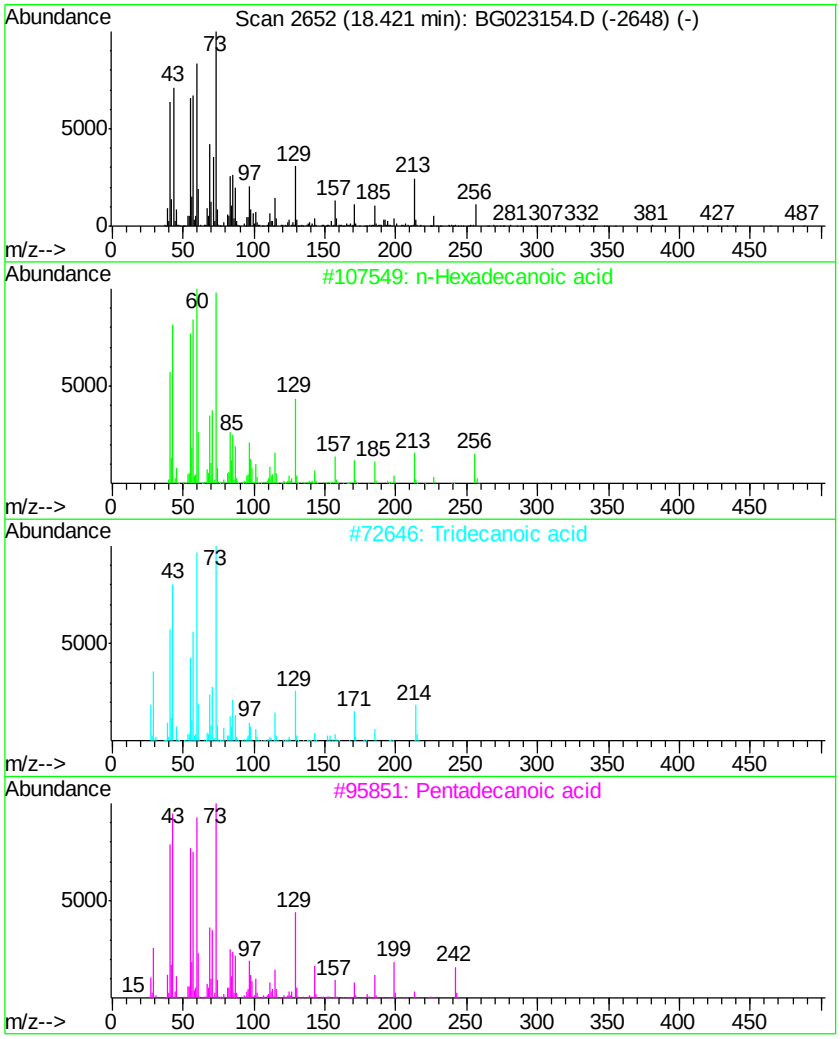
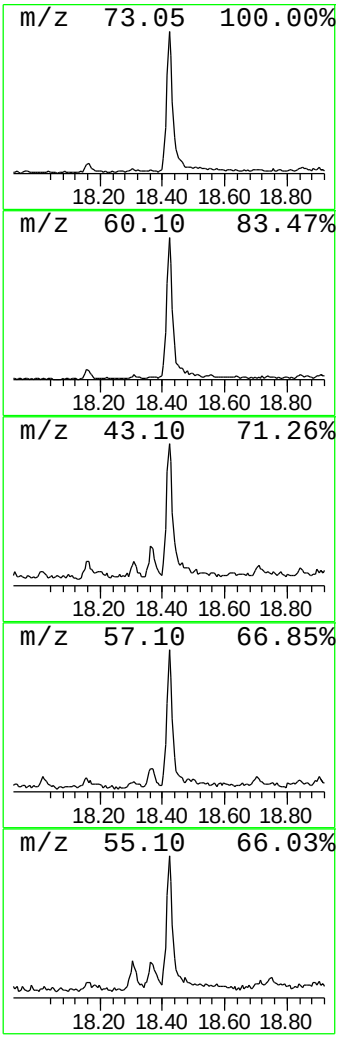
Peak Number 7 n-Hexadecanoic acid Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.42	12.59 ng	1522860	Phenanthrene-d10	17.55

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2	Tridecanoic acid	214	C13H26O2	000638-53-9	86
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	70
4	Dodecanoic acid	200	C12H24O2	000143-07-7	62
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	59





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG071616\
Data File : BG023154.D
Acq On : 16 Jul 2016 19:44
Operator : UM/SJ
Sample : H4021-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SKEARNY1

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG070816.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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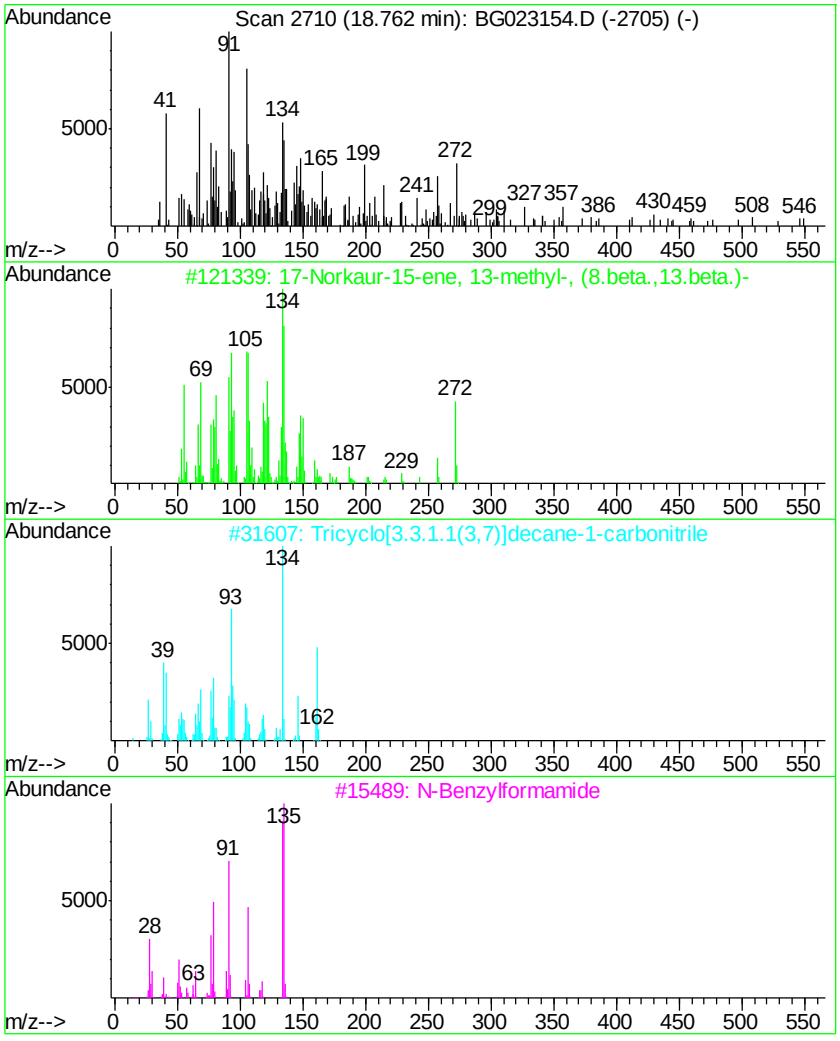
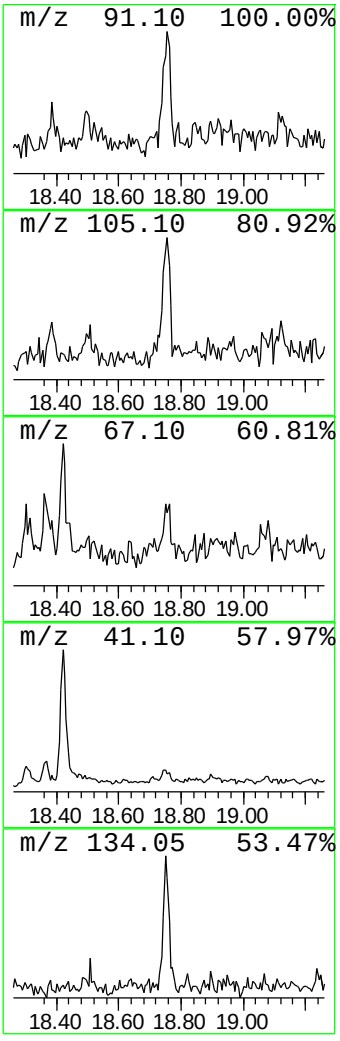
Peak Number 8 17-Norkaur-15-ene, 13-methy... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.76	2.47 ng	298550	Phenanthrene-d10	17.55

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	17-Norkaur-15-ene, 13-methyl-, (...	272	C20H32	003564-54-3	58
2	Tricyclo[3.3.1.1(3,7)]decane-1-c...	161	C11H15N	023074-42-2	35
3	N-Benzylformamide	135	C8H9NO	006343-54-0	30
4	Tetracyclo[3.3.1.1(1,8).0(2,4)]d...	134	C10H14	1000185-58-7	25
5	2-Allylphenol	134	C9H10O	001745-81-9	25





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG071616\
Data File : BG023154.D
Acq On : 16 Jul 2016 19:44
Operator : UM/SJ
Sample : H4021-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SKEARNY1

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG070816.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

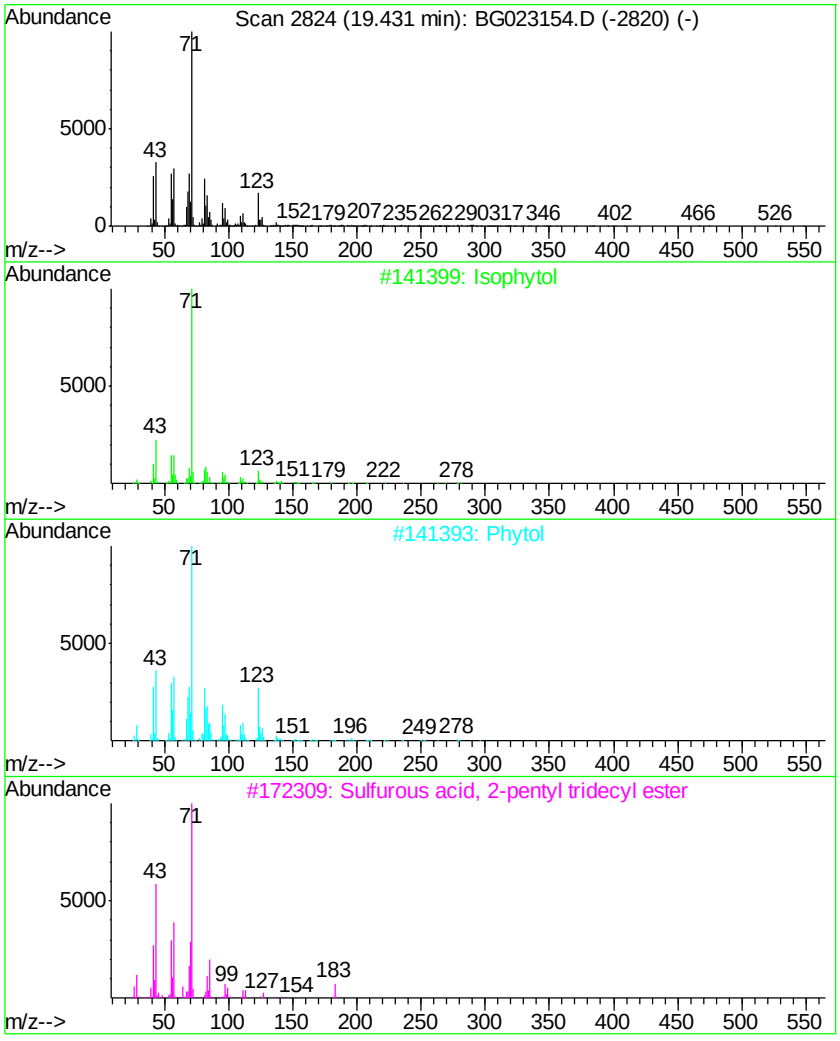
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

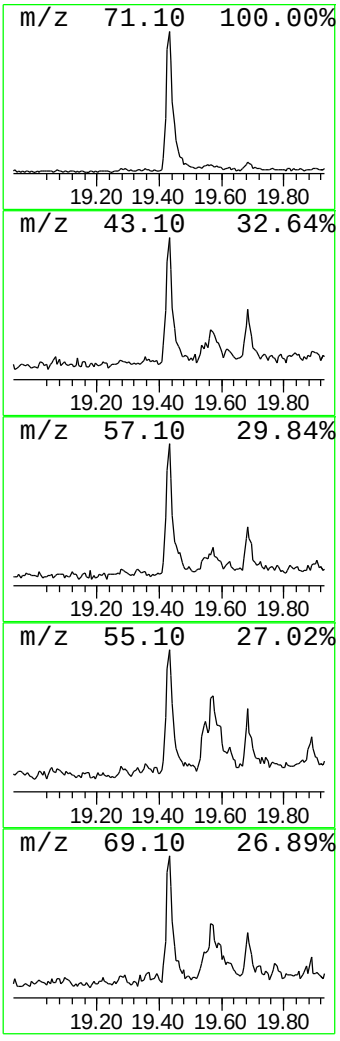
****

Peak Number 9 Isophytol Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.43	12.02 ng	1453150	Phenanthrene-d10	17.55

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Isophytol	296	C20H40O	000505-32-8	78
2	Phytol	296	C20H40O	000150-86-7	58
3	Sulfurous acid, 2-pentyl tridecy...	334	C18H38O3S	1000309-16-2	53
4	Sulfurous acid, hexadecyl 2-pent...	376	C21H44O3S	1000309-16-5	53
5	Butyric acid, 2-pentadecyl ester	298	C19H38O2	107853-73-6	53





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Acq On : 16 Jul 2016 19:44
Operator : UM/SJ
Sample : H4021-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SKEARNY1

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG070816.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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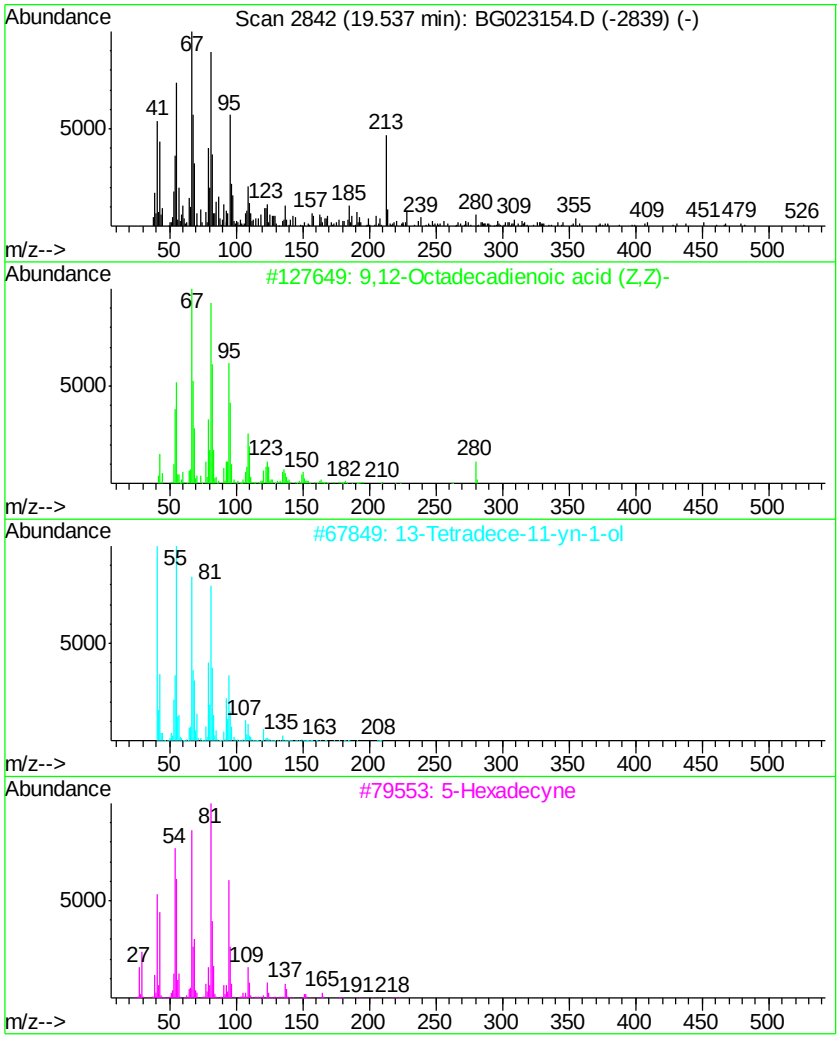
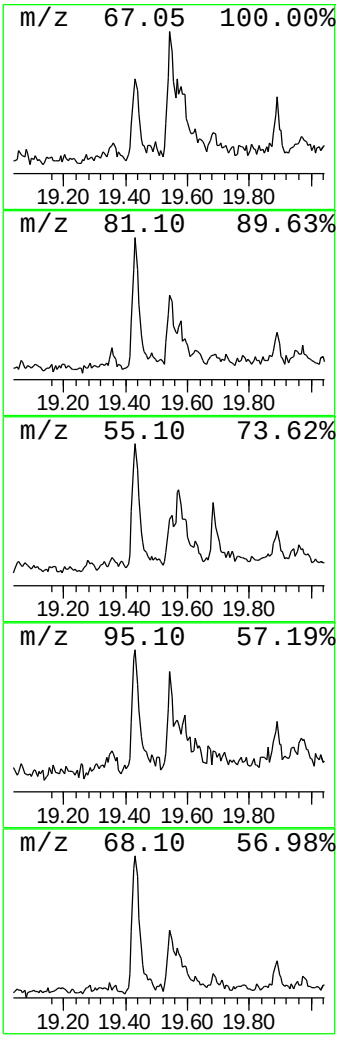
Peak Number 10 9,12-Octadecadienoic acid (... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.54	3.67 ng	443899	Phenanthrene-d10	17.55

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,12-Octadecadienoic acid (Z,Z)-	280	C18H32O2	000060-33-3	86
2	13-Tetradece-11-yn-1-ol	208	C14H24O	1000131-00-4	64
3	5-Hexadecyne	222	C16H30	071899-37-1	62
4	6-Dodecenol	184	C12H24O	052957-14-9	56
5	Bicyclo[4.1.0]heptane, 3-methyl-	110	C8H14	041977-47-3	49





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Sample : H4021-01
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Instrument : BNA_G
ClientSampleId : SKEARNY1

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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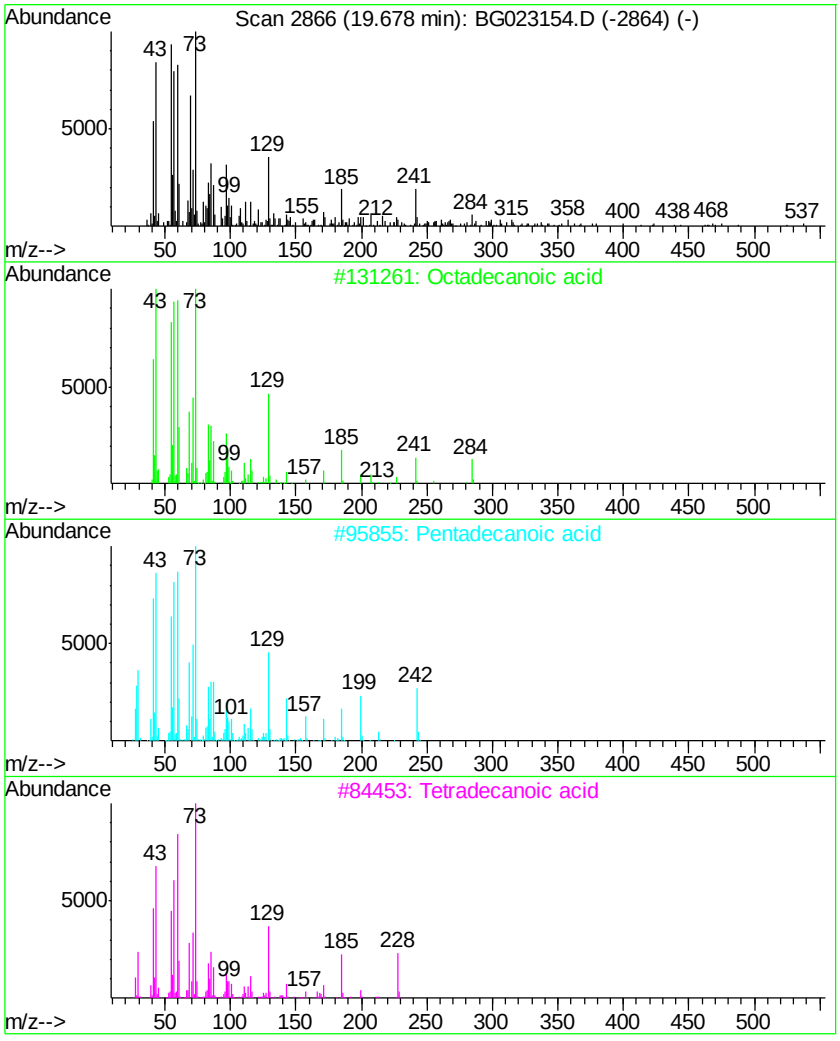
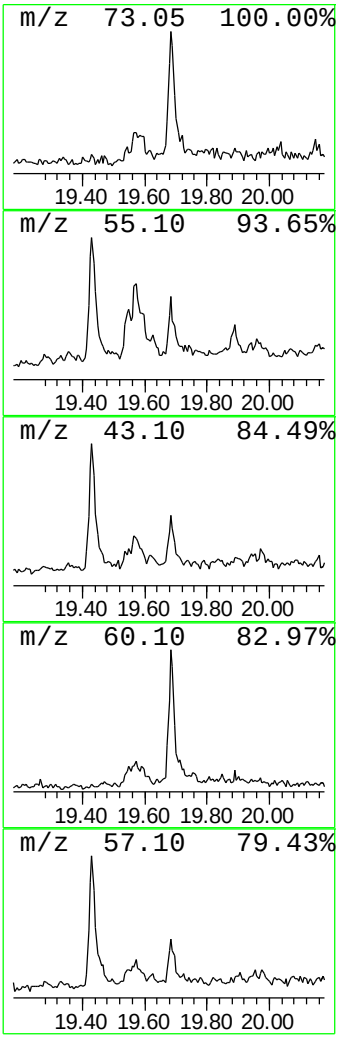
Peak Number 11 Octadecanoic acid Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.68	3.35 ng	405465	Phenanthrene-d10	17.55

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	92
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	89
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	81
4	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	76
5	n-Decanoic acid	172	C10H20O2	000334-48-5	64





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ClientSampleId : SKEARNY1

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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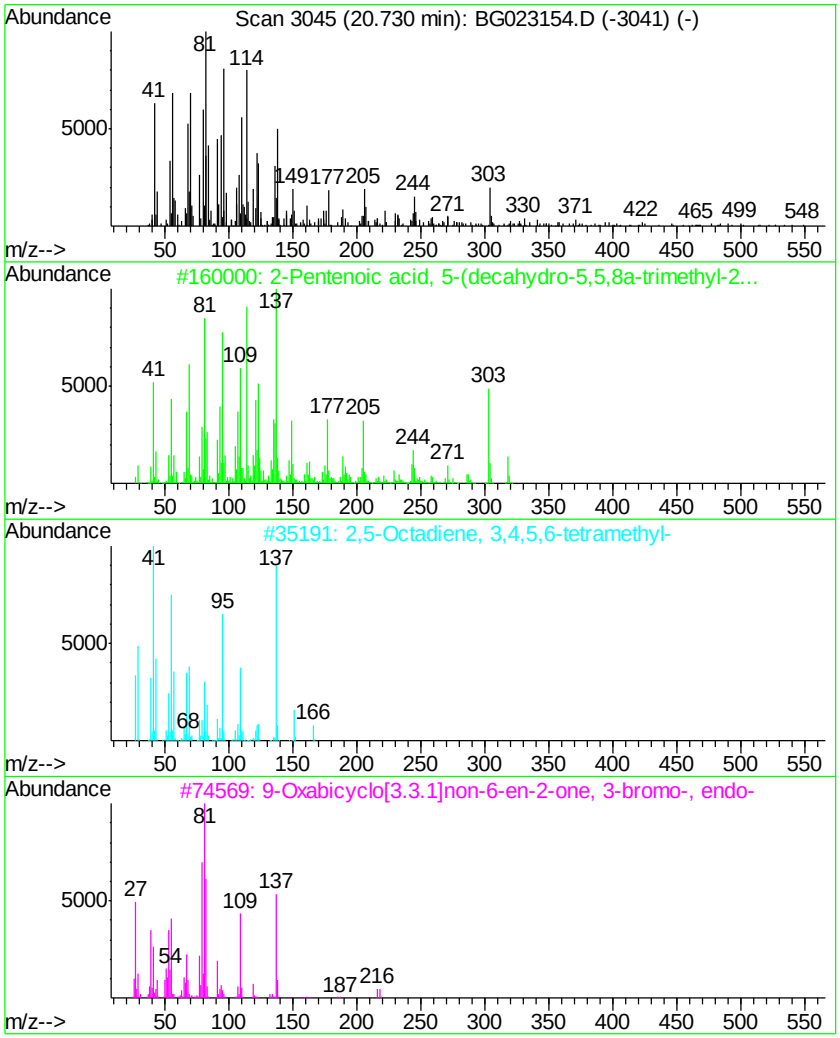
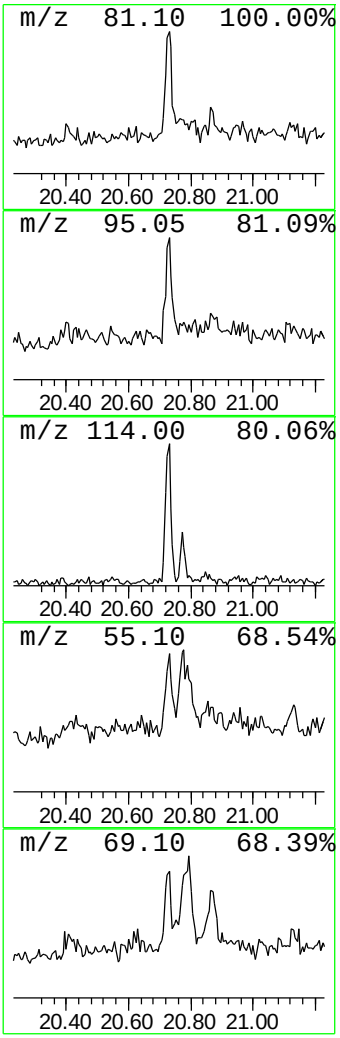
Peak Number 12 2-Pentenoic acid, 5-(decahy... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.73	6.63 ng	824468	Chrysene-d12	21.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentenoic acid, 5-(decahydro-5...	318	C21H34O2	017110-88-2	78
2	2,5-Octadiene, 3,4,5,6-tetramethyl-	166	C12H22	247797-85-9	27
3	9-Oxabicyclo[3.3.1]non-6-en-2-on...	216	C8H9BrO2	075568-50-2	22
4	1H-Pyrrole, 1-pentyl-	137	C9H15N	000699-22-9	14
5	2,6,10,14-Hexadecatetraenoic aci...	318	C21H34O2	042207-88-5	14





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ClientSampleId : SKEARNY1

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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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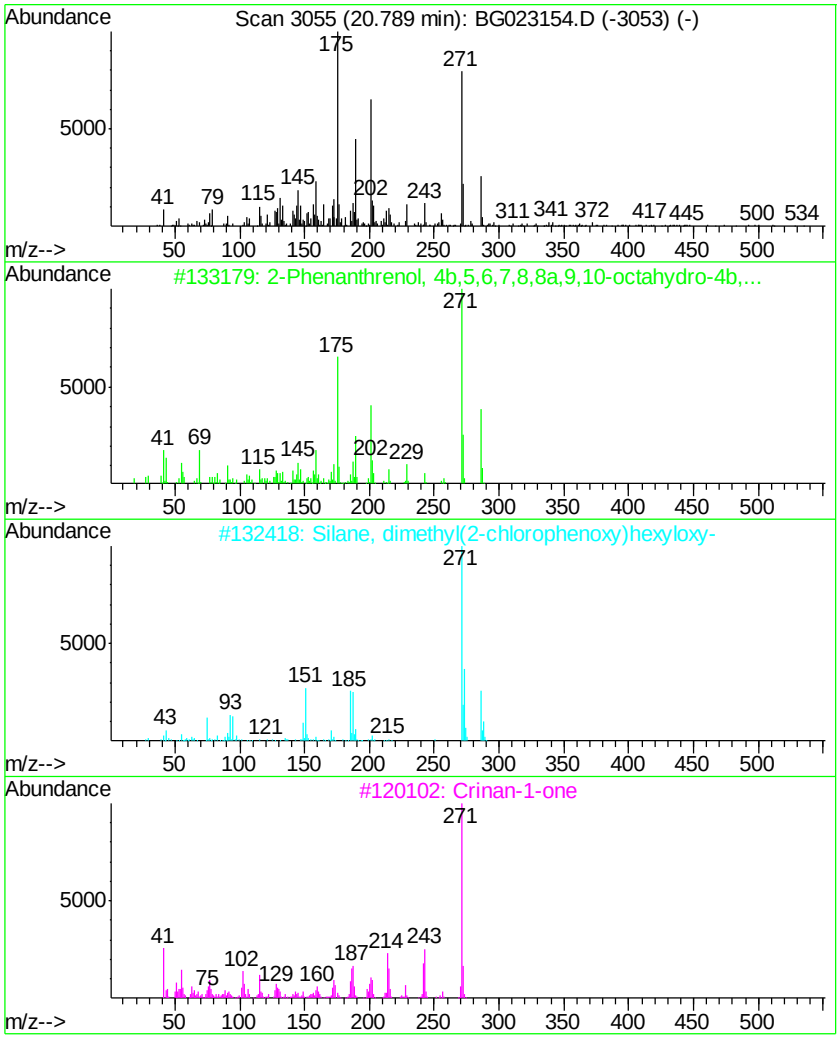
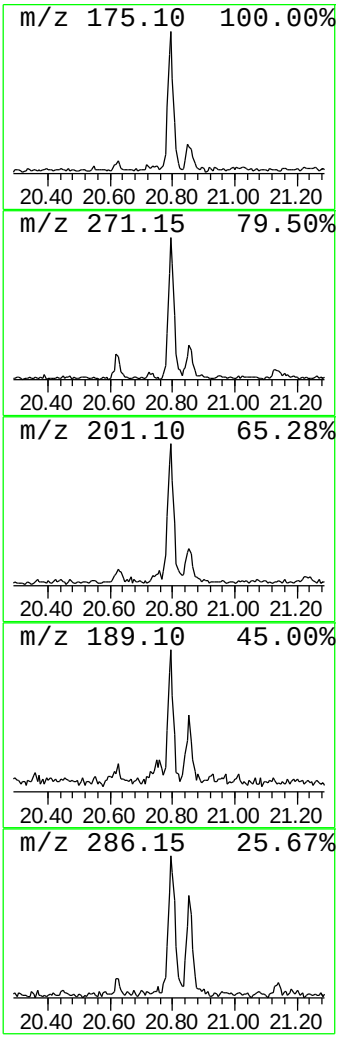
Peak Number 13 2-Phenanthrenol, 4b,5,6,7,8... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.79	7.29 ng	906243	Chrysene-d12	21.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Phenanthrenol, 4b,5,6,7,8,8a,9...	286	C20H30O	000511-15-9	95
2	Silane, dimethyl(2-chlorophenoxy...	286	C14H23ClO2Si	1000347-07-3	30
3	Crinan-1-one	271	C16H17NO3	098301-98-5	22
4	Crinan-1-ol, 2,3-didehydro-,(1.a...	271	C16H17NO3	1000111-31-3	22
5	Podocarpa-8,11,13-trien-17-oic a...	344	C22H32O3	024067-43-4	16





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TIC Library : C:\DATABASE\NIST11.L
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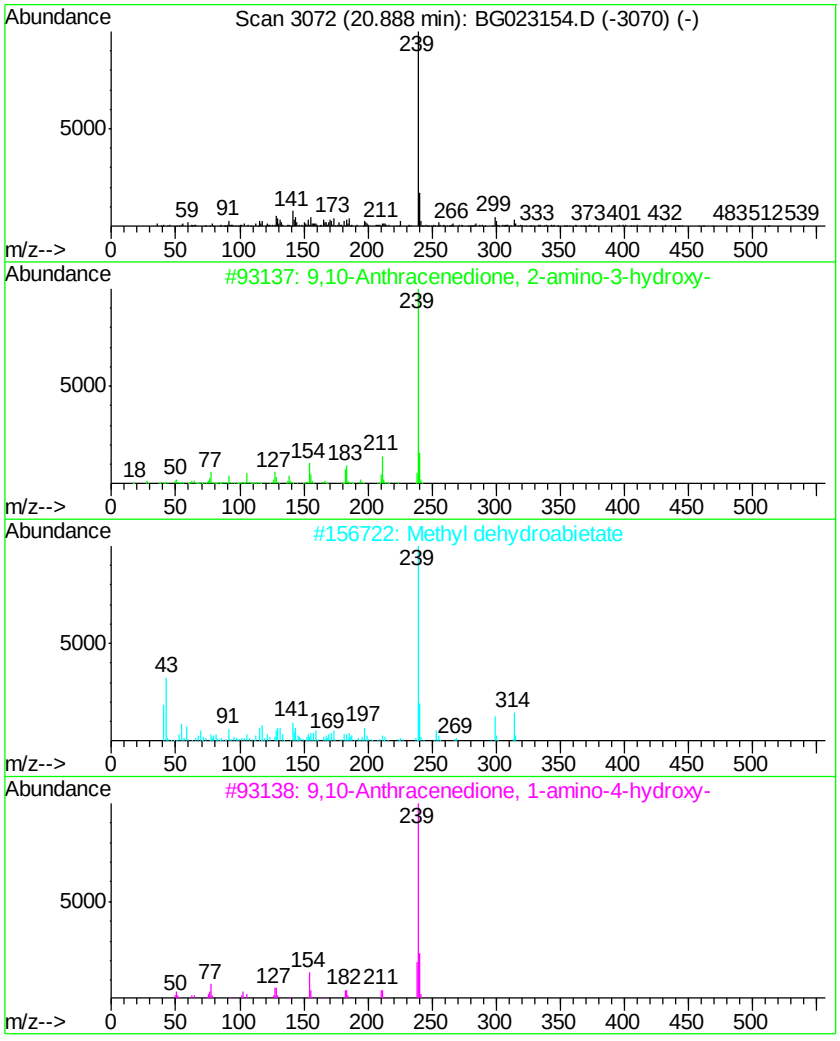
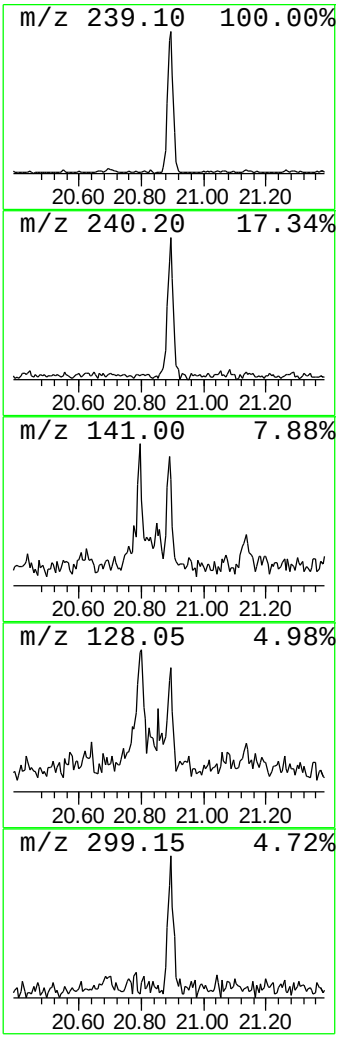
Peak Number 14 9,10-Anthracenedione, 2-ami... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.89	3.35 ng	416674	Chrysene-d12	21.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Anthracenedione, 2-amino-3-...	239	C14H9NO3	000117-77-1	72
2	Methyl dehydroabietate	314	C21H30O2	001235-74-1	64
3	9,10-Anthracenedione, 1-amino-4-...	239	C14H9NO3	000116-85-8	64
4	Phthalic acid, 4-methoxyphenyl 3...	362	C22H18O5	1000315-68-0	64
5	Benzaldehyde, 3-[4-(1,1-dimethyl...	254	C17H18O2	069770-23-6	64





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
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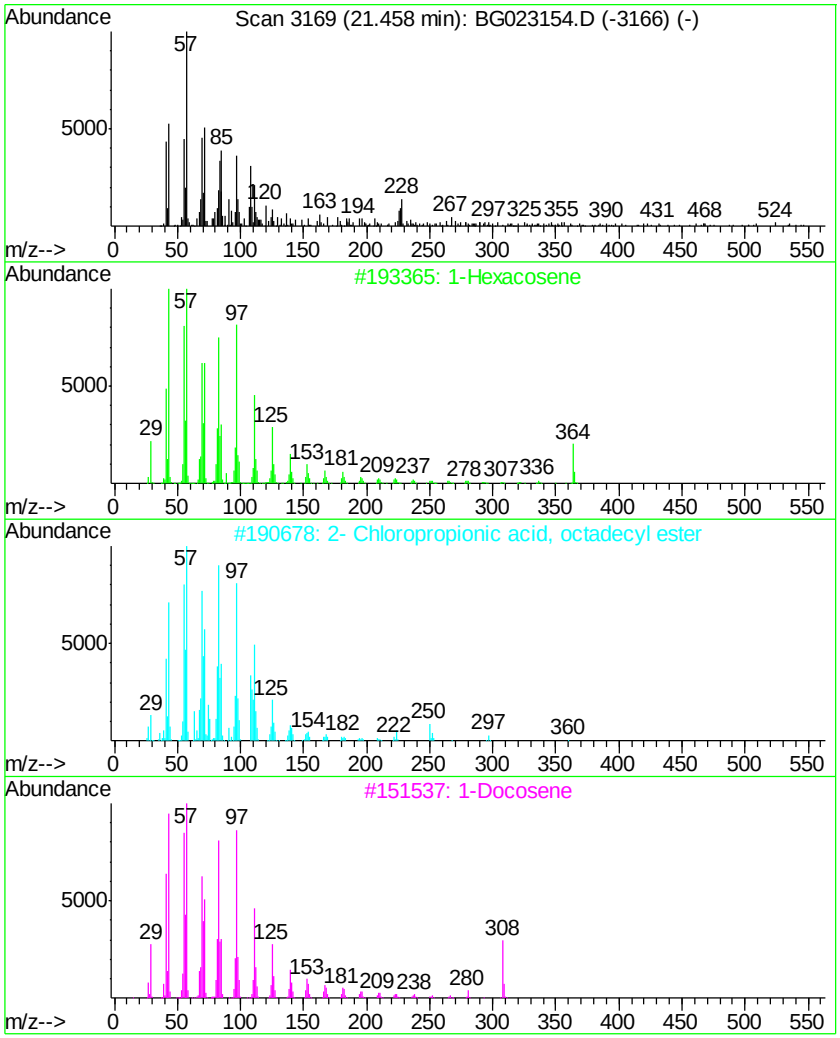
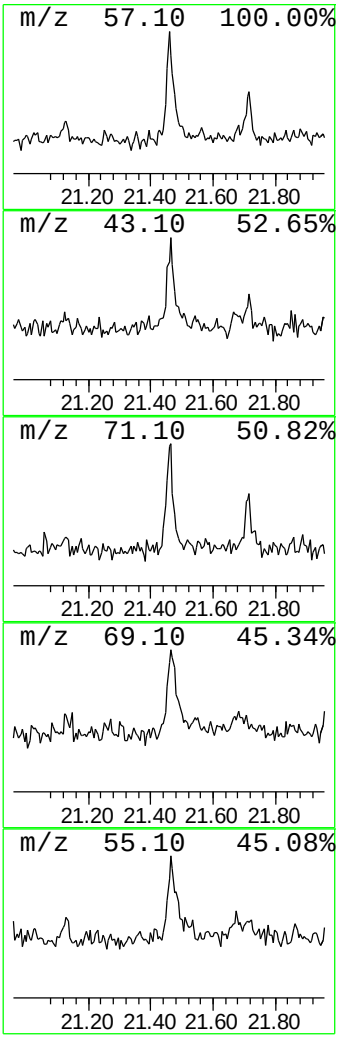
Peak Number 15 1-Hexacosene Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.46	3.53 ng	439277	Chrysene-d12	21.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Hexacosene	364	C26H52	018835-33-1	64
2	2- Chloropropionic acid, octadec...	360	C21H41ClO2	088104-31-8	55
3	1-Docosene	308	C22H44	001599-67-3	50
4	Docosyl pentafluoropropionate	472	C25H45F5O2	1000351-80-9	50
5	Ethanol, 2-(tetradecyloxy)-	258	C16H34O2	002136-70-1	49





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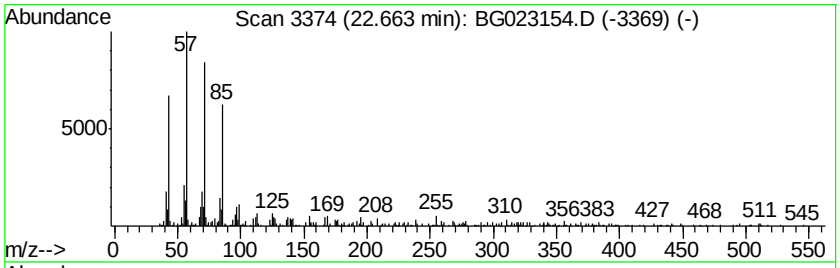
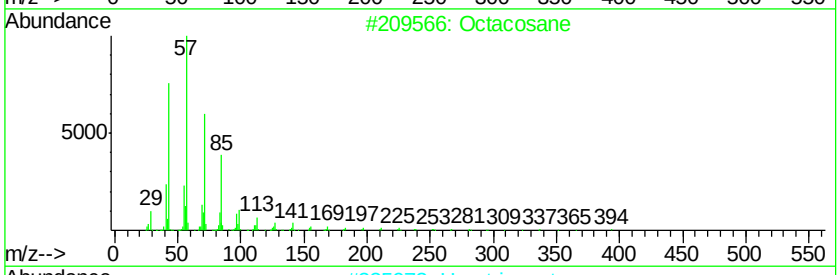
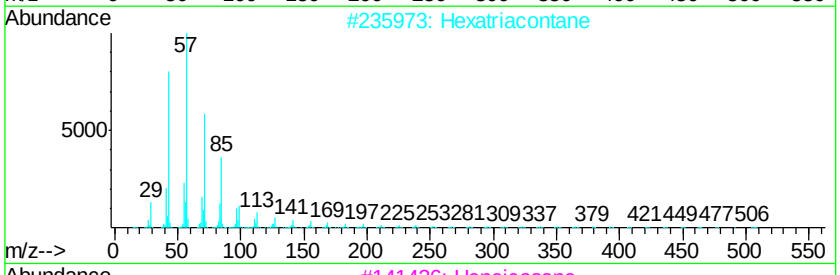
Peak Number 16 Octacosane Concentration Rank 18

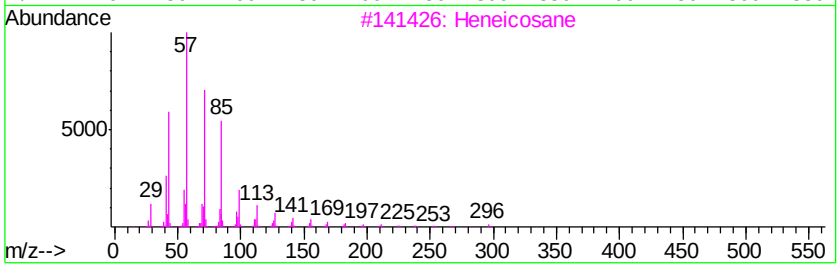
R.T.	EstConc	Area	Relative to ISTD	R.T.
22.66	2.70 ng	336068	Chrysene-d12	21.86

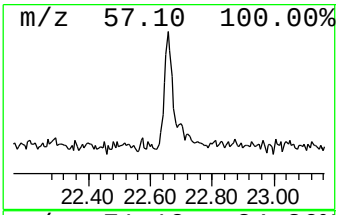
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octacosane	394	C28H58	000630-02-4	93
2	Hexatriacontane	507	C36H74	000630-06-8	91
3	Heneicosane	296	C21H44	000629-94-7	83
4	Heptadecane	240	C17H36	000629-78-7	80
5	Hexadecane	226	C16H34	000544-76-3	80

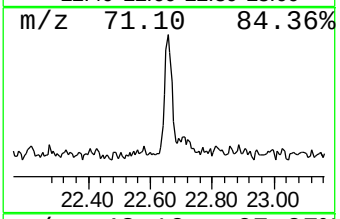


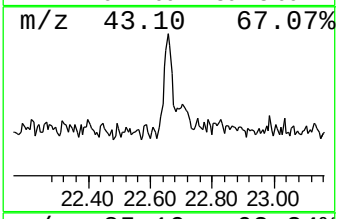


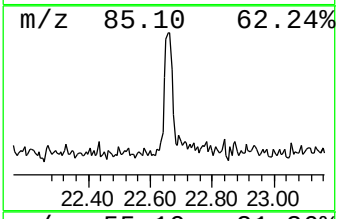


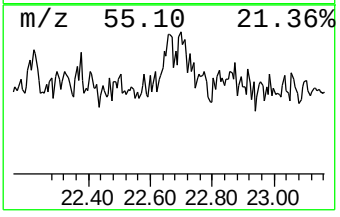












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Operator : UM/SJ
Sample : H4021-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SKEARNY1

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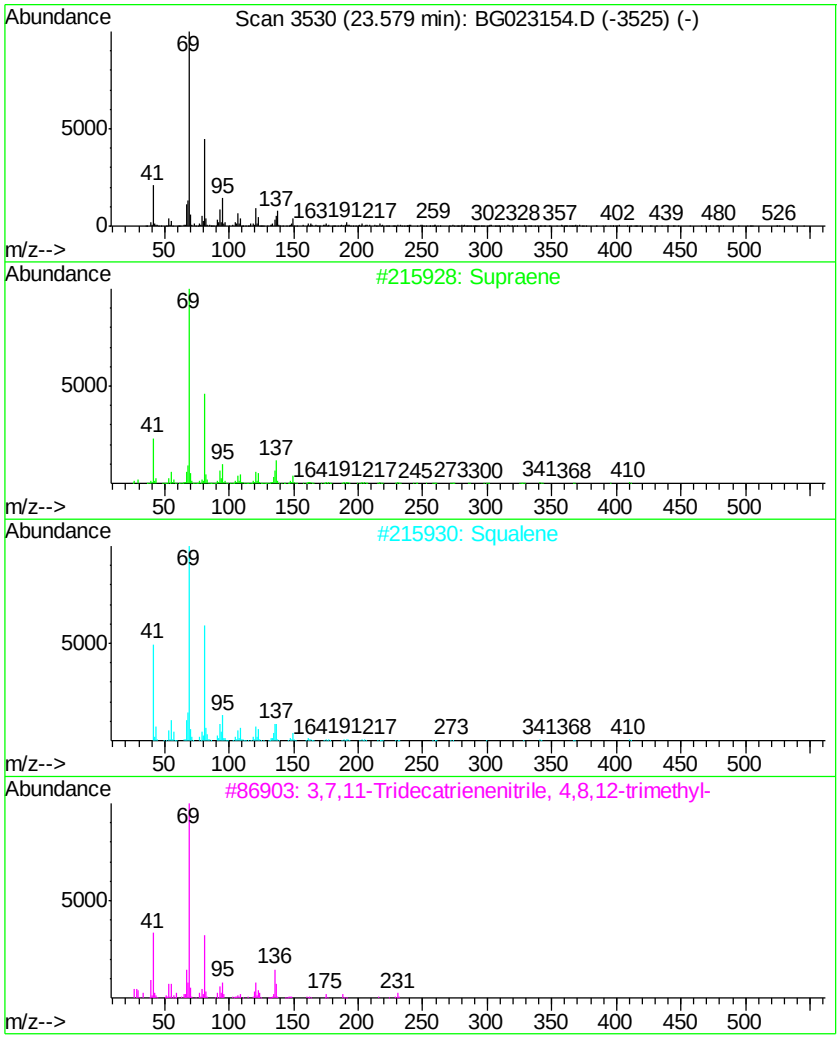
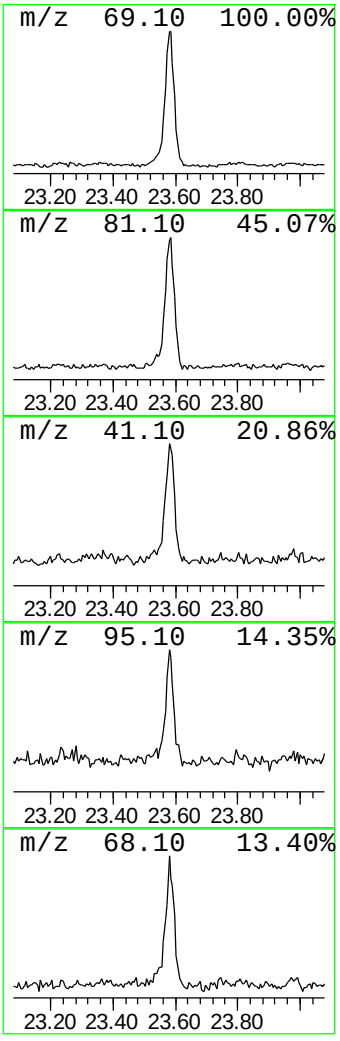
Peak Number 17 Supraene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.58	15.71 ng	1670610	Perylene-d12	25.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Supraene	410	C30H50	007683-64-9	91
2	Squalene	410	C30H50	000111-02-4	60
3	3,7,11-Tridecatrienenitrile, 4,8...	231	C16H25N	006006-01-5	56
4	trans-Farnesol	222	C15H26O	000106-28-5	56
5	4-Oxo-.beta.-damascone	206	C13H18O2	053398-08-6	53





Library Search Compound Report

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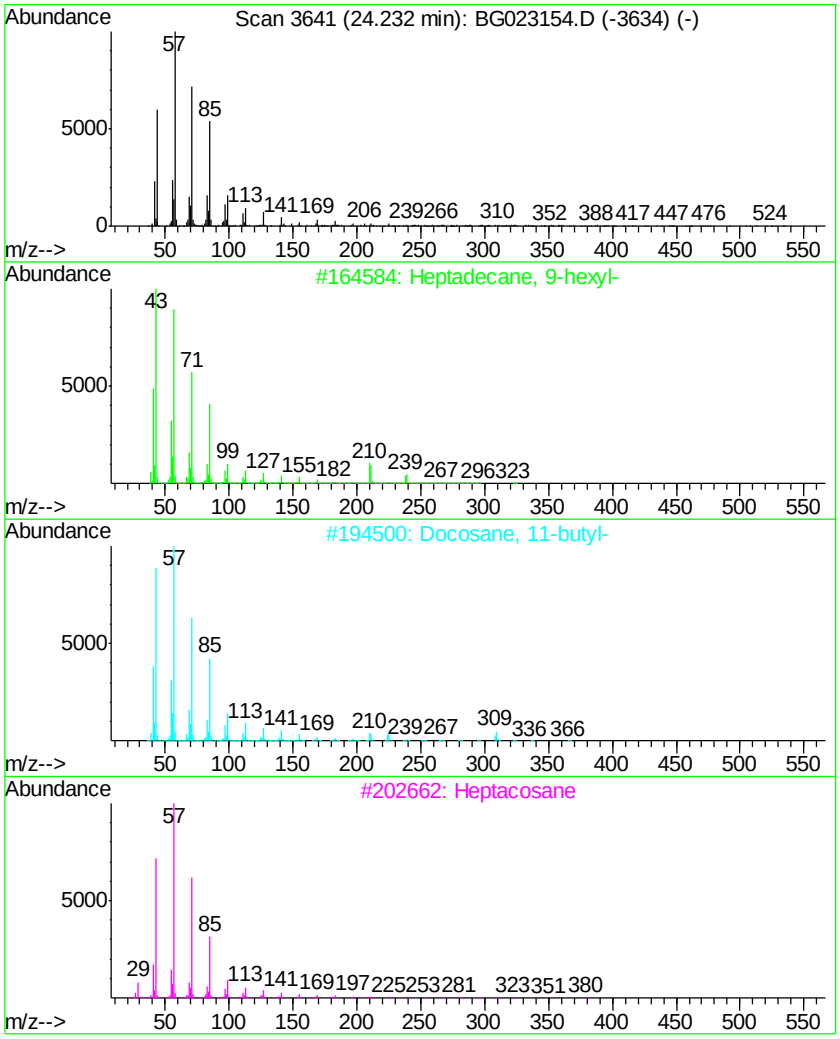
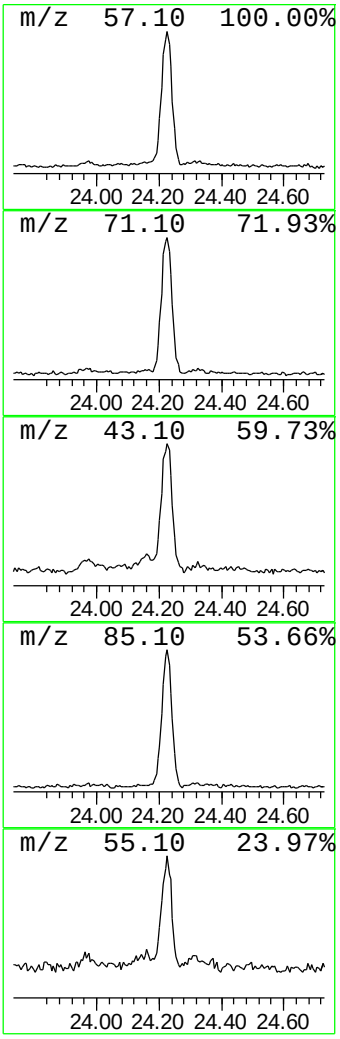
Peak Number 18 Heptadecane, 9-hexyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.23	23.81 ng	2531530	Perylene-d12	25.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane, 9-hexyl-	324	C23H48	055124-79-3	94
2	Docosane, 11-butyl-	366	C26H54	013475-76-8	93
3	Heptacosane	380	C27H56	000593-49-7	93
4	Heneicosane	296	C21H44	000629-94-7	91
5	Octacosane	394	C28H58	000630-02-4	91





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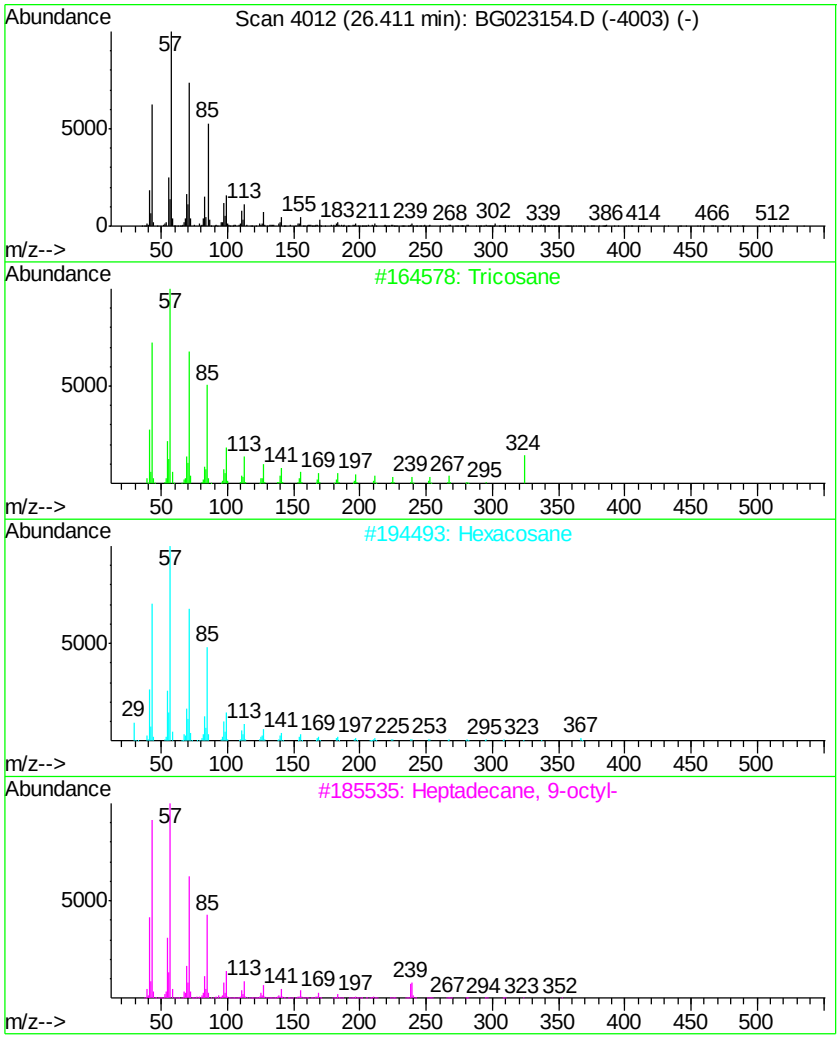
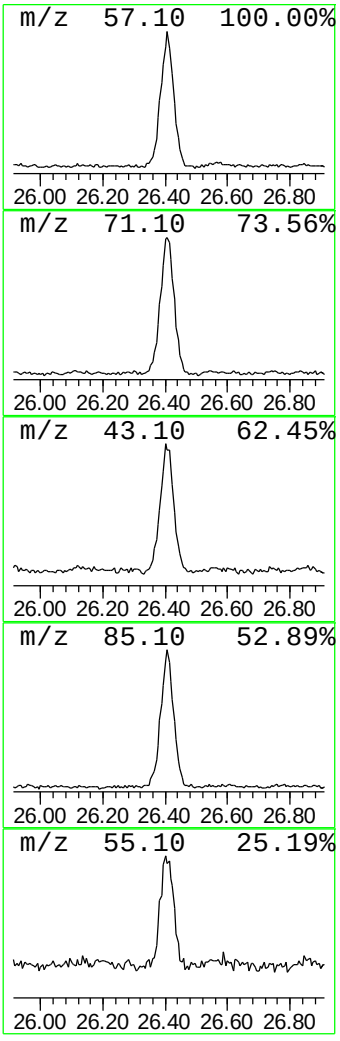
Peak Number 19 Tricosane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
26.41	27.48 ng	2921640	Perylene-d12	25.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tricosane	324	C23H48	000638-67-5	91
2	Hexacosane	366	C26H54	000630-01-3	87
3	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	87
4	Octadecane	254	C18H38	000593-45-3	83
5	Tetracosane	338	C24H50	000646-31-1	83





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG071616\
Data File : BG023154.D
Acq On : 16 Jul 2016 19:44
Operator : UM/SJ
Sample : H4021-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SKEARNY1

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG070816.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

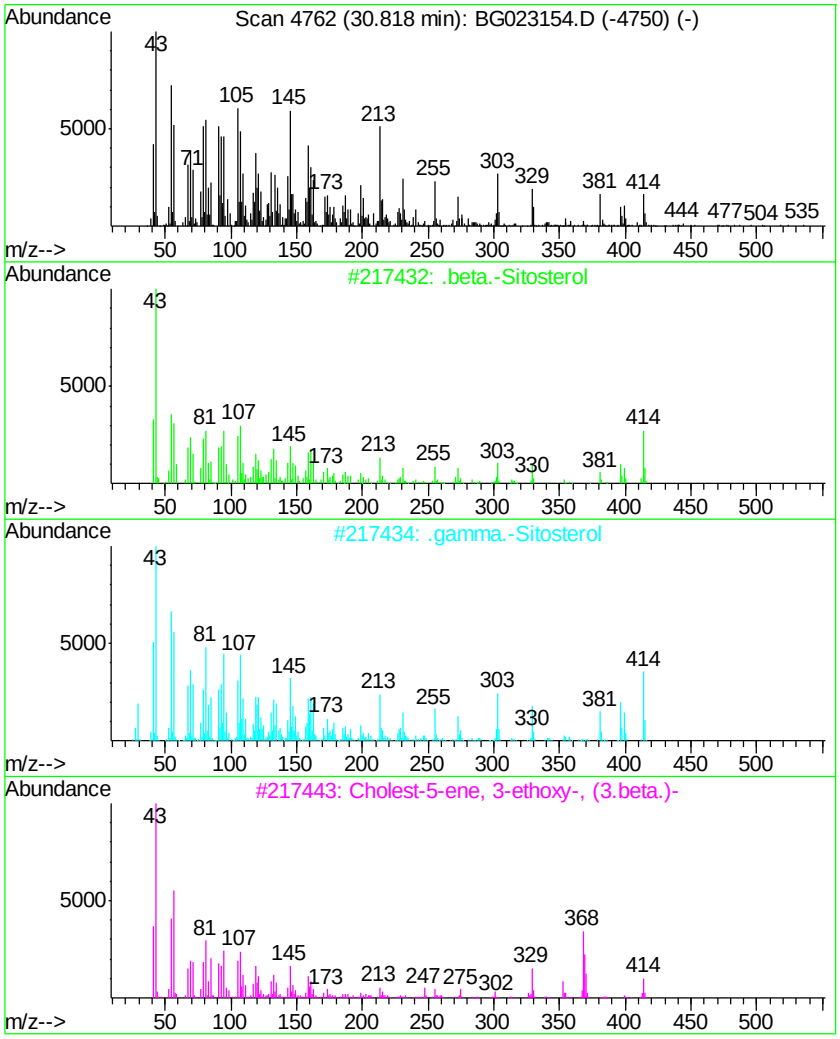
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

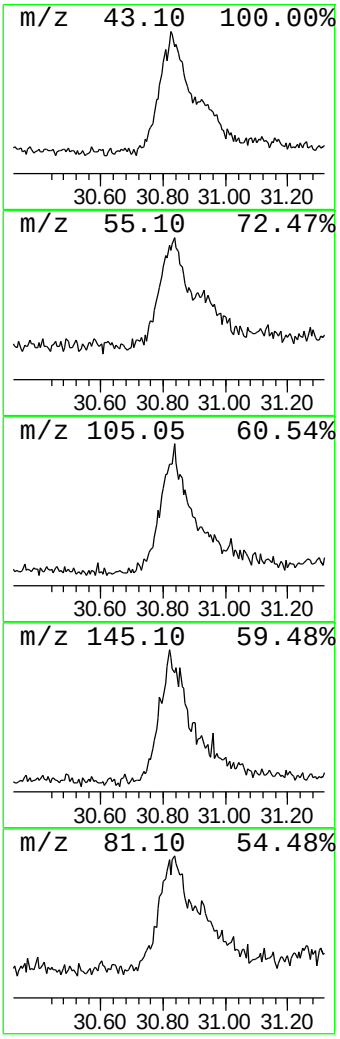
****

Peak Number 20 .beta.-Sitosterol Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
30.82	65.15 ng	6927420	Perylene-d12	25.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	.beta.-Sitosterol	414	C29H50O	000083-46-5	95
2	.gamma.-Sitosterol	414	C29H50O	000083-47-6	91
3	Cholest-5-ene, 3-ethoxy-, (3.bet...	414	C29H50O	000986-19-6	32
4	Hydroxy-(3-methoxyphenyl)phenyla...	272	C16H16O4	1000288-01-3	25
5	24.epsilon.-Methyl-5.alpha.-chol...	492	C30H52O5	110325-83-2	14





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG071616\
Data File : BG023154.D
Acq On : 16 Jul 2016 19:44
Operator : UM/SJ
Sample : H4021-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SKEARNY1

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG070816.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Propane, 2,2-dime...	3.04	101.0	ng	5440440	1	8.15	1076900	20.0
unknown5.22	5.22	8.1	ng	437762	1	8.15	1076900	20.0
unknown7.68	7.68	67.5	ng	3633180	1	8.15	1076900	20.0
2-Undecanone, 6,1...	17.61	2.6	ng	318002	4	17.55	2418780	20.0
1-Hexadecen-3-ol,...	18.37	3.0	ng	360263	4	17.55	2418780	20.0
n-Hexadecanoic acid	18.42	12.6	ng	1522860	4	17.55	2418780	20.0
17-Norkaur-15-ene...	18.76	2.5	ng	298550	4	17.55	2418780	20.0
Isophytol	19.43	12.0	ng	1453150	4	17.55	2418780	20.0
9,12-Octadecadien...	19.54	3.7	ng	443899	4	17.55	2418780	20.0
Octadecanoic acid	19.68	3.4	ng	405465	4	17.55	2418780	20.0
2-Pentenoic acid,...	20.73	6.6	ng	824468	5	21.86	2487600	20.0
2-Phenanthrenol, ...	20.79	7.3	ng	906243	5	21.86	2487600	20.0
9,10-Anthracenedi...	20.89	3.4	ng	416674	5	21.86	2487600	20.0
1-Hexacosene	21.46	3.5	ng	439277	5	21.86	2487600	20.0
Octacosane	22.66	2.7	ng	336068	5	21.86	2487600	20.0
Supraene	23.58	15.7	ng	1670610	6	25.23	2126620	20.0
Heptadecane, 9-he...	24.23	23.8	ng	2531530	6	25.23	2126620	20.0
Tricosane	26.41	27.5	ng	2921640	6	25.23	2126620	20.0
.beta.-Sitosterol	30.82	65.2	ng	6927420	6	25.23	2126620	20.0