LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG042717\
Data File : BG026721.D
Acq On : 27 Apr 2017 20:40
Operator : SJ/MA
Sample : I2807-02
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : JHT65

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 0.1 % of largest Peak
Start Thrs: 0.1 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 1

Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG042717.M
Title : SVOA CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.429	52	58	69	rVB	41679	72884	0.38%	0.079%
2	4.187	181	187	194	rBV	20984	33930	0.18%	0.037%
3	6.696	606	614	622	rBV	384243	607261	3.16%	0.656%
4	7.001	660	666	670	rBV3	15953	26759	0.14%	0.029%
5	7.189	689	698	714	rBV	739749	1332800	6.94%	1.439%
6	7.330	714	722	734	rVV	689883	1165076	6.06%	1.258%
7	7.430	734	739	748	rVV5	43623	102023	0.53%	0.110%
8	7.548	748	759	777	rVB	809895	1401225	7.29%	1.513%
9	8.012	831	838	848	rVB	584071	1008888	5.25%	1.090%
10	8.147	853	861	868	rBV	31027	54863	0.29%	0.059%
11	8.723	945	959	970	rBV	1048520	1835084	9.55%	1.982%
12	9.169	1025	1035	1055	rBV	747544	1341135	6.98%	1.448%
13	9.892	1148	1158	1171	rBV	629722	1129306	5.88%	1.220%
14	10.115	1188	1196	1204	rBV7	23612	55478	0.29%	0.060%
15	10.203	1204	1211	1217	rVB8	10324	26095	0.14%	0.028%
16	10.438	1240	1251	1269	rBV	959858	1813127	9.44%	1.958%
17	10.809	1303	1314	1321	rBV	948704	1696362	8.83%	1.832%
18	10.861	1321	1323	1328	rVV3	25298	39033	0.20%	0.042%
19	10.944	1328	1337	1358	rVB	897099	1747917	9.10%	1.888%
20	11.114	1360	1366	1371	rVB7	17361	30411	0.16%	0.033%
21	12.037	1517	1523	1537	rBV2	51769	134903	0.70%	0.146%
22	12.160	1537	1544	1550	rVV2	30519	58504	0.30%	0.063%
23	12.395	1576	1584	1589	rBV	21774	40939	0.21%	0.044%
24	13.517	1767	1775	1781	rBV2	53656	93608	0.49%	0.101%
25	13.576	1781	1785	1795	rVB10	9915	27819	0.14%	0.030%
26	13.893	1833	1839	1845	rBV8	26235	47167	0.25%	0.051%
27	14.022	1854	1861	1866	rBV	1827219	2686466	13.98%	2.901%
28	14.069	1866	1869	1878	rVB	352633	495334	2.58%	0.535%
29	14.316	1903	1911	1918	rBV	2179937	3459775	18.01%	3.737%
30	14.387	1918	1923	1931	rVB2	62671	99637	0.52%	0.108%
31	14.510	1940	1944	1951	rBV4	16505	26103	0.14%	0.028%
32	14.622	1951	1963	1971	rBV2	1427590	2265024	11.79%	2.446%
33	14.839	1992	2000	2024	rBV	479519	1115342	5.80%	1.205%
34	15.409	2092	2097	2101	rBV	15702	26315	0.14%	0.028%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG042717\
Data File : BG026721.D
Acq On : 27 Apr 2017 20:40
Operator : SJ/MA
Sample : I2807-02
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : JHT65

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 0.1 % of largest Peak
Start Thrs: 0.1 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 1

Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG042717.M
Title : SVOA CALIBRATION

35	15.456	2101	2105	2110	rVB	29330	41163	0.21%	0.044%
36	15.556	2118	2122	2124	rBV5	14992	23438	0.12%	0.025%
37	15.609	2124	2131	2144	rVB	2861393	4235433	22.04%	4.574%
38	15.726	2144	2151	2165	rBV	724638	1112620	5.79%	1.202%
39	15.850	2166	2172	2179	rVB3	48387	101605	0.53%	0.110%
40	15.950	2185	2189	2196	rVB10	12127	23861	0.12%	0.026%
41	16.314	2244	2251	2260	rBV	217509	335553	1.75%	0.362%
42	16.655	2300	2309	2314	rBV	10513	24148	0.13%	0.026%
43	16.807	2331	2335	2337	rBV2	23188	29929	0.16%	0.032%
44	16.843	2337	2341	2344	rVV	29013	33812	0.18%	0.037%
45	17.101	2380	2385	2390	rBV	27032	34972	0.18%	0.038%
46	17.154	2390	2394	2400	rVB5	32164	54007	0.28%	0.058%
47	17.260	2407	2412	2416	rVB8	15956	25002	0.13%	0.027%
48	17.354	2421	2428	2437	rBV2	1690777	2464485	12.83%	2.662%
49	17.454	2437	2445	2454	rVV2	2876447	4272202	22.24%	4.614%
50	17.806	2491	2505	2507	rBV7	32179	81744	0.43%	0.088%
51	17.836	2507	2510	2518	rVB5	38758	67167	0.35%	0.073%
52	18.012	2536	2540	2544	rVB6	13993	26444	0.14%	0.029%
53	18.100	2546	2555	2562	rVB2	179669	266581	1.39%	0.288%
54	18.235	2572	2578	2586	rBV	174364	285500	1.49%	0.308%
55	18.312	2586	2591	2593	rVV4	45098	66411	0.35%	0.072%
56	18.359	2593	2599	2604	rVB4	168549	289425	1.51%	0.313%
57	18.423	2605	2610	2615	rVV8	31693	79905	0.42%	0.086%
58	18.470	2615	2618	2622	rVB6	19051	25540	0.13%	0.028%
59	18.558	2623	2633	2638	rBV7	71235	169212	0.88%	0.183%
60	18.641	2640	2647	2653	rBV2	657042	1084288	5.64%	1.171%
61	18.693	2653	2656	2662	rVB5	45774	66321	0.35%	0.072%
62	18.823	2672	2678	2684	rBV	747973	1080628	5.62%	1.167%
63	18.923	2692	2695	2697	rBV3	35317	40511	0.21%	0.044%
64	18.958	2697	2701	2707	rVB	810491	1093330	5.69%	1.181%
65	19.022	2707	2712	2718	rVB2	174612	223958	1.17%	0.242%
66	19.093	2718	2724	2726	rBV	94721	171249	0.89%	0.185%
67	19.199	2731	2742	2746	rBV9	114215	306807	1.60%	0.331%
68	19.281	2753	2756	2768	rVB2	76843	149148	0.78%	0.161%
69	19.369	2768	2771	2779	rVB	48864	81993	0.43%	0.089%
70	19.451	2779	2785	2790	rBV	2734556	3406450	17.73%	3.679%
71	19.539	2790	2800	2808	rVB	1104540	1528012	7.95%	1.650%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG042717\
Data File : BG026721.D
Acq On : 27 Apr 2017 20:40
Operator : SJ/MA
Sample : I2807-02
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : JHT65

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 0.1 % of largest Peak
Start Thrs: 0.1 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 1

Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG042717.M
Title : SVOA CALIBRATION

72	19.639	2811	2817	2822	rBV4	42670	94163	0.49%	0.102%
73	19.733	2826	2833	2839	rBV	3055977	4314634	22.46%	4.660%
74	19.780	2839	2841	2847	rVB6	76557	95618	0.50%	0.103%
75	19.839	2847	2851	2858	rBV3	114053	159518	0.83%	0.172%
76	19.916	2858	2864	2868	rBV	403287	566324	2.95%	0.612%
77	19.968	2869	2873	2879	rVB6	77771	155830	0.81%	0.168%
78	20.104	2894	2896	2901	rVB5	21908	25721	0.13%	0.028%
79	20.180	2901	2909	2916	rBV	13579627	19213600	100.00%	20.751%
80	20.250	2916	2921	2929	rVB3	94540	195684	1.02%	0.211%
81	20.380	2939	2943	2946	rBV4	98744	130686	0.68%	0.141%
82	20.579	2970	2977	2988	rVB3	132668	257741	1.34%	0.278%
83	20.691	2991	2996	3002	rBV4	82308	150803	0.78%	0.163%
84	21.055	3053	3058	3061	rBV5	77616	149300	0.78%	0.161%
85	21.096	3061	3065	3080	rVV3	513554	985615	5.13%	1.064%
86	21.232	3080	3088	3100	rVV2	1010498	1856087	9.66%	2.005%
87	21.384	3106	3114	3125	rBV8	160623	586875	3.05%	0.634%
88	21.478	3126	3130	3135	rVB	193365	260194	1.35%	0.281%
89	21.602	3144	3151	3166	rVB	1708640	3065579	15.96%	3.311%
90	21.737	3169	3174	3180	rBV	374729	502257	2.61%	0.542%
91	22.377	3279	3283	3287	rBV4	34882	50758	0.26%	0.055%
92	22.565	3305	3315	3341	rBV6	163141	857123	4.46%	0.926%
93	22.853	3358	3364	3382	rBV2	325190	883659	4.60%	0.954%
94	23.000	3383	3389	3404	rVB2	244364	578225	3.01%	0.624%
95	23.829	3525	3530	3540	rVB3	77587	177363	0.92%	0.192%
96	24.545	3641	3652	3663	rBV2	1571718	4226060	22.00%	4.564%
97	24.757	3678	3688	3706	rVB2	1019568	2835604	14.76%	3.062%
98	25.838	3866	3872	3883	rVB3	77540	231535	1.21%	0.250%
99	27.160	4090	4097	4108	rVB3	84880	269084	1.40%	0.291%
100	28.746	4359	4367	4379	rVB5	53623	217447	1.13%	0.235%

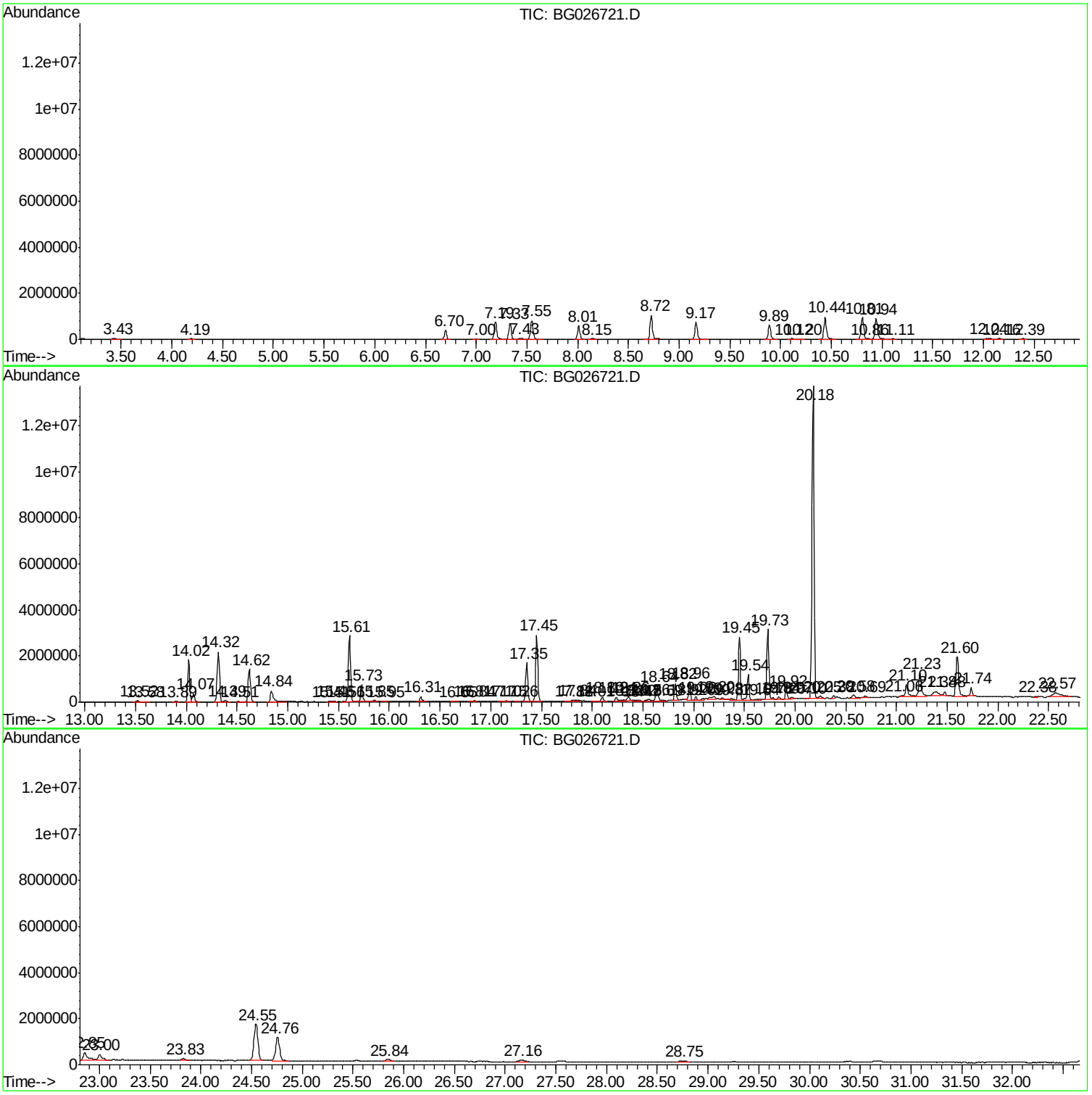
Sum of corrected areas: 92592534

Data Path : Z:\HPCHEM1\BNA G\DATA\BG042717\
Data File : BG026721.D
Acq On : 27 Apr 2017 20:40
Operator : SJ/MA
Sample : I2807-02
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : JHT65

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG042717.M
Quant Title : SVOA CALIBRATION

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



Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG042717\
Data File : BG026721.D
Acq On : 27 Apr 2017 20:40
Operator : SJ/MA
Sample : I2807-02
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : JHT65

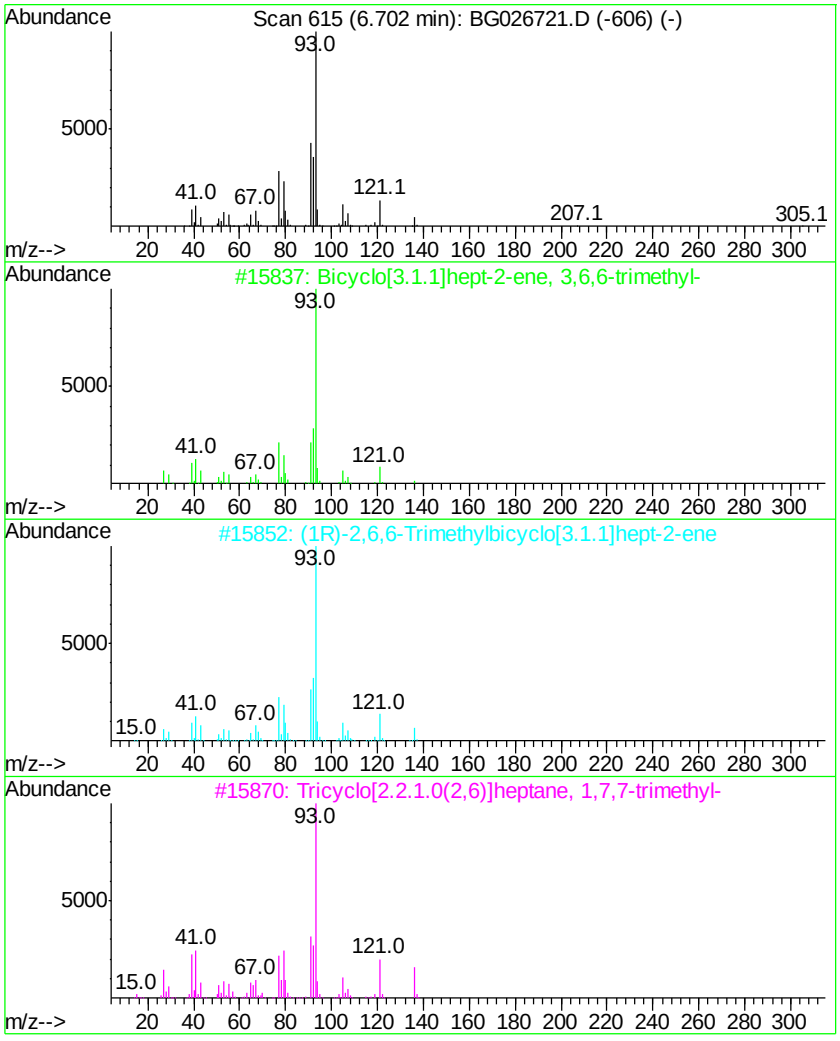
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG042717.M
Quant Title : SVOA CALIBRATION

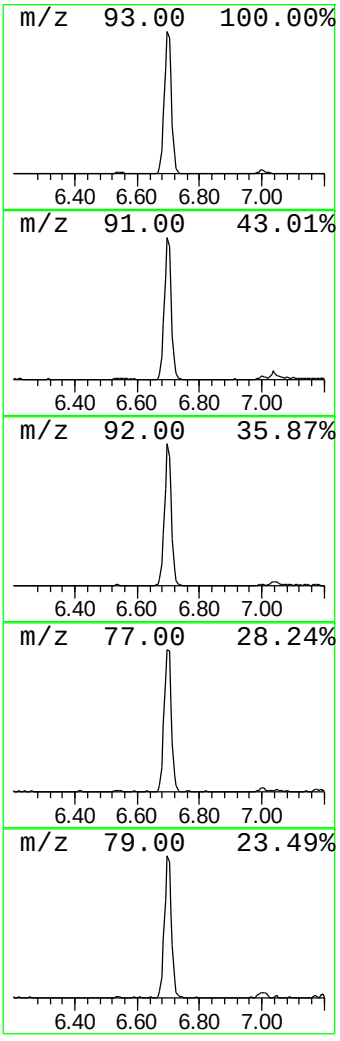
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 Bicyclo[3.1.1]hept-2-ene, 3... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.70	12.04 ng/ul	607261	1,4-Dichlorobenzene-d4	8.01

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Bicyclo[3.1.1]hept-2-ene, 3,6,6-...	136	C10H16	004889-83-2	95
2	(1R)-2,6,6-Trimethylbicyclo[3.1....	136	C10H16	007785-70-8	94
3	Tricyclo[2.2.1.0(2,6)]heptane, 1...	136	C10H16	000508-32-7	91
4	.alpha.-Pinene	136	C10H16	000080-56-8	91
5	Tricyclo[2.2.1.0(2,6)]heptane, 1...	136	C10H16	000508-32-7	91





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG042717\
Data File : BG026721.D
Acq On : 27 Apr 2017 20:40
Operator : SJ/MA
Sample : I2807-02
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : JHT65

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG042717.M
Quant Title : SVOA CALIBRATION

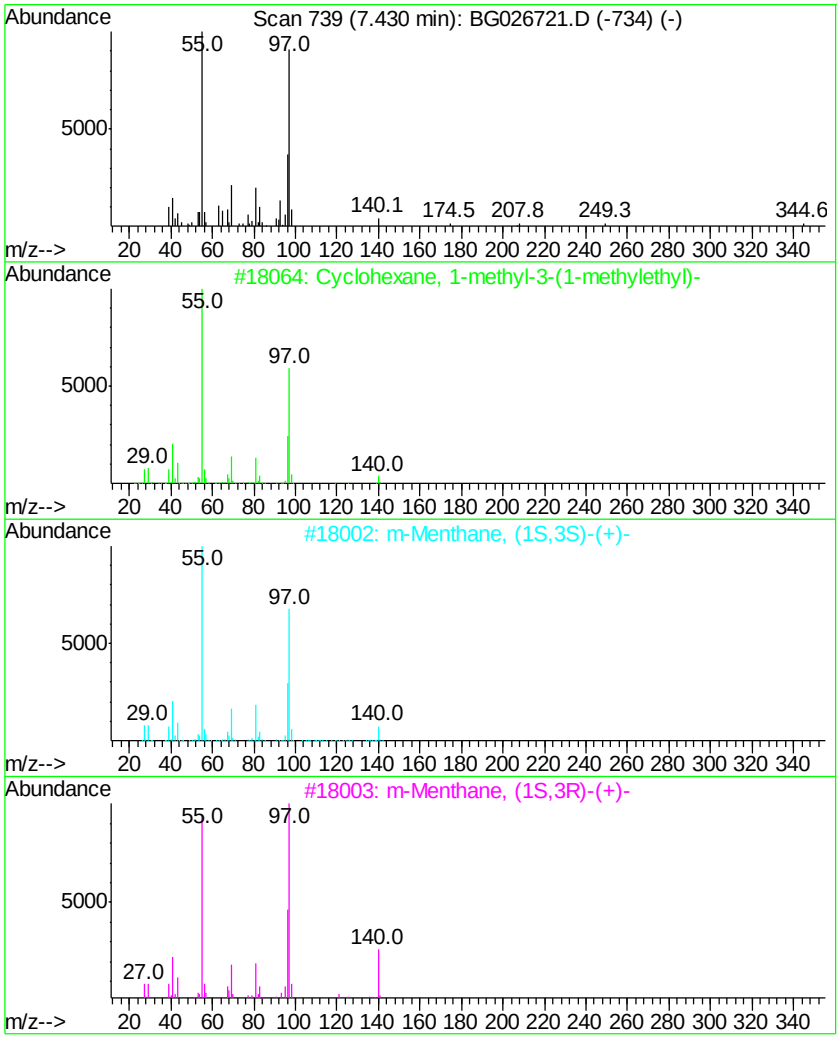
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

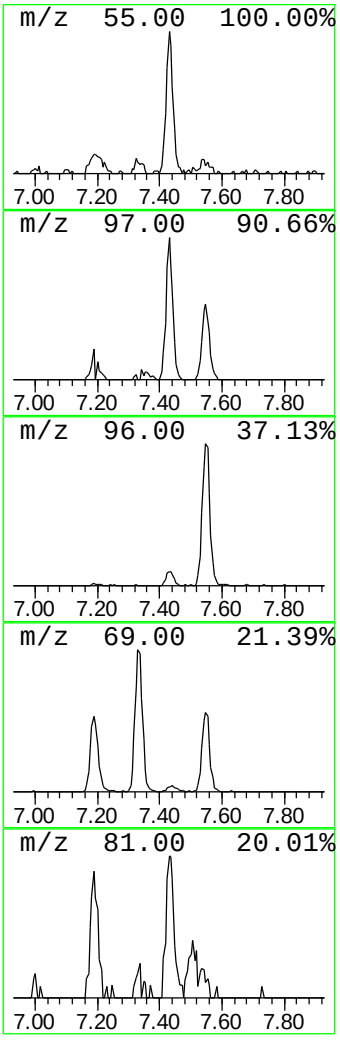
****

Peak Number 2 (DEL) Alkane: Cyclic7.43 Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.43	2.02 ng/ul	102023	1,4-Dichlorobenzene-d4	8.01

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1-methyl-3-(1-methy...	140	C10H20	016580-24-8	90
2	m-Menthane, (1S,3S)-(+)-	140	C10H20	013837-67-7	90
3	m-Menthane, (1S,3R)-(+)-	140	C10H20	013837-66-6	86
4	Cyclopentane, 1-hydroxymethyl-1,...	128	C8H16O	1000156-73-8	78
5	Oxalic acid, cyclohexylmethyl et...	214	C11H18O4	1000309-68-0	78





Data Path : Z:\HPCHEM1\BNA G\DATA\BG042717\
Data File : BG026721.D
Acq On : 27 Apr 2017 20:40
Operator : SJ/MA
Sample : I2807-02
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : JHT65

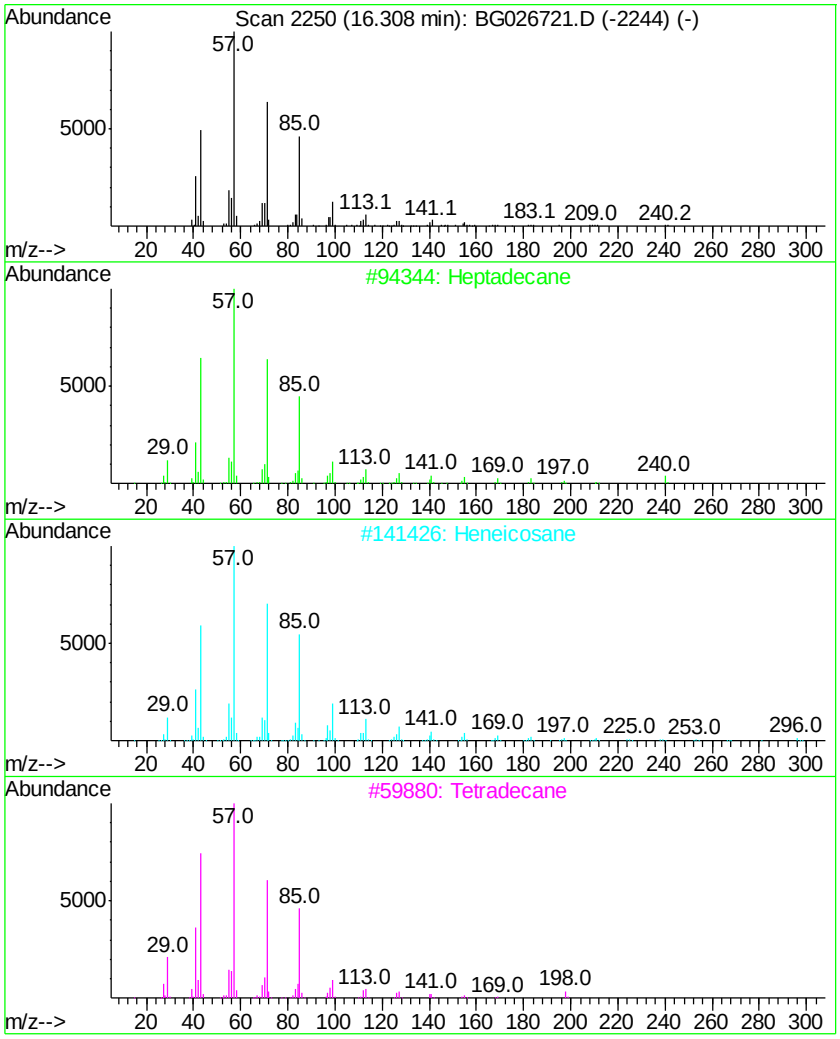
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG042717.M
Quant Title : SVOA CALIBRATION

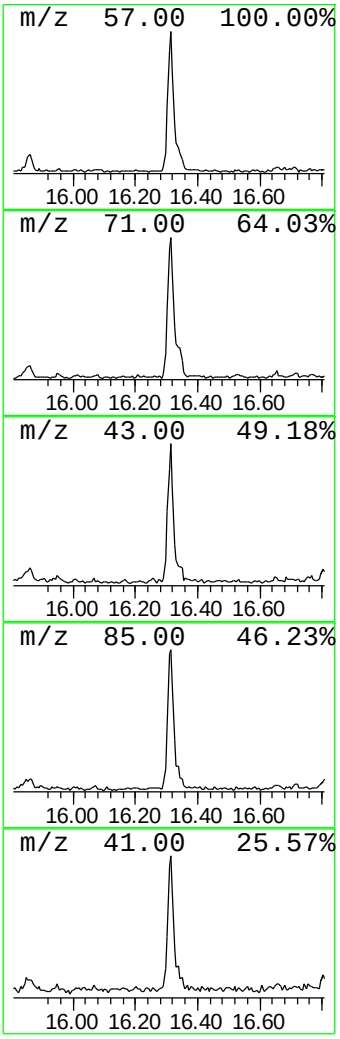
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.31	2.72 ng/ul	335553	Phenanthrene-d10	17.35

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	96
2	Heneicosane	296	C21H44	000629-94-7	90
3	Tetradecane	198	C14H30	000629-59-4	87
4	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	87
5	Heptadecane	240	C17H36	000629-78-7	86





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG042717\
Data File : BG026721.D
Acq On : 27 Apr 2017 20:40
Operator : SJ/MA
Sample : I2807-02
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : JHT65

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG042717.M
Quant Title : SVOA CALIBRATION

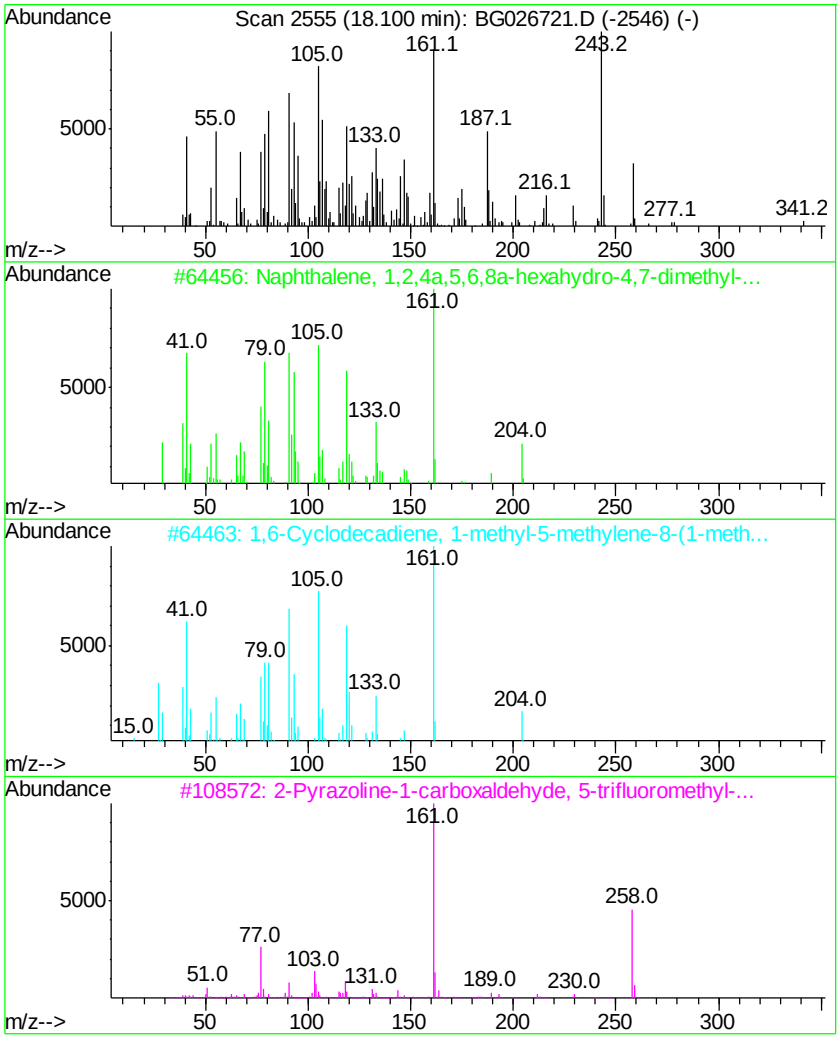
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

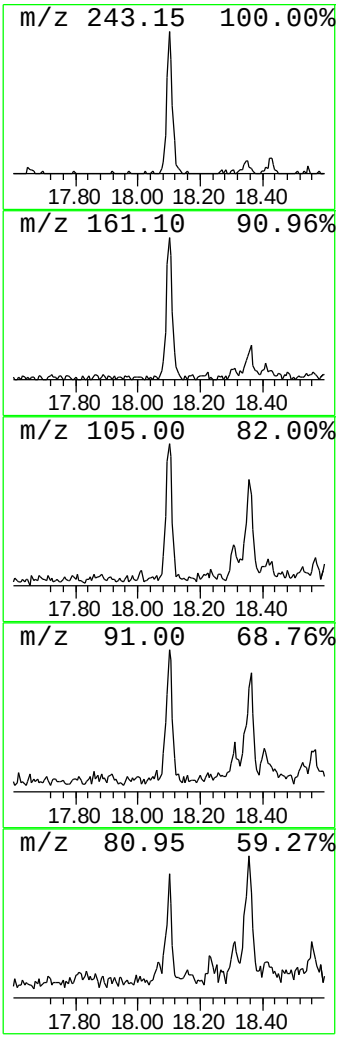
****

Peak Number 4 unknown-01 Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.10	2.16 ng/ul	266581	Phenanthrene-d10	17.35

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,4a,5,6,8a-hexah...	204	C15H24	000483-75-0	30
2	1,6-Cyclodecadiene, 1-methyl-5-m...	204	C15H24	023986-74-5	27
3	2-Pyrazoline-1-carboxaldehyde, 5...	258	C11H9F3N2O2	1000261-10-4	25
4	2,4-Quinolinediol	161	C9H7NO2	000086-95-3	22
5	Cyclohexene, 1,3-diisopropenyl-6...	176	C13H20	1000151-28-9	22





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG042717\
Data File : BG026721.D
Acq On : 27 Apr 2017 20:40
Operator : SJ/MA
Sample : I2807-02
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : JHT65

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG042717.M
Quant Title : SVOA CALIBRATION

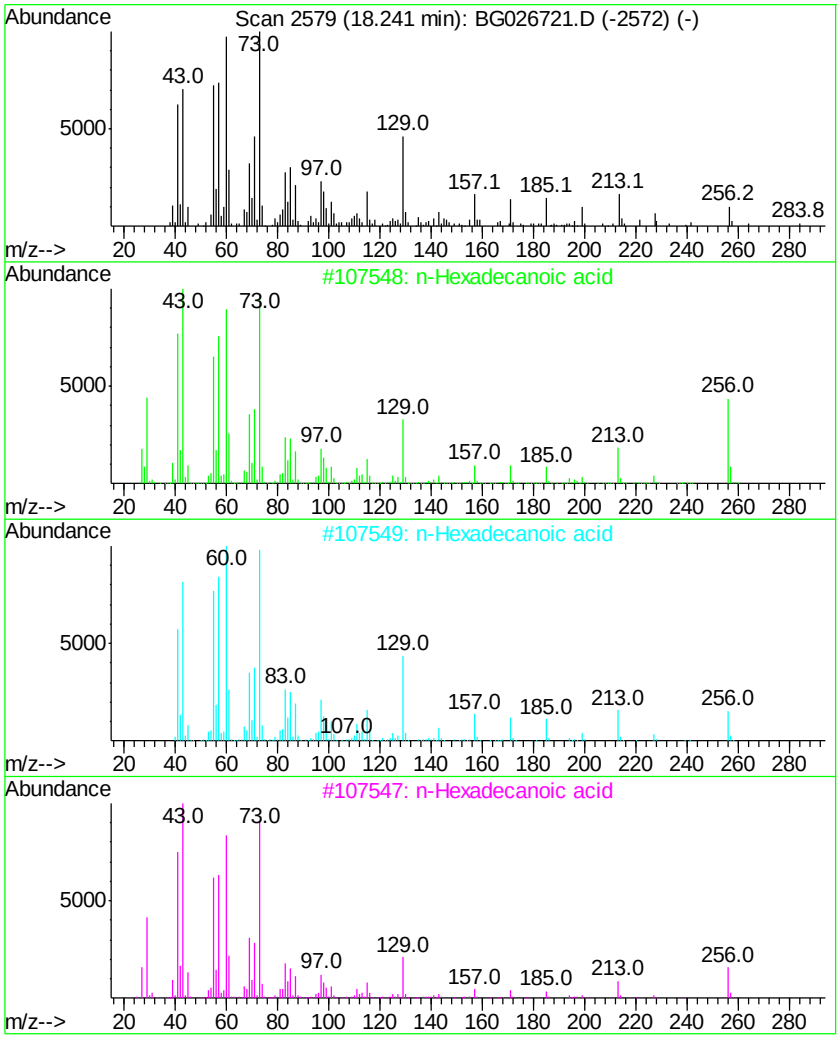
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

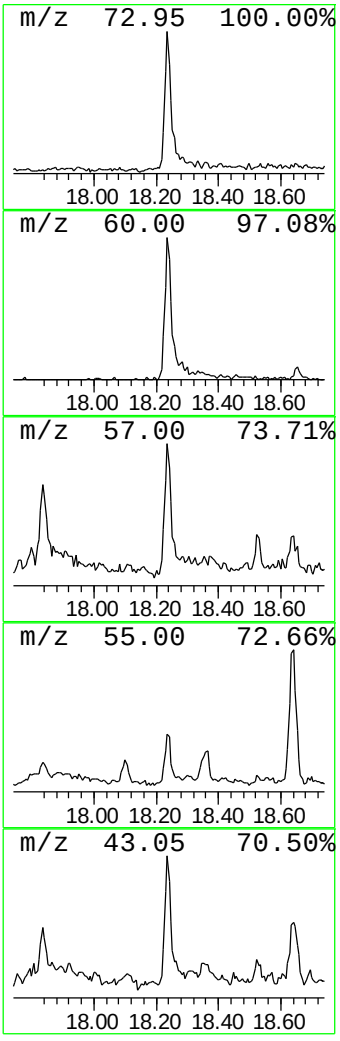
****

Peak Number 5 n-Hexadecanoic acid Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.24	2.32 ng/ul	285500	Phenanthrene-d10	17.35

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
3	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	94
4	Tridecanoic acid	214	C13H26O2	000638-53-9	87
5	Pentadecanoic acid	242	C15H30O2	001002-84-2	80





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG042717\
Data File : BG026721.D
Acq On : 27 Apr 2017 20:40
Operator : SJ/MA
Sample : I2807-02
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : JHT65

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG042717.M
Quant Title : SVOA CALIBRATION

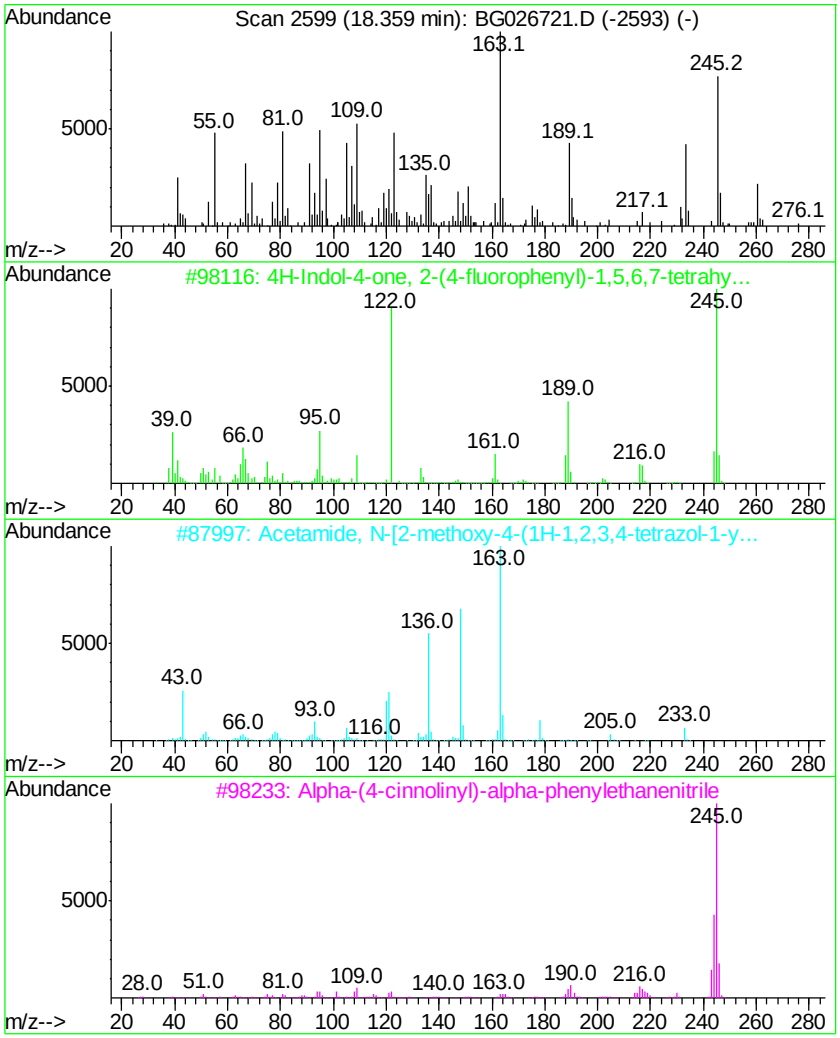
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

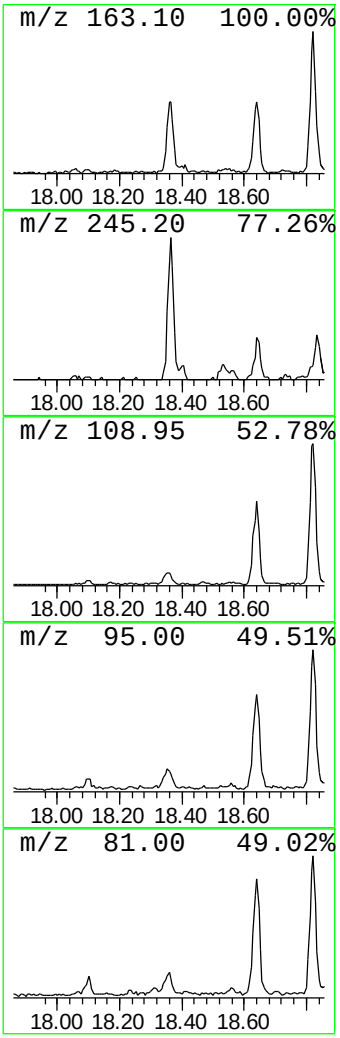
****

Peak Number 6 unknown-02 Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.36	2.35 ng/ul	289425	Phenanthrene-d10	17.35

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Indol-4-one, 2-(4-fluorophenv...	245	C14H12FNO2	1000337-74-5	38
2	Acetamide, N-[2-methoxy-4-(1H-1,...	233	C10H11N5O2	1000337-61-2	18
3	Alpha-(4-cinnolinyl)-alpha-phenv...	245	C16H11N3	018592-05-7	11
4	Pyrazol-4-amine, 1-(1-adamantyl)...	245	C15H23N3	1000273-77-8	11
5	Allyl methyl phthalate	220	C12H12O4	1000373-89-1	11





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG042717\
Data File : BG026721.D
Acq On : 27 Apr 2017 20:40
Operator : SJ/MA
Sample : I2807-02
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : JHT65

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG042717.M
Quant Title : SVOA CALIBRATION

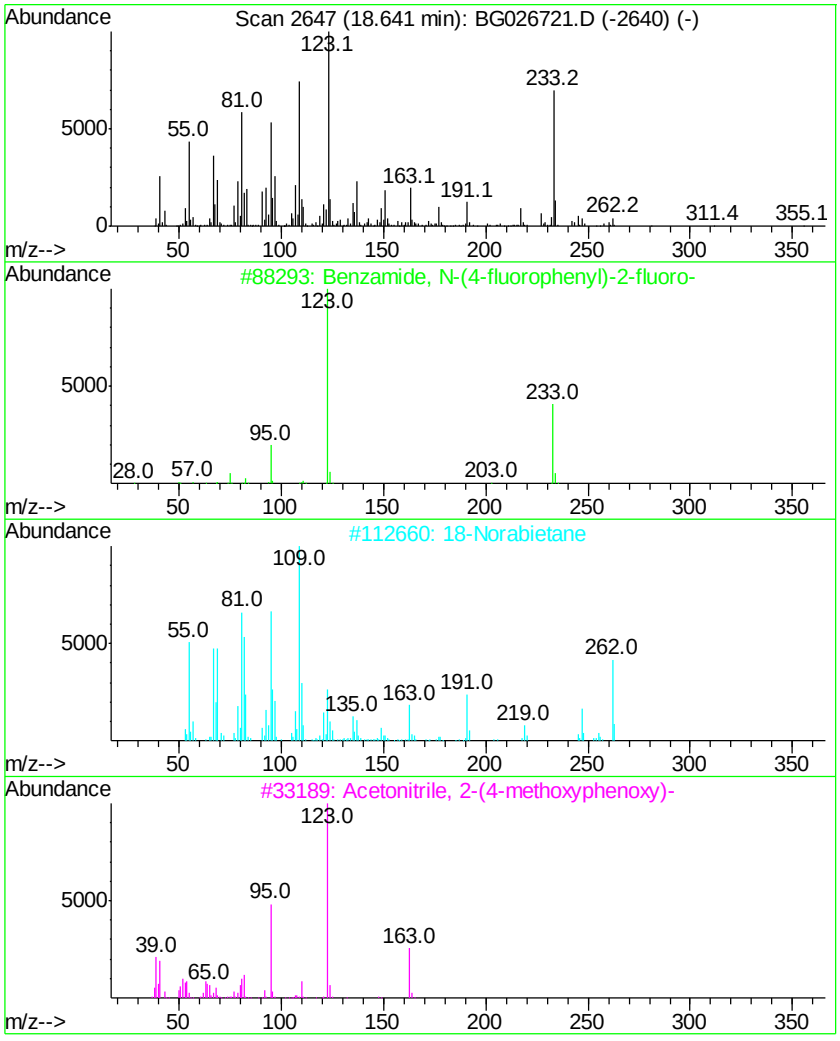
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

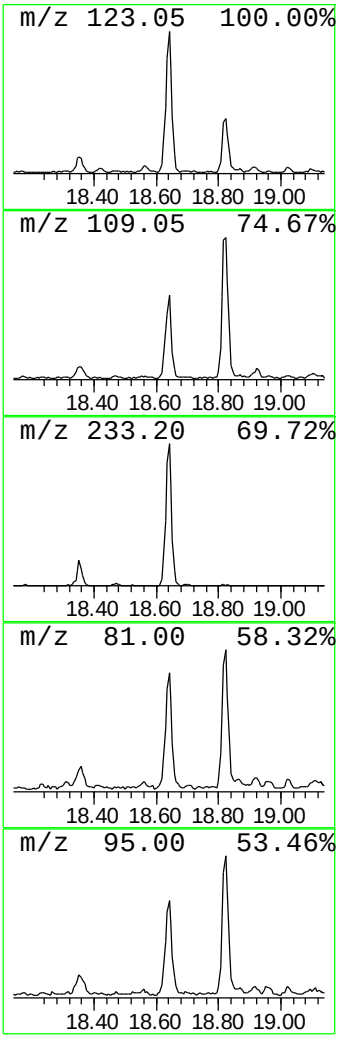
****

Peak Number 7 unknown-03 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.64	8.80 ng/ul	1084290	Phenanthrene-d10	17.35

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzamide, N-(4-fluorophenyl)-2-...	233	C13H9F2NO	1000307-07-9	38
2	18-Norabietane	262	C19H34	1000293-16-6	38
3	Acetonitrile, 2-(4-methoxyphenoxy)-	163	C9H9NO2	022446-12-4	30
4	Benzamide, N-(2-fluorophenyl)-2-...	233	C13H9F2NO	1000308-09-1	27
5	4,4'-Difluorobenzil	246	C14H8F2O2	000579-39-5	22





Data Path : Z:\HPCHEM1\BNA G\DATA\BG042717\
Data File : BG026721.D
Acq On : 27 Apr 2017 20:40
Operator : SJ/MA
Sample : I2807-02
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : JHT65

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG042717.M
Quant Title : SVOA CALIBRATION

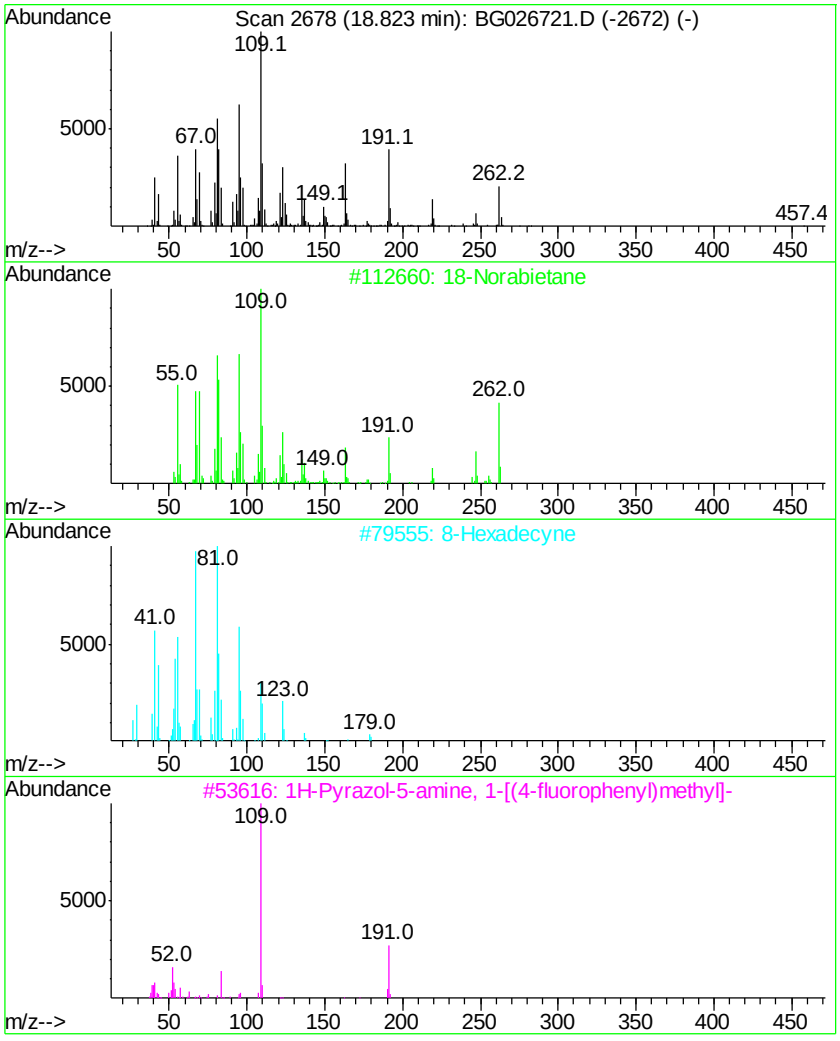
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

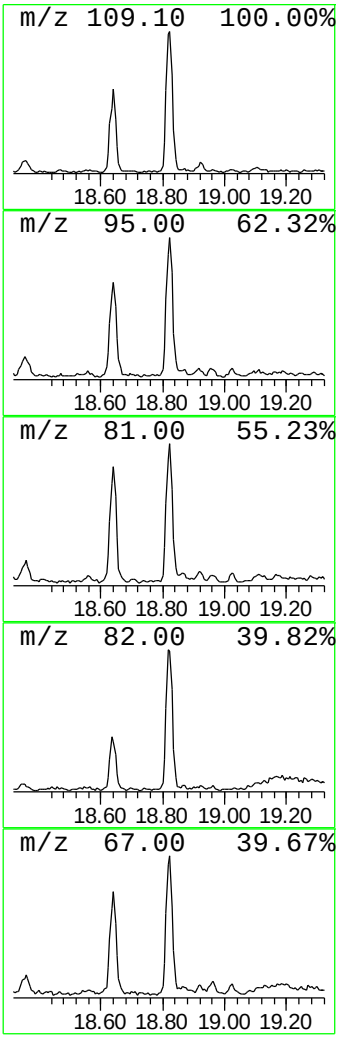
****

Peak Number 8 18-Norabietane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.82	8.77 ng/ul	1080630	Phenanthrene-d10	17.35

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	18-Norabietane	262	C19H34	1000293-16-6	94
2	8-Hexadecyne	222	C16H30	019781-86-3	35
3	1H-Pyrazol-5-amine, 1-[(4-fluoro...	191	C10H10FN3	1000362-66-0	35
4	1,2-Benzooxazine,2-cyclohexyl-4-...	262	C16H26N2O	037898-39-8	27
5	5-Nonadecen-1-ol	282	C19H38O	1000131-11-9	25





Data Path : Z:\HPCHEM1\BNA G\DATA\BG042717\
Data File : BG026721.D
Acq On : 27 Apr 2017 20:40
Operator : SJ/MA
Sample : I2807-02
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : JHT65

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG042717.M
Quant Title : SVOA CALIBRATION

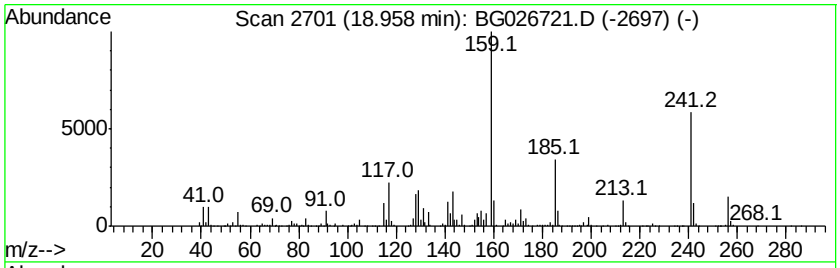
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

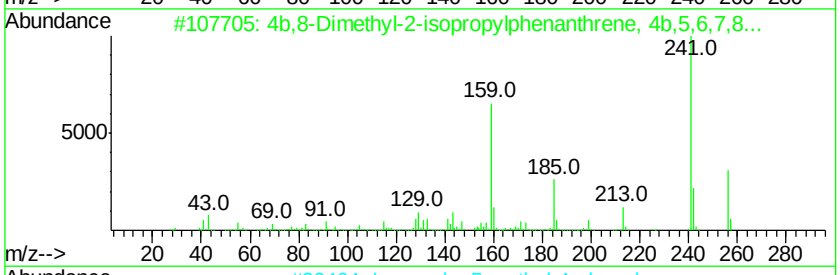
****

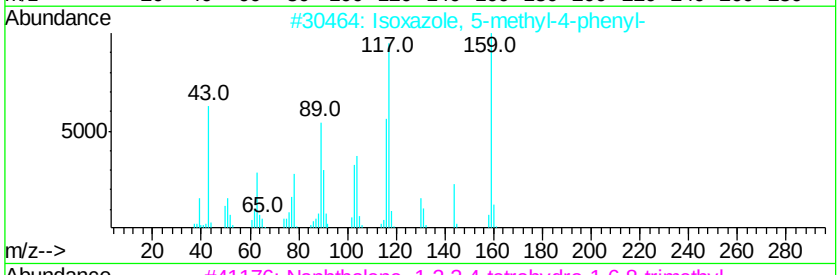
Peak Number 9 4b,8-Dimethyl-2-isopropylph... Concentration Rank 6

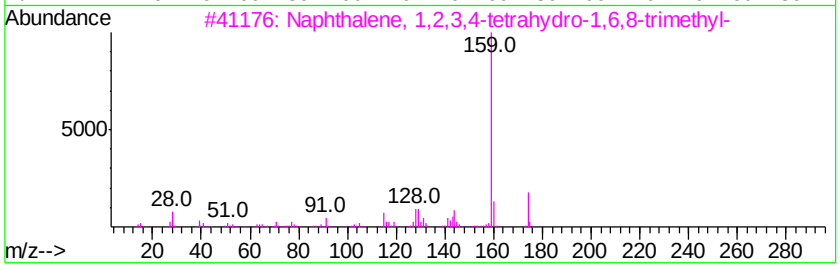
R.T.	EstConc	Area	Relative to ISTD	R.T.
18.96	8.87 ng/ul	1093330	Phenanthrene-d10	17.35

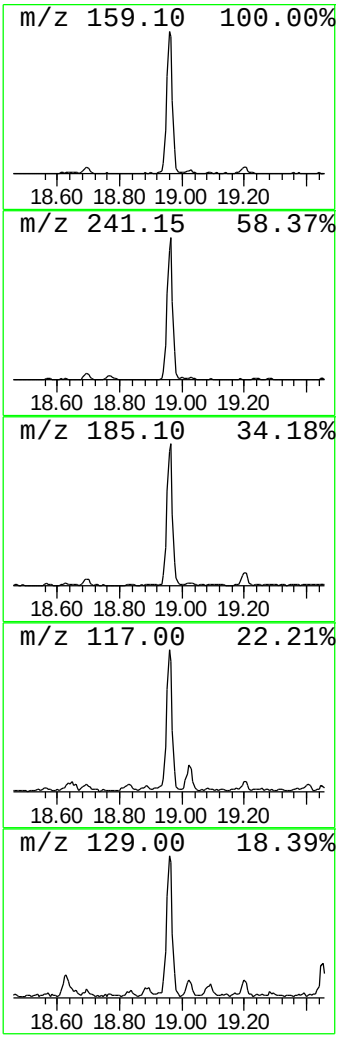
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4b,8-Dimethyl-2-isopropylphenant...	256	C19H28	1000197-14-1	90
2	Isoxazole, 5-methyl-4-phenyl-	159	C10H9NO	023253-49-8	43
3	Naphthalene, 1,2,3,4-tetrahydro-...	174	C13H18	030316-36-0	38
4	2(1H)-Quinolinone, hydrazone	159	C9H9N3	015793-77-8	38
5	Naphthalene, 6-ethyl-1,2,3,4-tet...	256	C19H28	301643-35-6	35











Data Path : Z:\HPCHEM1\BNA G\DATA\BG042717\
Data File : BG026721.D
Acq On : 27 Apr 2017 20:40
Operator : SJ/MA
Sample : I2807-02
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : JHT65

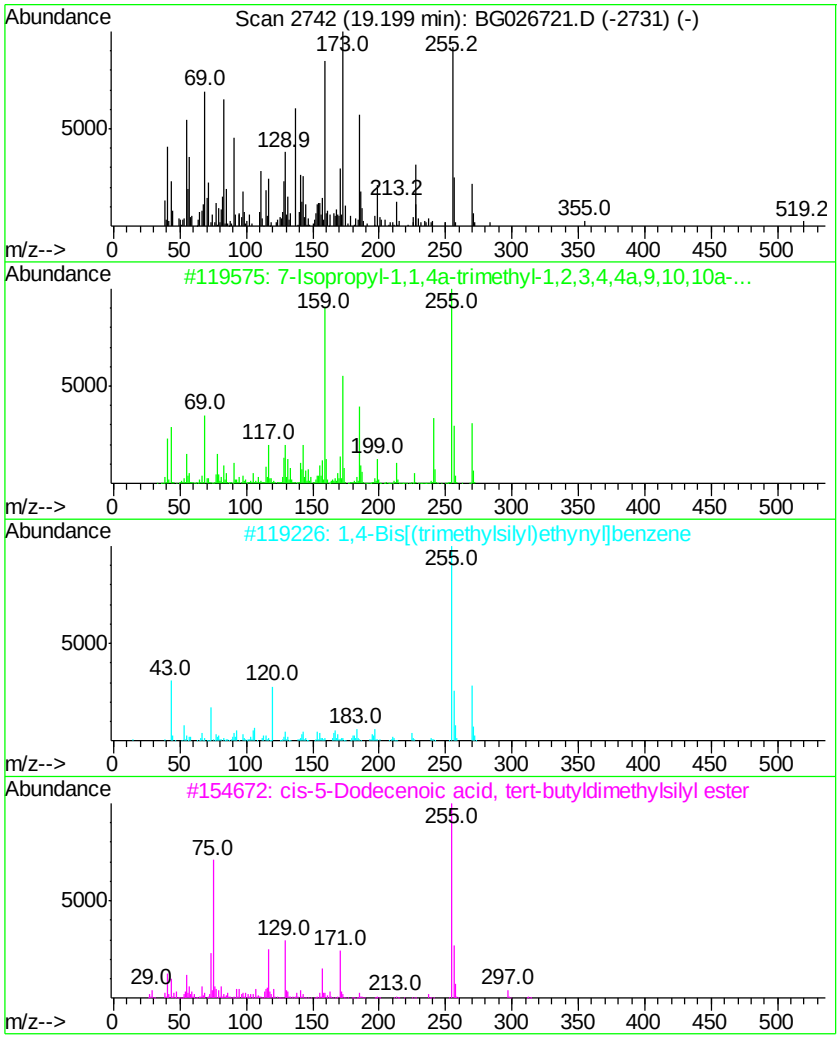
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG042717.M
Quant Title : SVOA CALIBRATION

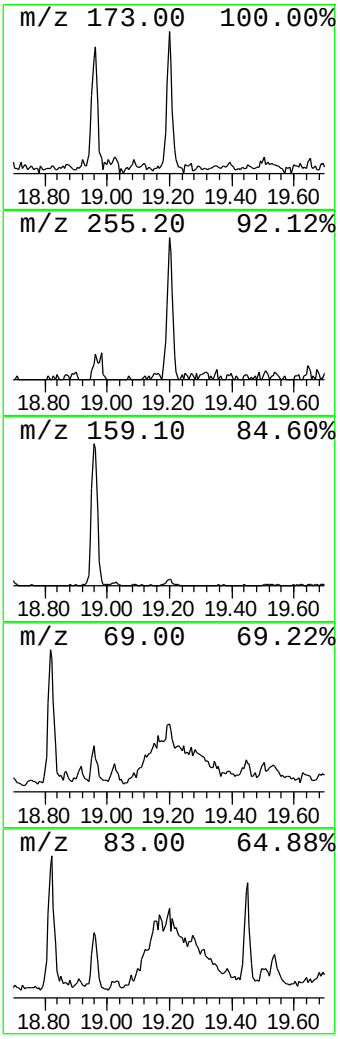
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 7-Isopropyl-1,1,4a-trimethy... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.20	2.49 ng/ul	306807	Phenanthrene-d10	17.35

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	7-Isopropyl-1,1,4a-trimethyl-1,2...	270	C20H30	1000210-28-9	83
2	1,4-Bis[(trimethylsilyl)ethynyl]...	270	C16H22Si2	073392-23-1	18
3	cis-5-Dodecenoic acid, tert-butv...	312	C18H36O2Si	1000333-63-6	11
4	Benzene, 1-methyl-3,5-bis(3-meth...	228	C17H24	055059-26-2	11
5	2(1H)-Quinolinone, 3,4-dimethyl-	173	C11H11NO	017336-90-2	11





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG042717\
Data File : BG026721.D
Acq On : 27 Apr 2017 20:40
Operator : SJ/MA
Sample : I2807-02
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : JHT65

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG042717.M
Quant Title : SVOA CALIBRATION

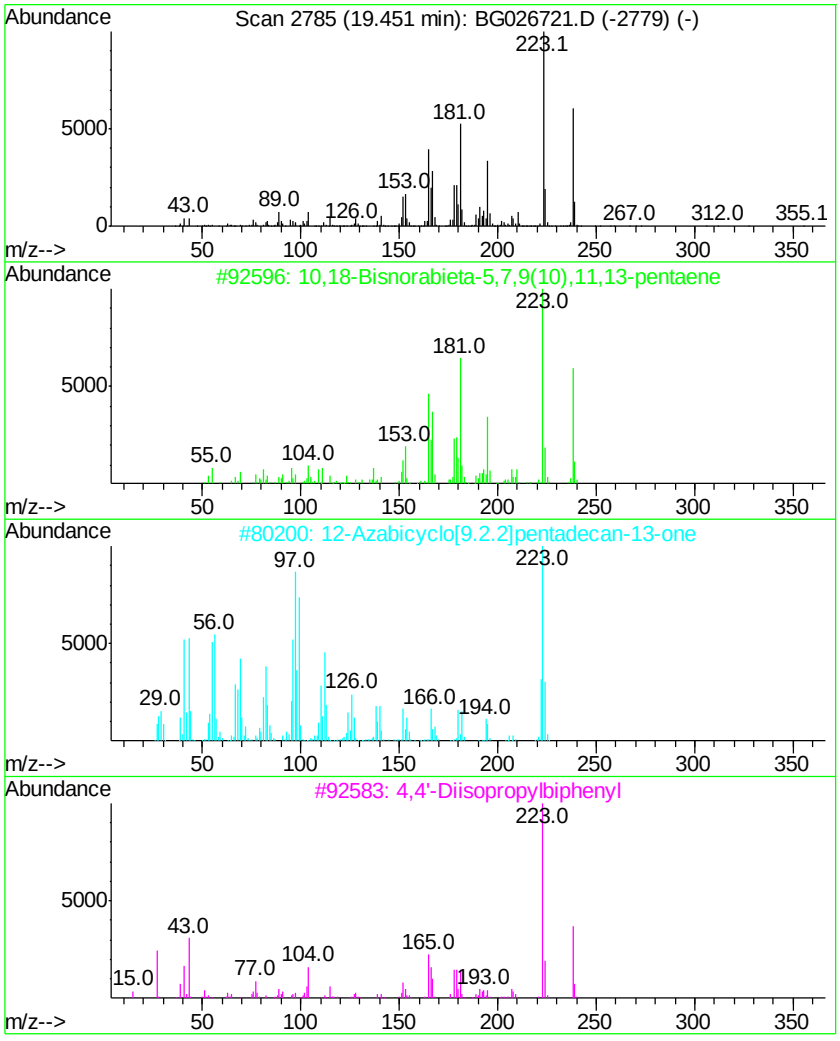
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

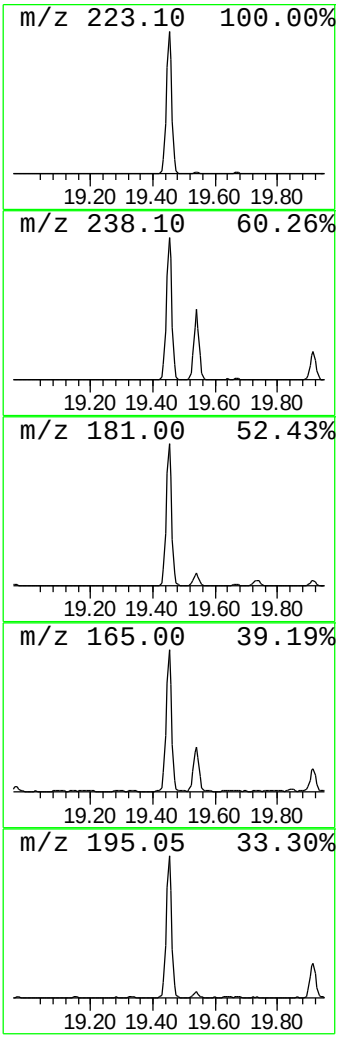
****

Peak Number 11 10,18-Bisnorabieta-5,7,9(10... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.45	27.64 ng/ul	3406450	Phenanthrene-d10	17.35

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	10,18-Bisnorabieta-5,7,9(10),11,...	238	C18H22	006566-19-4	99
2	12-Azabicyclo[9.2.2]pentadecan-1...	223	C14H25NO	1000191-26-7	60
3	4,4'-Diisopropylbiphenyl	238	C18H22	018970-30-4	50
4	3,4'-Diisopropylbiphenyl	238	C18H22	061434-46-6	50
5	4,4'-Diisopropylbiphenyl	238	C18H22	018970-30-4	50





Data Path : Z:\HPCHEM1\BNA G\DATA\BG042717\
Data File : BG026721.D
Acq On : 27 Apr 2017 20:40
Operator : SJ/MA
Sample : I2807-02
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : JHT65

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG042717.M
Quant Title : SVOA CALIBRATION

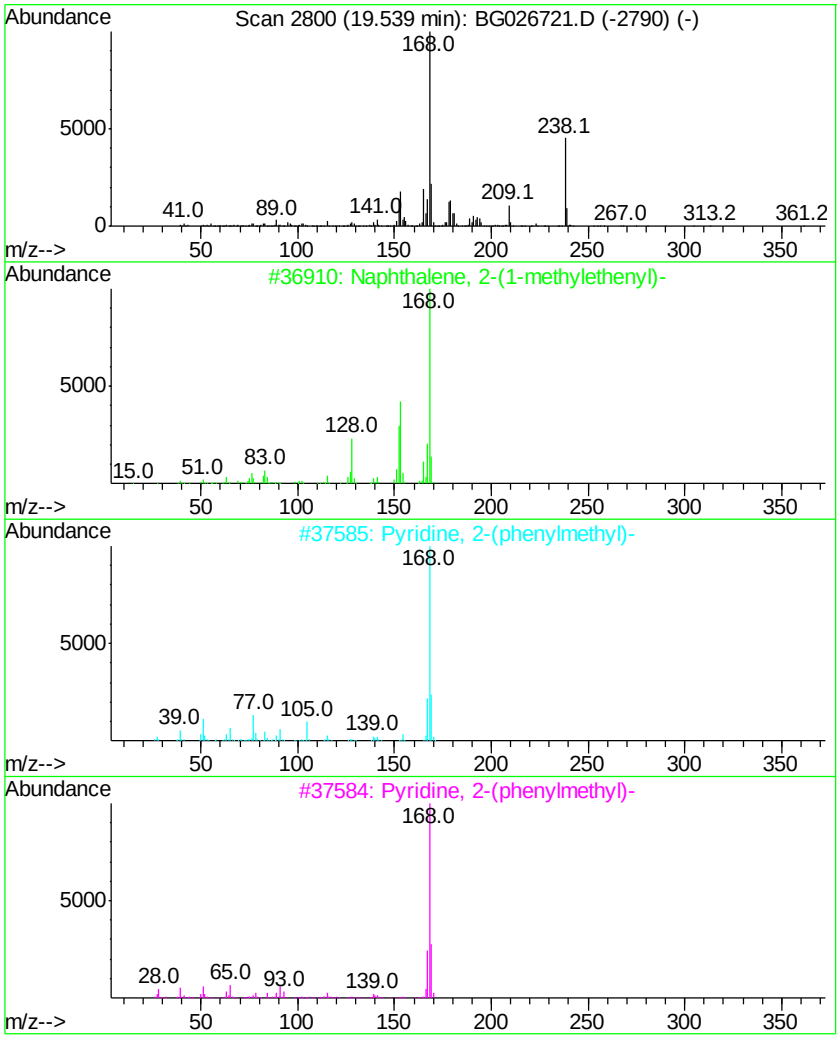
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

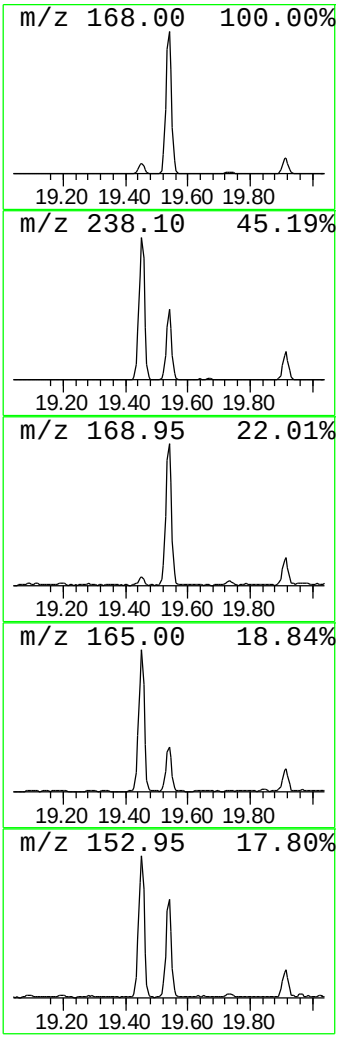
****

Peak Number 12 unknown-04 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.54	9.97 ng/ul	1528010	Chrysene-d12	21.60

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-(1-methylethenyl)-	168	C13H12	003710-23-4	43
2	Pyridine, 2-(phenylmethyl)-	169	C12H11N	000101-82-6	38
3	Pyridine, 2-(phenylmethyl)-	169	C12H11N	000101-82-6	38
4	1,1'-Biphenyl, 3-methyl-	168	C13H12	000643-93-6	38
5	1-Hydroxy-4-methoxyiminomethyl-2...	199	C9H17N3O2	344411-55-8	35





Data Path : Z:\HPCHEM1\BNA G\DATA\BG042717\
Data File : BG026721.D
Acq On : 27 Apr 2017 20:40
Operator : SJ/MA
Sample : I2807-02
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : JHT65

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG042717.M
Quant Title : SVOA CALIBRATION

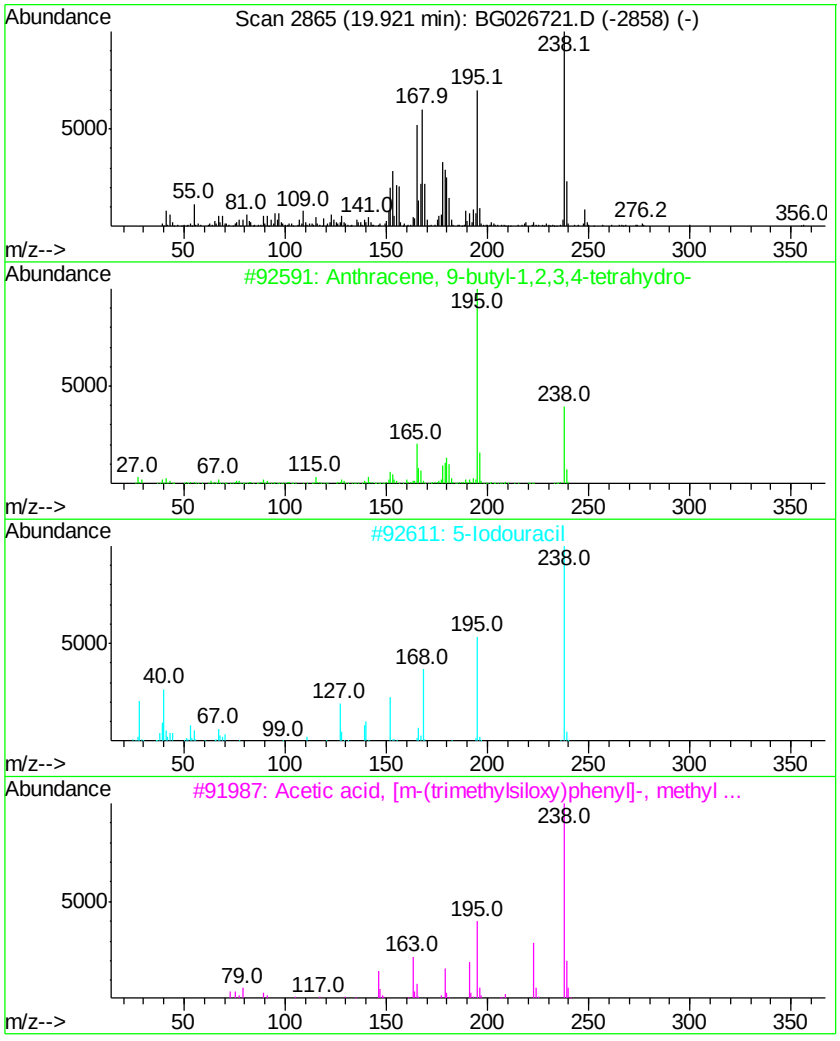
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

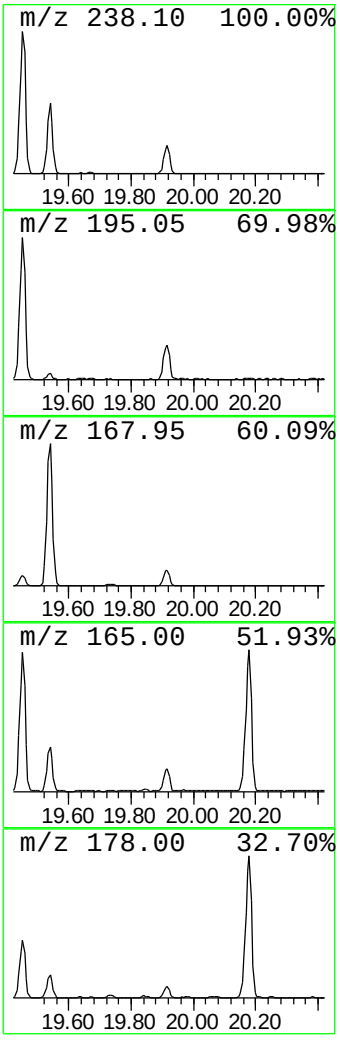
****

Peak Number 13 unknown-05 Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.92	3.69 ng/ul	566324	Chrysene-d12	21.60

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 9-butyl-1,2,3,4-tetr...	238	C18H22	1000151-39-2	49
2	5-Iodouracil	238	C4H3IN2O2	000696-07-1	35
3	Acetic acid, [m-(trimethylsiloxy...	238	C12H18O3Si	027798-61-4	27
4	Propanedioic acid, 3-methoxyphen...	238	C10H10N2O5	1000286-83-6	25
5	1,4-Anthracenedione, 2-hydroxy-5...	238	C15H10O3	055538-71-1	18





Data Path : Z:\HPCHEM1\BNA G\DATA\BG042717\
Data File : BG026721.D
Acq On : 27 Apr 2017 20:40
Operator : SJ/MA
Sample : I2807-02
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : JHT65

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG042717.M
Quant Title : SVOA CALIBRATION

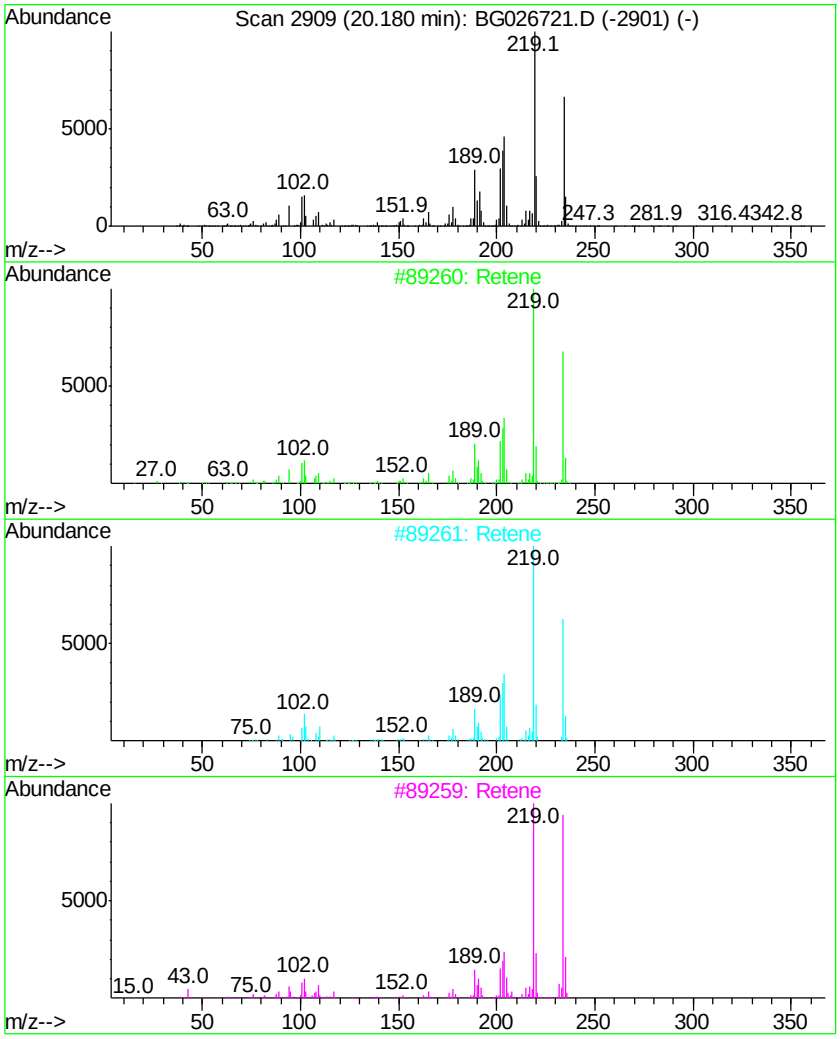
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

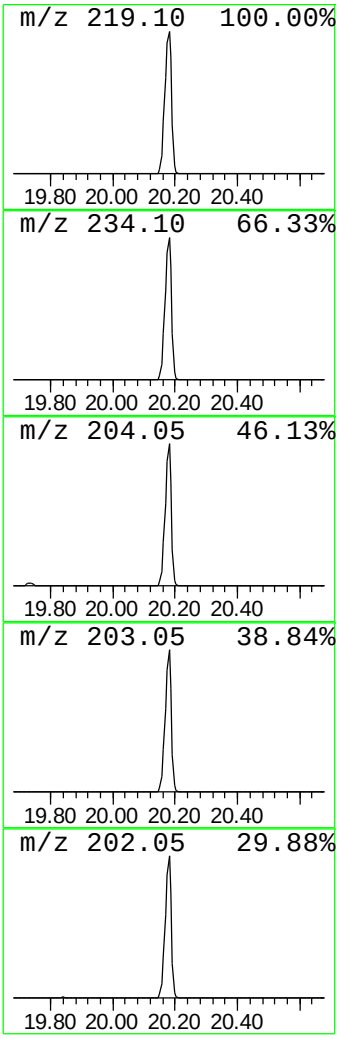
****

Peak Number 14 Retene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.18	125.35 ng/ul	19213600	Chrysene-d12	21.60

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Retene	234	C18H18	000483-65-8	99
2	Retene	234	C18H18	000483-65-8	97
3	Retene	234	C18H18	000483-65-8	93
4	Phenanthrene, 3,4,5,6-tetramethyl-	234	C18H18	007343-06-8	90
5	2-Isopropyl-10-methylphenanthrene	234	C18H18	066552-97-4	89





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG042717\
Data File : BG026721.D
Acq On : 27 Apr 2017 20:40
Operator : SJ/MA
Sample : I2807-02
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : JHT65

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG042717.M
Quant Title : SVOA CALIBRATION

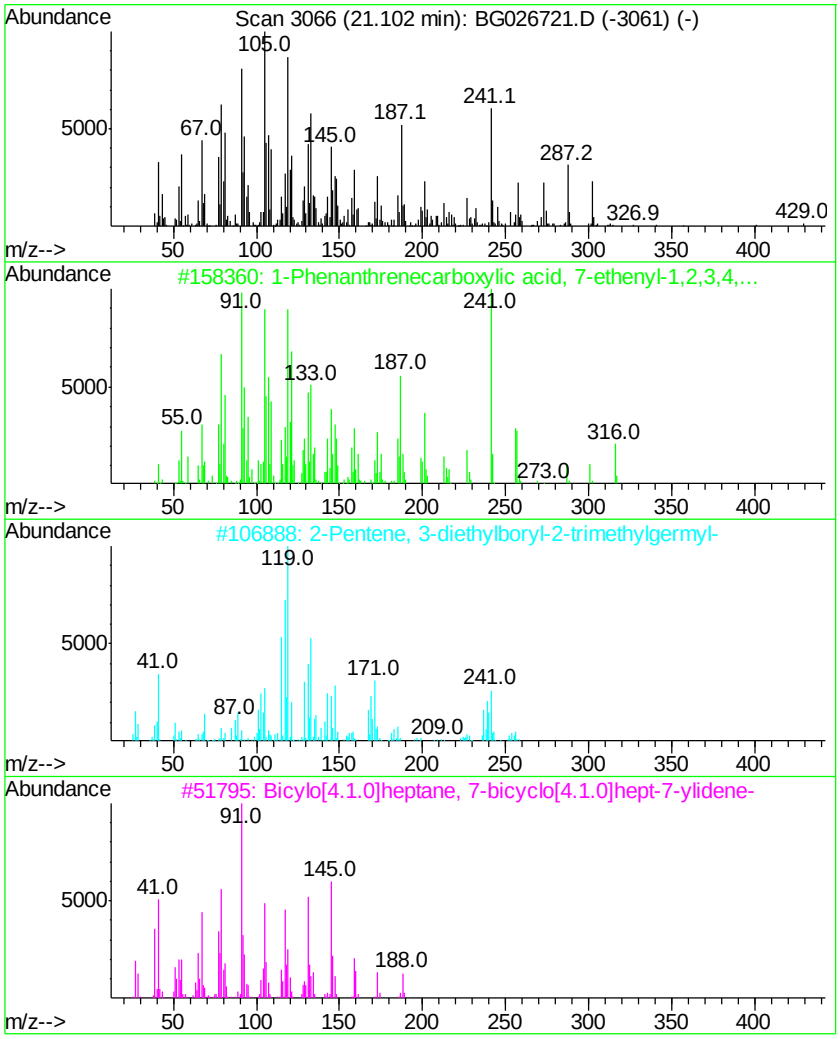
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

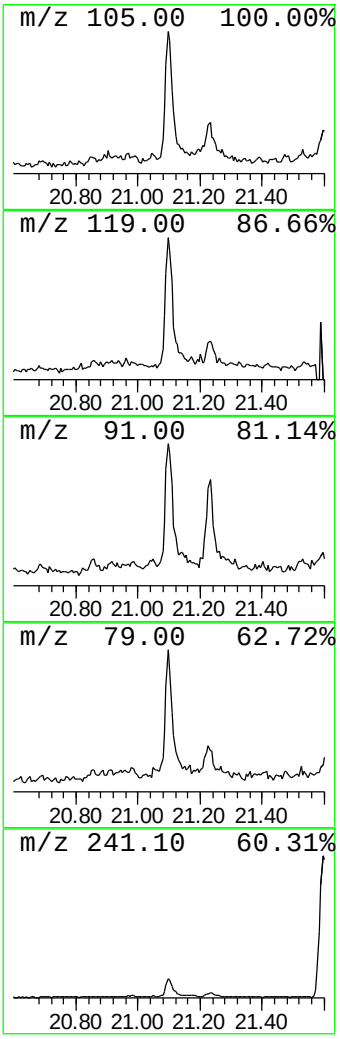
****

Peak Number 15 1-Phenanthrenecarboxylic ac... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.10	6.43 ng/ul	985615	Chrysene-d12	21.60

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Phenanthrenecarboxylic acid, 7...	316	C21H32O2	001686-62-0	58
2	2-Pentene, 3-diethylboryl-2-trim...	256	C12H27BGe	1000153-65-0	43
3	Bicyclo[4.1.0]heptane, 7-bicyclo[...	188	C14H20	1000152-39-9	25
4	Disiloxane, 1,1,3,3-tetramethyl-	134	C4H14OSi2	003277-26-7	18
5	Nicotine, 1'-demethyl-, (.+/-.)-	148	C9H12N2	005746-86-1	15





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG042717\
Data File : BG026721.D
Acq On : 27 Apr 2017 20:40
Operator : SJ/MA
Sample : I2807-02
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : JHT65

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG042717.M
Quant Title : SVOA CALIBRATION

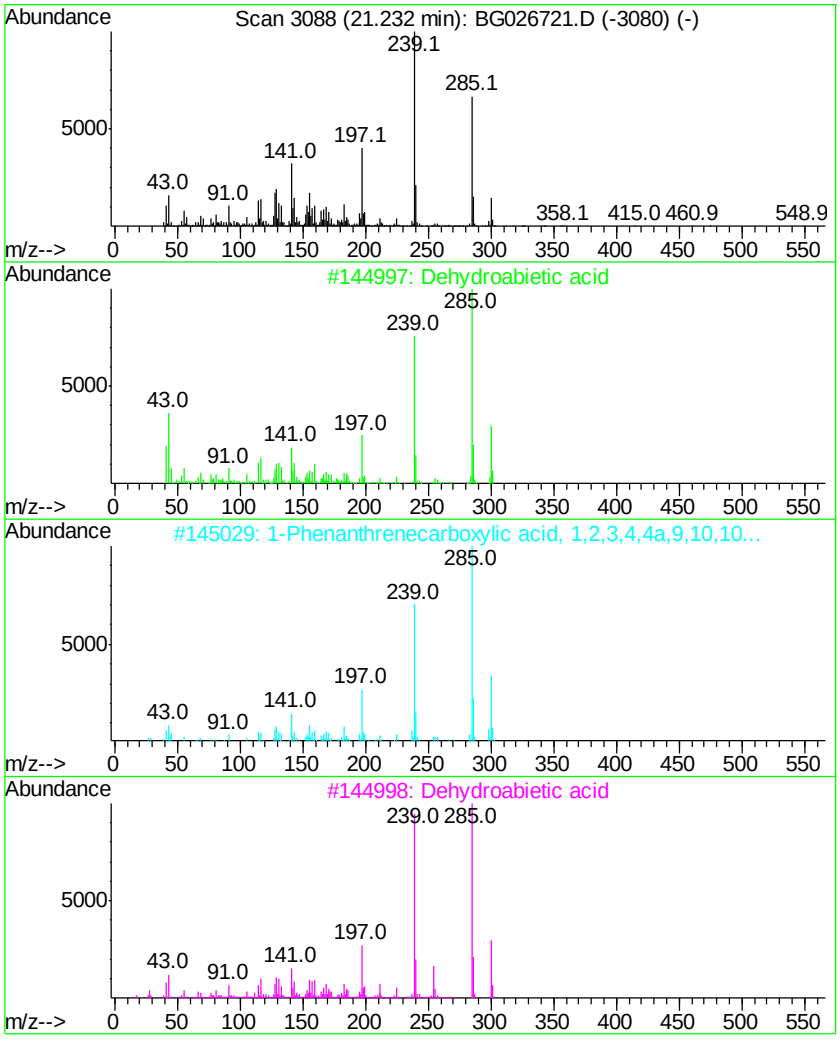
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

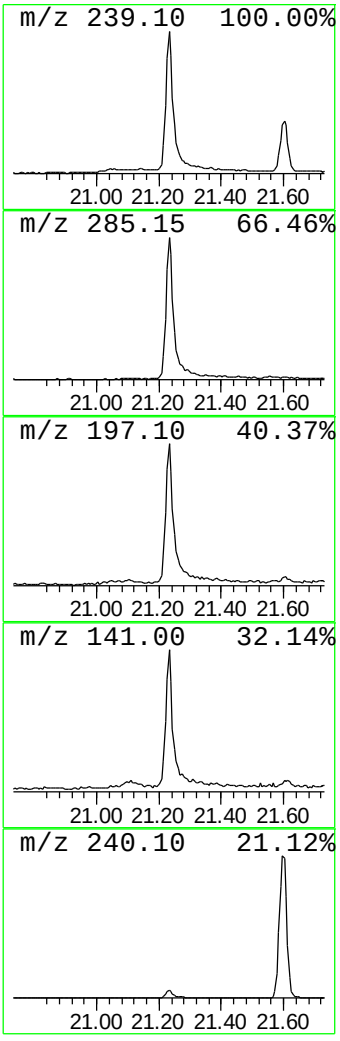
****

Peak Number 16 Dehydroabietic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.23	12.11 ng/ul	1856090	Chrysene-d12	21.60

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dehydroabietic acid	300	C20H28O2	001740-19-8	94
2	1-Phenanthrenecarboxylic acid, 1...	300	C20H28O2	005155-70-4	91
3	Dehydroabietic acid	300	C20H28O2	001740-19-8	72
4	trans-1,2-Bis(methyldichlorosily...	252	C4H8Cl4Si2	065899-10-7	60
5	Dehydroabietic acid	300	C20H28O2	001740-19-8	55





Data Path : Z:\HPCHEM1\BNA G\DATA\BG042717\
Data File : BG026721.D
Acq On : 27 Apr 2017 20:40
Operator : SJ/MA
Sample : I2807-02
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : JHT65

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG042717.M
Quant Title : SVOA CALIBRATION

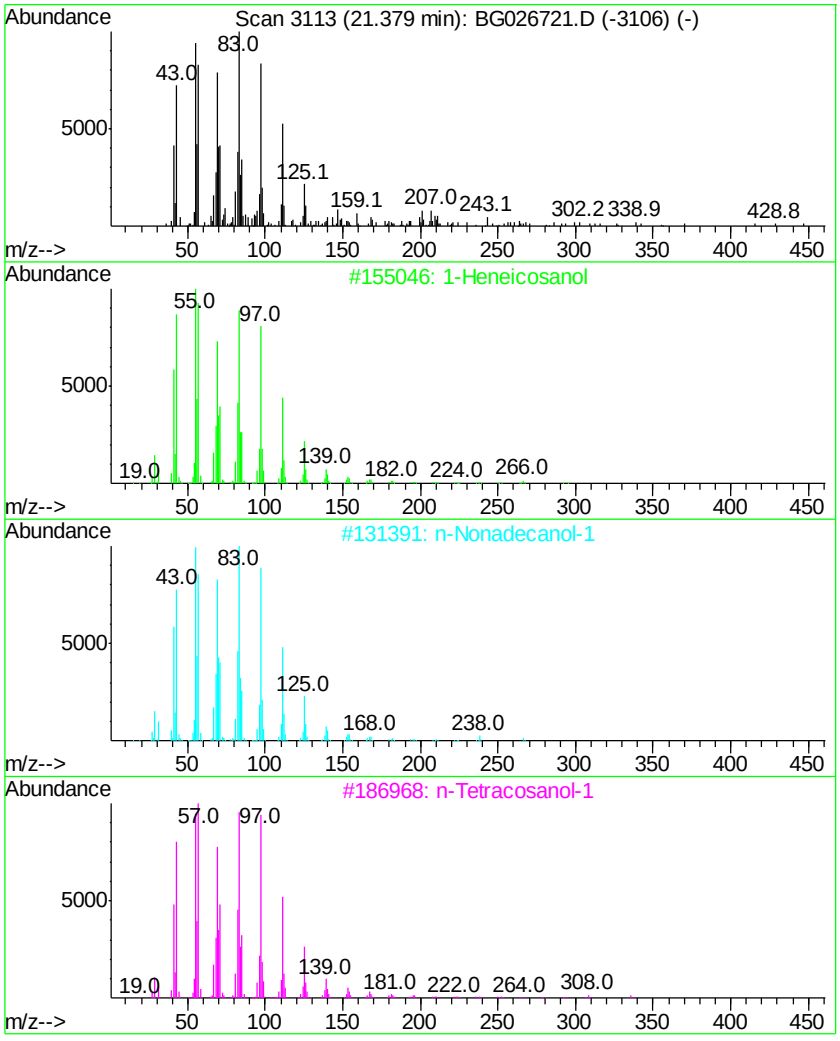
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

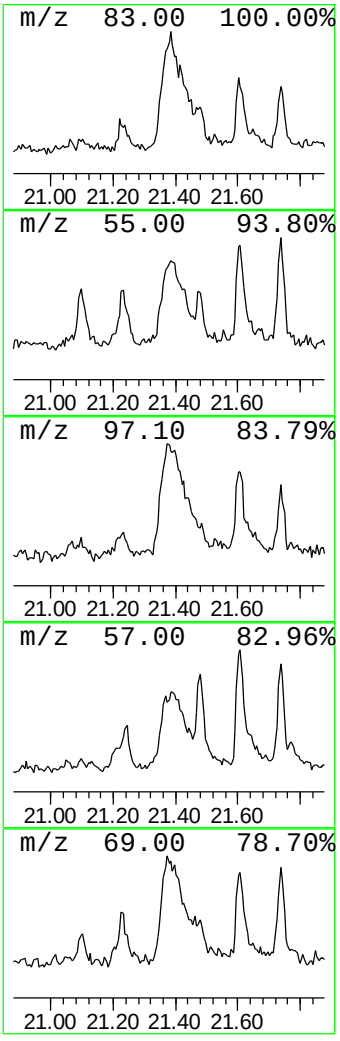
****

Peak Number 17 1-Heneicosanol Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.38	3.83 ng/ul	586875	Chrysene-d12	21.60

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Heneicosanol	312	C21H44O	015594-90-8	94
2	n-Nonadecanol-1	284	C19H40O	001454-84-8	94
3	n-Tetracosanol-1	354	C24H50O	000506-51-4	93
4	1-Octadecanol	270	C18H38O	000112-92-5	91
5	Cyclotetracosane	336	C24H48	000297-03-0	91





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG042717\
Data File : BG026721.D
Acq On : 27 Apr 2017 20:40
Operator : SJ/MA
Sample : I2807-02
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : JHT65

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG042717.M
Quant Title : SVOA CALIBRATION

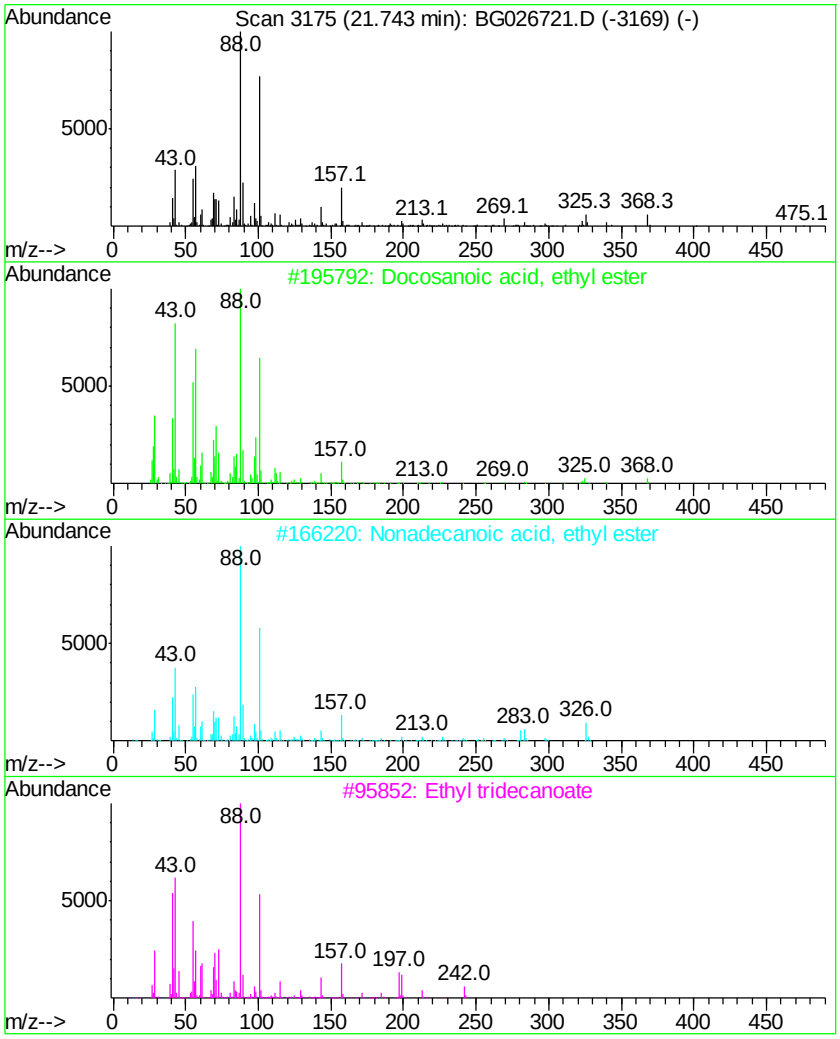
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

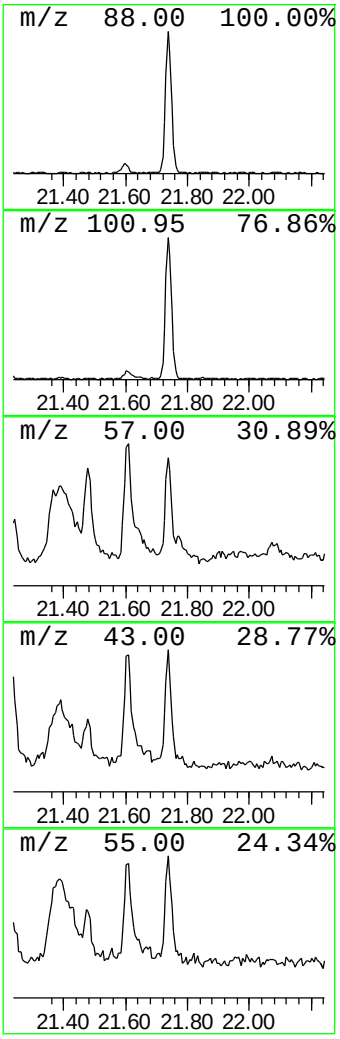
****

Peak Number 18 Docosanoic acid, ethyl ester Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.74	3.28 ng/ul	502257	Chrysene-d12	21.60

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Docosanoic acid, ethyl ester	368	C24H48O2	005908-87-2	93
2	Nonadecanoic acid, ethyl ester	326	C21H42O2	018281-04-4	91
3	Ethyl tridecanoate	242	C15H30O2	028267-29-0	90
4	Hexadecanoic acid, ethyl ester	284	C18H36O2	000628-97-7	90
5	Octadecanoic acid, ethyl ester	312	C20H40O2	000111-61-5	90





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG042717\
Data File : BG026721.D
Acq On : 27 Apr 2017 20:40
Operator : SJ/MA
Sample : I2807-02
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : JHT65

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG042717.M
Quant Title : SVOA CALIBRATION

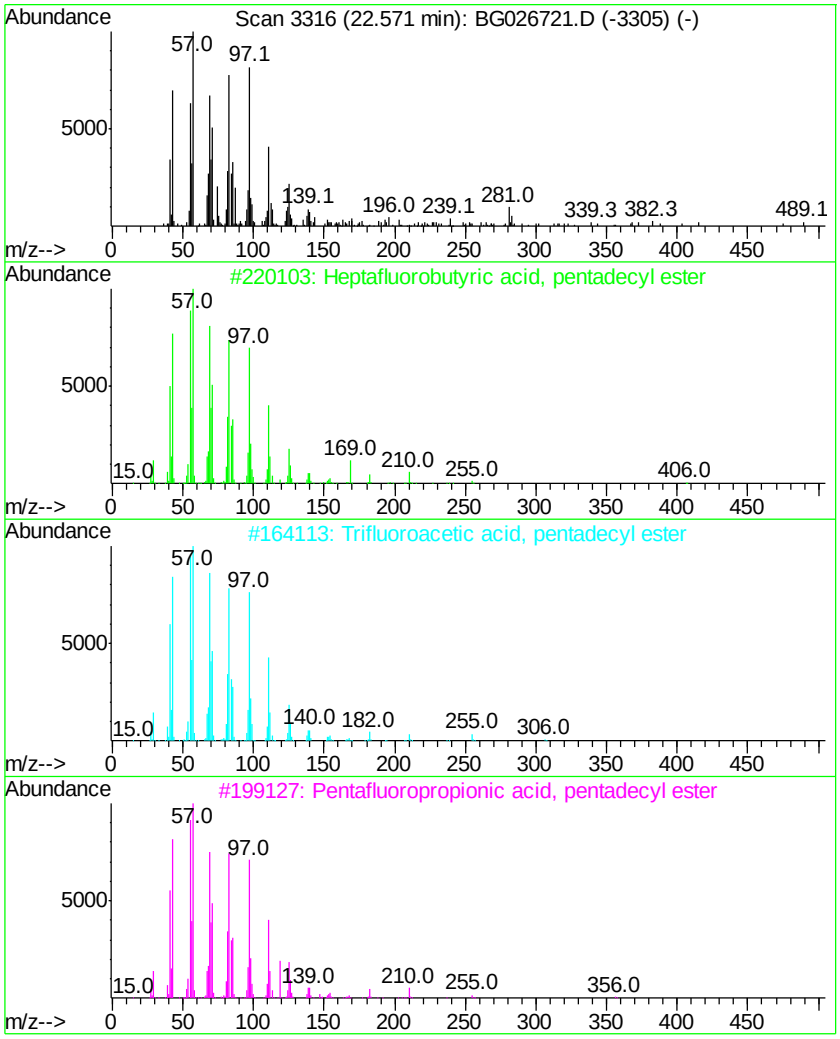
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

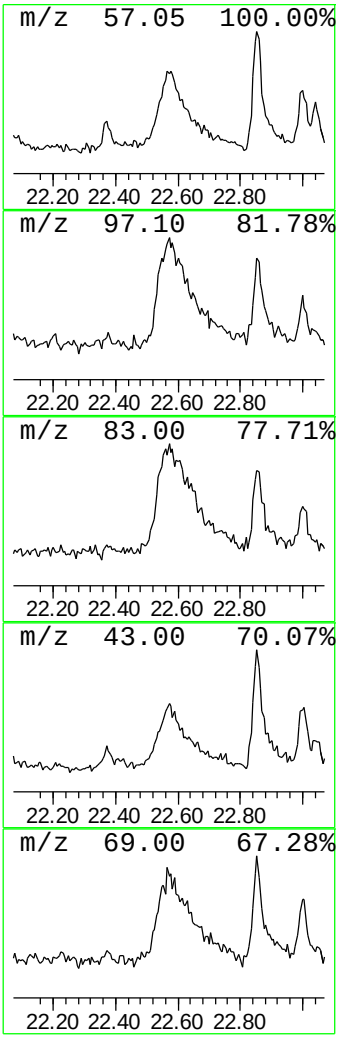
****

Peak Number 19 Heptafluorobutyric acid, pe... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.57	5.59 ng/ul	857123	Chrysene-d12	21.60

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptafluorobutyric acid, pentade...	424	C19H31F7O2	959261-23-5	94
2	Trifluoroacetic acid, pentadecyl...	324	C17H31F3O2	959010-23-2	94
3	Pentafluoropropionic acid, penta...	374	C18H31F5O2	959092-08-1	94
4	Heptadecyl trifluoroacetate	352	C19H35F3O2	1000351-87-0	93
5	Pentafluoropropionic acid, hepta...	402	C20H35F5O2	959218-78-1	93





Data Path : Z:\HPCHEM1\BNA G\DATA\BG042717\
Data File : BG026721.D
Acq On : 27 Apr 2017 20:40
Operator : SJ/MA
Sample : I2807-02
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : JHT65

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG042717.M
Quant Title : SVOA CALIBRATION

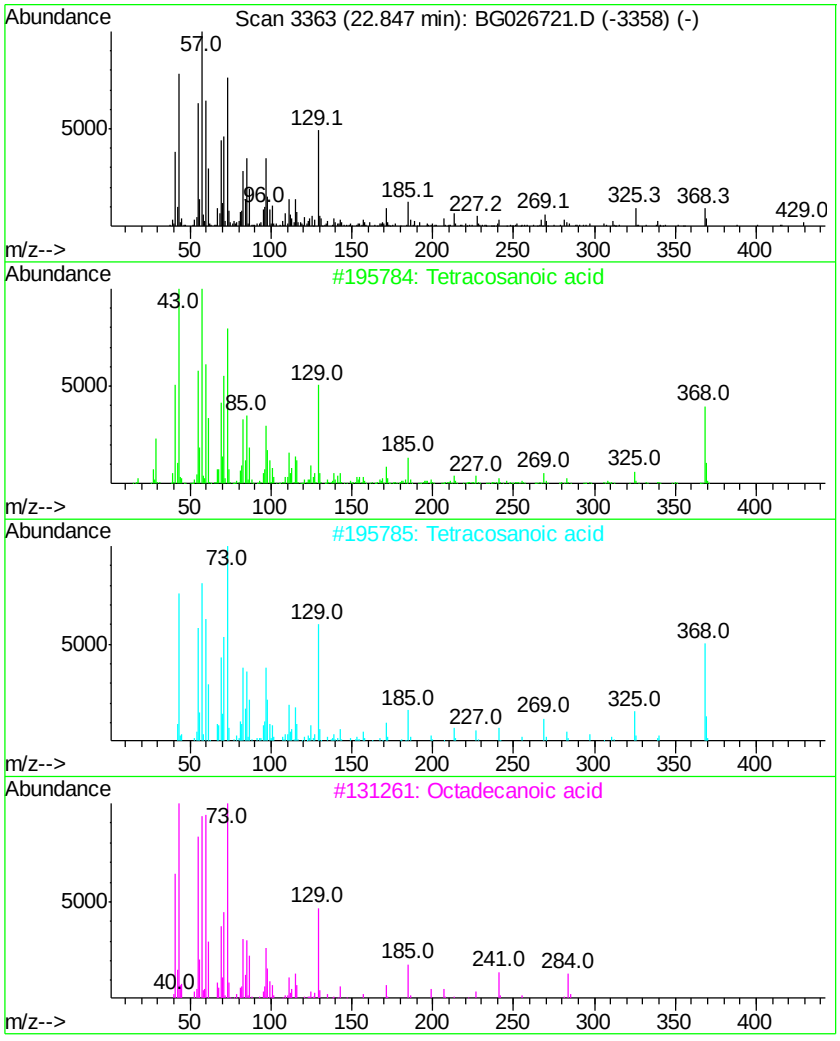
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

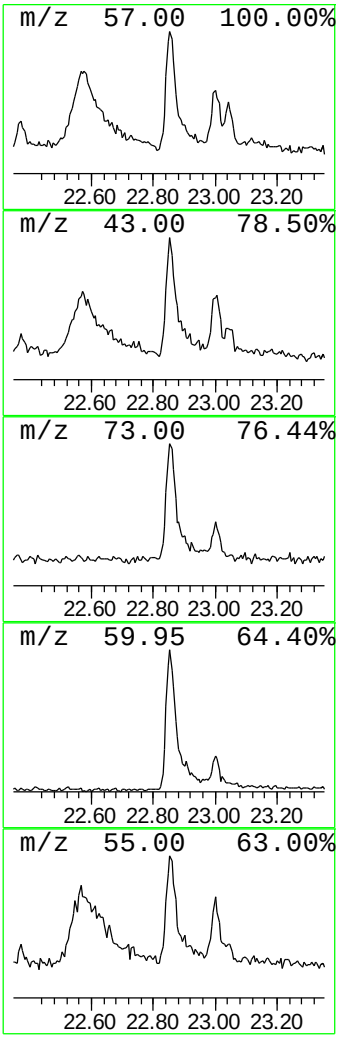
****

Peak Number 20 Tetracosanoic acid Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.85	5.77 ng/ul	883659	Chrysene-d12	21.60

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetracosanoic acid	368	C24H48O2	000557-59-5	96
2	Tetracosanoic acid	368	C24H48O2	000557-59-5	95
3	Octadecanoic acid	284	C18H36O2	000057-11-4	58
4	Tridecanoic acid	214	C13H26O2	000638-53-9	50
5	n-Decanoic acid	172	C10H20O2	000334-48-5	45





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG042717\
Data File : BG026721.D
Acq On : 27 Apr 2017 20:40
Operator : SJ/MA
Sample : I2807-02
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : JHT65

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG042717.M
Quant Title : SVOA CALIBRATION

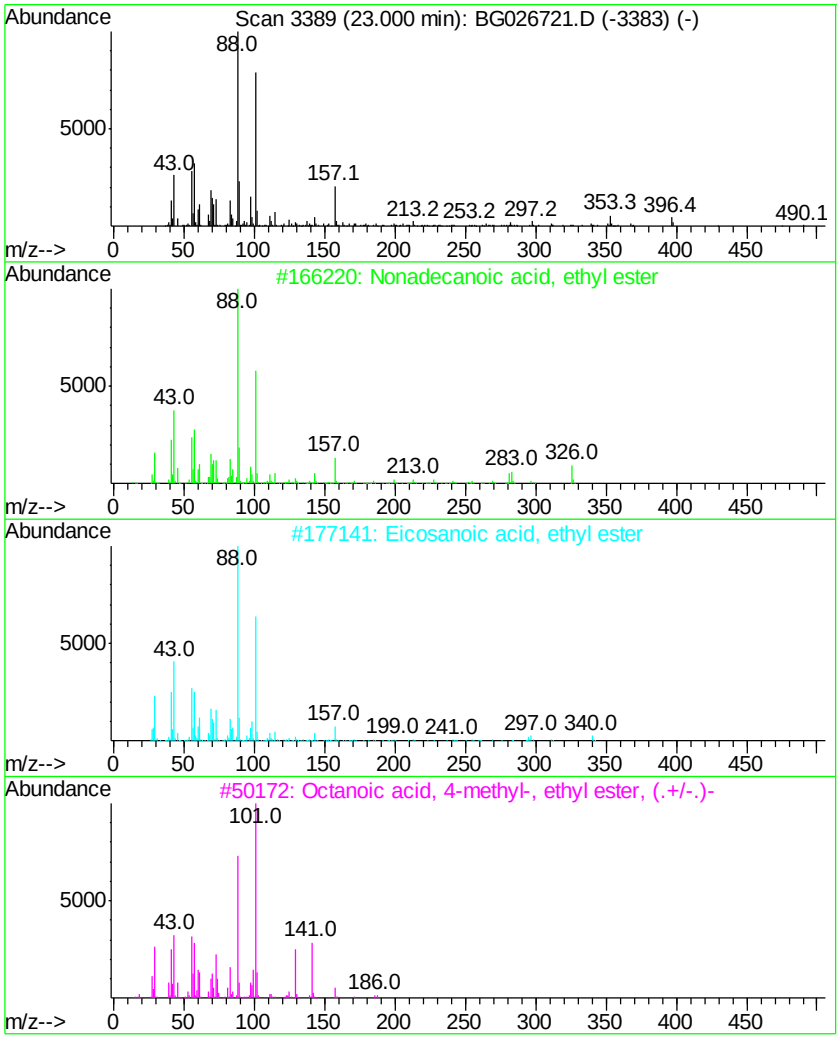
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

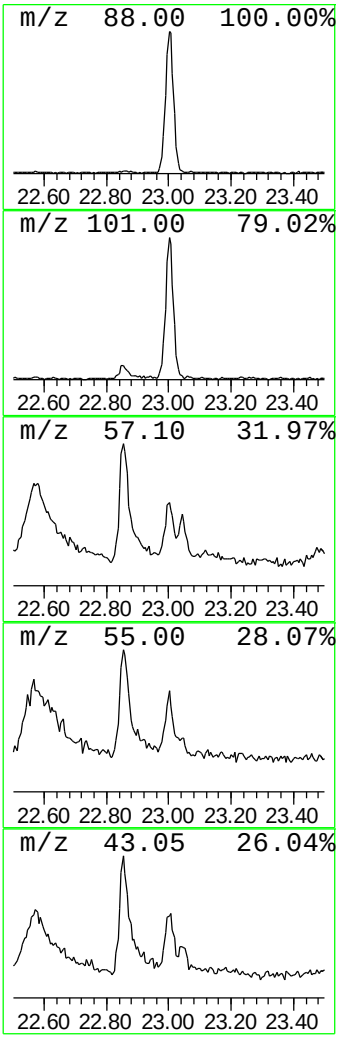
****

Peak Number 21 Nonadecanoic acid, ethyl ester Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.00	3.77 ng/ul	578225	Chrysene-d12	21.60

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecanoic acid, ethyl ester	326	C21H42O2	018281-04-4	86
2	Eicosanoic acid, ethyl ester	340	C22H44O2	018281-05-5	74
3	Octanoic acid, 4-methyl-, ethyl ...	186	C11H22O2	054831-51-5	60
4	Octadecanoic acid, ethyl ester	312	C20H40O2	000111-61-5	53
5	Ethyl tetracosanoate	396	C26H52O2	024634-95-5	52





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG042717\
Data File : BG026721.D
Acq On : 27 Apr 2017 20:40
Operator : SJ/MA
Sample : I2807-02
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : JHT65

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG042717.M
Quant Title : SVOA 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
Bicyclo[3.1.1]hep...	6.70	12.0	ng/ul	607261	1	8.01	1008890	20.0
(DEL) Alkane: Cyc...	7.43	2.0	ng/ul	102023	1	8.01	1008890	20.0
(DEL) Alkane: Str...	16.31	2.7	ng/ul	335553	4	17.35	2464490	20.0
unknown-01	18.10	2.2	ng/ul	266581	4	17.35	2464490	20.0
n-Hexadecanoic acid	18.24	2.3	ng/ul	285500	4	17.35	2464490	20.0
unknown-02	18.36	2.4	ng/ul	289425	4	17.35	2464490	20.0
unknown-03	18.64	8.8	ng/ul	1084290	4	17.35	2464490	20.0
18-Norabietane	18.82	8.8	ng/ul	1080630	4	17.35	2464490	20.0
4b,8-Dimethyl-2-i...	18.96	8.9	ng/ul	1093330	4	17.35	2464490	20.0
7-Isopropyl-1,1,4...	19.20	2.5	ng/ul	306807	4	17.35	2464490	20.0
10,18-Bisnorabiet...	19.45	27.6	ng/ul	3406450	4	17.35	2464490	20.0
unknown-04	19.54	10.0	ng/ul	1528010	5	21.60	3065580	20.0
unknown-05	19.92	3.7	ng/ul	566324	5	21.60	3065580	20.0
Retene	20.18	125.3	ng/ul	19213600	5	21.60	3065580	20.0
1-Phenanthrenecar...	21.10	6.4	ng/ul	985615	5	21.60	3065580	20.0
Dehydroabietic acid	21.23	12.1	ng/ul	1856090	5	21.60	3065580	20.0
1-Heneicosanol	21.38	3.8	ng/ul	586875	5	21.60	3065580	20.0
Docosanoic acid, ...	21.74	3.3	ng/ul	502257	5	21.60	3065580	20.0
Heptafluorobutyri...	22.57	5.6	ng/ul	857123	5	21.60	3065580	20.0
Tetracosanoic acid	22.85	5.8	ng/ul	883659	5	21.60	3065580	20.0
Nonadecanoic acid...	23.00	3.8	ng/ul	578225	5	21.60	3065580	20.0