LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG030816\
Data File : BG021367.D
Acq On : 8 Mar 2016 15:13
Operator : UM/SJ
Sample : H1655-12
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MS-SS-B350

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0.1 % 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\SOM02.2-EPA-BG030316.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	3.190	56	60	64	rBV2	2231	3187	1.50%	0.111%
2	3.260	69	72	77	rVB4	2307	3208	1.51%	0.112%
3	3.531	115	118	123	rVB	1832	2063	0.97%	0.072%
4	3.648	135	138	140	rBV3	495	570	0.27%	0.020%
5	3.813	163	166	169	rVB2	499	645	0.30%	0.023%
6	3.836	169	170	174	rBV2	672	563	0.27%	0.020%
7	4.200	228	232	236	rBV2	354	636	0.30%	0.022%
8	4.324	248	253	255	rBV2	462	845	0.40%	0.029%
9	4.394	262	265	266	rBV	649	427	0.20%	0.015%
10	4.494	280	282	285	rVB	463	426	0.20%	0.015%
11	4.553	290	292	296	rVB2	445	417	0.20%	0.015%
12	4.659	306	310	315	rVB2	439	678	0.32%	0.024%
13	4.759	324	327	331	rVB	357	437	0.21%	0.015%
14	4.835	338	340	345	rBV	287	426	0.20%	0.015%
15	4.923	351	355	357	rBV	398	515	0.24%	0.018%
16	5.182	396	399	402	rBB	422	620	0.29%	0.022%
17	5.205	402	403	407	rBV	622	798	0.38%	0.028%
18	5.399	434	436	438	rBV	551	442	0.21%	0.015%
19	6.057	545	548	551	rBB	327	421	0.20%	0.015%
20	7.273	748	755	765	rBB2	39776	66334	31.28%	2.314%
21	7.444	779	784	794	rBB	28171	46276	21.82%	1.614%
22	7.655	814	820	827	rBB	37425	61631	29.06%	2.150%
23	7.720	827	831	833	rBV	357	563	0.27%	0.020%
24	8.125	893	900	907	rBB	41410	68139	32.13%	2.377%
25	8.818	1011	1018	1027	rBV2	45353	74933	35.33%	2.614%
26	9.289	1091	1098	1106	rBB	38816	68233	32.17%	2.380%
27	9.670	1160	1163	1166	rBB	802	804	0.38%	0.028%
28	10.011	1214	1221	1228	rBB	33695	57766	27.24%	2.015%
29	10.546	1306	1312	1321	rBB	46688	78128	36.84%	2.726%
30	10.934	1371	1378	1386	rBB	61322	108359	51.09%	3.780%
31	11.063	1393	1400	1410	rVB	43091	76642	36.14%	2.674%
32	12.497	1641	1644	1648	rBB	446	549	0.26%	0.019%
33	13.542	1819	1822	1826	rBB	522	674	0.32%	0.024%
34	13.613	1830	1834	1838	rBV2	2022	2625	1.24%	0.092%

LSC Area Percent Report

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Acq On : 8 Mar 2016 15:13
Operator : UM/SJ
Sample : H1655-12
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MS-SS-B350

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0.1 % 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\SOM02.2-EPA-BG030316.M
Title : SVOA CALIBRATION

35	14.130	1916	1922	1927	rBV	86976	123702	58.33%	4.315%
36	14.177	1927	1930	1935	rVB	16227	21618	10.19%	0.754%
37	14.430	1966	1973	1980	rBB	95856	144946	68.35%	5.056%
38	14.606	2000	2003	2007	rBV	4568	4932	2.33%	0.172%
39	14.735	2018	2025	2031	rBB	97061	146945	69.29%	5.126%
40	14.911	2050	2055	2063	rBV	33718	54148	25.53%	1.889%
41	15.046	2074	2078	2079	rBV	553	656	0.31%	0.023%
42	15.099	2085	2087	2089	rBB	535	466	0.22%	0.016%
43	15.140	2090	2094	2097	rBB	3141	3763	1.77%	0.131%
44	15.217	2105	2107	2110	rBB	1009	1041	0.49%	0.036%
45	15.287	2116	2119	2122	rBB	533	578	0.27%	0.020%
46	15.511	2154	2157	2159	rBB	411	464	0.22%	0.016%
47	15.552	2160	2164	2171	rBB	7087	9400	4.43%	0.328%
48	15.652	2180	2181	2184	rBV	677	473	0.22%	0.017%
49	15.722	2187	2193	2199	rBB	125430	182664	86.13%	6.372%
50	15.828	2206	2211	2218	rVB2	35281	48009	22.64%	1.675%
51	15.957	2226	2233	2237	rBB	2798	4434	2.09%	0.155%
52	15.998	2237	2240	2241	rBB	815	478	0.23%	0.017%
53	16.057	2247	2250	2252	rBB	563	573	0.27%	0.020%
54	16.104	2255	2258	2261	rBB	1038	895	0.42%	0.031%
55	16.169	2268	2269	2273	rBB	799	706	0.33%	0.025%
56	16.410	2307	2310	2313	rBV	7210	9348	4.41%	0.326%
57	16.762	2365	2370	2372	rBV	920	1199	0.57%	0.042%
58	16.815	2377	2379	2381	rBB	597	467	0.22%	0.016%
59	17.203	2441	2445	2449	rVB	2510	3152	1.49%	0.110%
60	17.256	2452	2454	2458	rBB	1142	914	0.43%	0.032%
61	17.467	2484	2490	2496	rBV2	119615	176951	83.44%	6.173%
62	17.567	2501	2507	2515	rVV2	128489	192185	90.62%	6.704%
63	18.113	2596	2600	2602	rBV	334	509	0.24%	0.018%
64	18.213	2613	2617	2619	rBV	505	526	0.25%	0.018%
65	18.272	2624	2627	2628	rBV	795	638	0.30%	0.022%
66	18.284	2628	2629	2632	rVB	584	492	0.23%	0.017%
67	18.331	2633	2637	2642	rBV3	3034	4347	2.05%	0.152%
68	18.419	2647	2652	2656	rVB2	907	1294	0.61%	0.045%
69	18.795	2714	2716	2719	rVB	488	431	0.20%	0.015%
70	18.866	2723	2728	2732	rVB2	10532	11654	5.50%	0.407%
71	19.065	2761	2762	2767	rVB	343	485	0.23%	0.017%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG030816\
Data File : BG021367.D
Acq On : 8 Mar 2016 15:13
Operator : UM/SJ
Sample : H1655-12
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MS-SS-B350

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0.1 % 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\SOM02.2-EPA-BG030316.M
Title : SVOA CALIBRATION

72	19.136	2771	2774	2776	rBV2	466	672	0.32%	0.023%
73	19.183	2778	2782	2784	rBV	482	608	0.29%	0.021%
74	19.242	2789	2792	2795	rBV	325	416	0.20%	0.015%
75	19.306	2800	2803	2806	rBV	545	496	0.23%	0.017%
76	19.400	2818	2819	2823	rVB	640	515	0.24%	0.018%
77	19.482	2829	2833	2834	rBV	1358	1421	0.67%	0.050%
78	19.512	2834	2838	2842	rVB	3689	4336	2.04%	0.151%
79	19.565	2845	2847	2851	rBV	601	764	0.36%	0.027%
80	19.641	2856	2860	2861	rBV	432	493	0.23%	0.017%
81	19.682	2865	2867	2871	rBV2	326	518	0.24%	0.018%
82	19.729	2873	2875	2876	rBV2	795	800	0.38%	0.028%
83	19.841	2888	2894	2903	rBV	150669	212076	100.00%	7.398%
84	19.988	2916	2919	2920	rBV2	677	599	0.28%	0.021%
85	20.082	2933	2935	2937	rBV	717	676	0.32%	0.024%
86	20.170	2945	2950	2954	rVB	76963	90539	42.69%	3.158%
87	20.205	2954	2956	2957	rBV2	707	432	0.20%	0.015%
88	20.387	2985	2987	2988	rBV2	754	683	0.32%	0.024%
89	20.452	2997	2998	3000	rBV	913	698	0.33%	0.024%
90	20.616	3021	3026	3027	rBV2	1240	2177	1.03%	0.076%
91	20.663	3032	3034	3035	rVB2	1333	704	0.33%	0.025%
92	21.063	3100	3102	3103	rBV2	1468	1461	0.69%	0.051%
93	21.351	3147	3151	3160	rBV6	7915	17470	8.24%	0.609%
94	21.727	3209	3215	3228	rVB	123937	206126	97.19%	7.191%
95	23.196	3460	3465	3470	rVB3	15350	29668	13.99%	1.035%
96	23.560	3523	3527	3532	rVB5	6500	12610	5.95%	0.440%
97	24.012	3601	3604	3609	rVB4	9201	14399	6.79%	0.502%
98	24.753	3722	3730	3741	rVB2	56994	150535	70.98%	5.251%
99	24.976	3759	3768	3780	rVB3	71224	204830	96.58%	7.146%
100	26.104	3954	3960	3966	rVB4	10604	25350	11.95%	0.884%

Sum of corrected areas: 2866535

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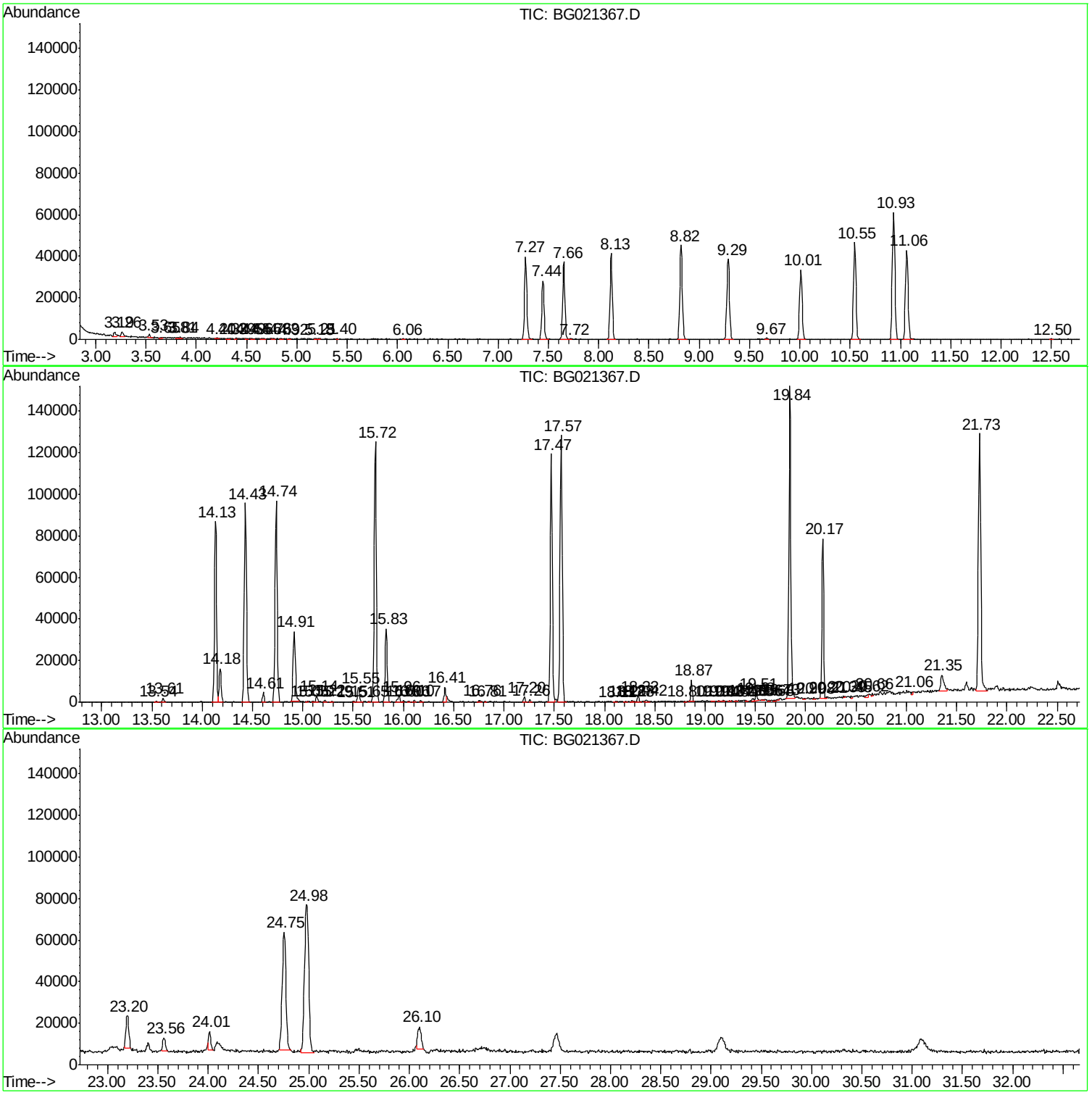
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MS-SS-B350

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG030316.M
Quant Title : SVOA CALIBRATION

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



Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG030816\
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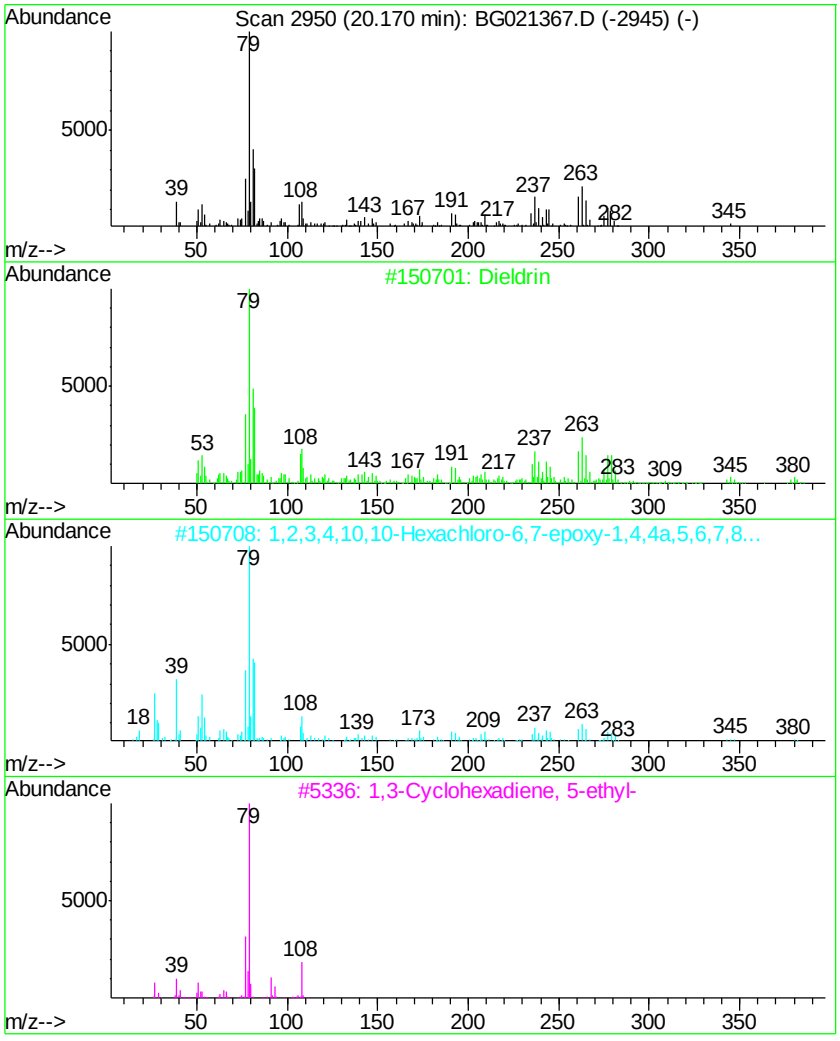
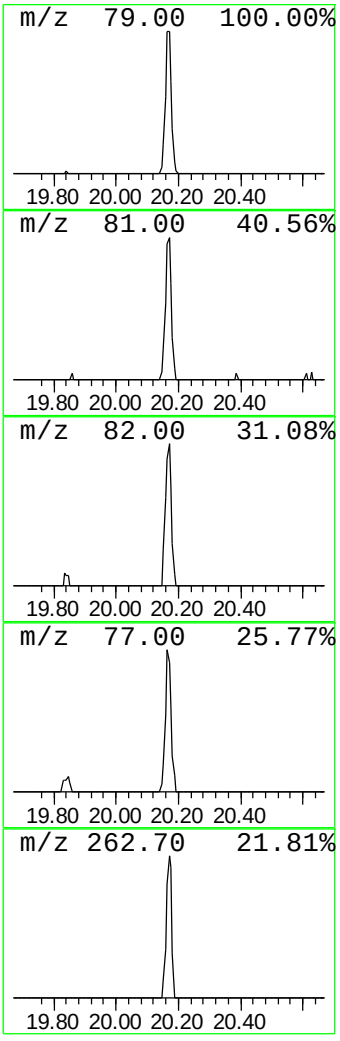
****

Peak Number 1 Dieldrin Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.17	8.78 ng/ul	90539	Chrysene-d12	21.73

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dieldrin	378	C12H8Cl6O	000060-57-1	91
2	1,2,3,4,10,10-Hexachloro-6,7-epo...	378	C12H8Cl6O	056816-04-7	53
3	1,3-Cyclohexadiene, 5-ethyl-	108	C8H12	040085-08-3	35
4	Cyclopropane, ethenylmethylene-	80	C6H8	019995-92-7	35
5	Cyclopropene, 3-methyl-3-vinyl-	80	C6H8	071153-30-5	35





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Operator : UM/SJ
Sample : H1655-12
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MS-SS-B350

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG030316.M
Quant Title : SVOA CALIBRATION

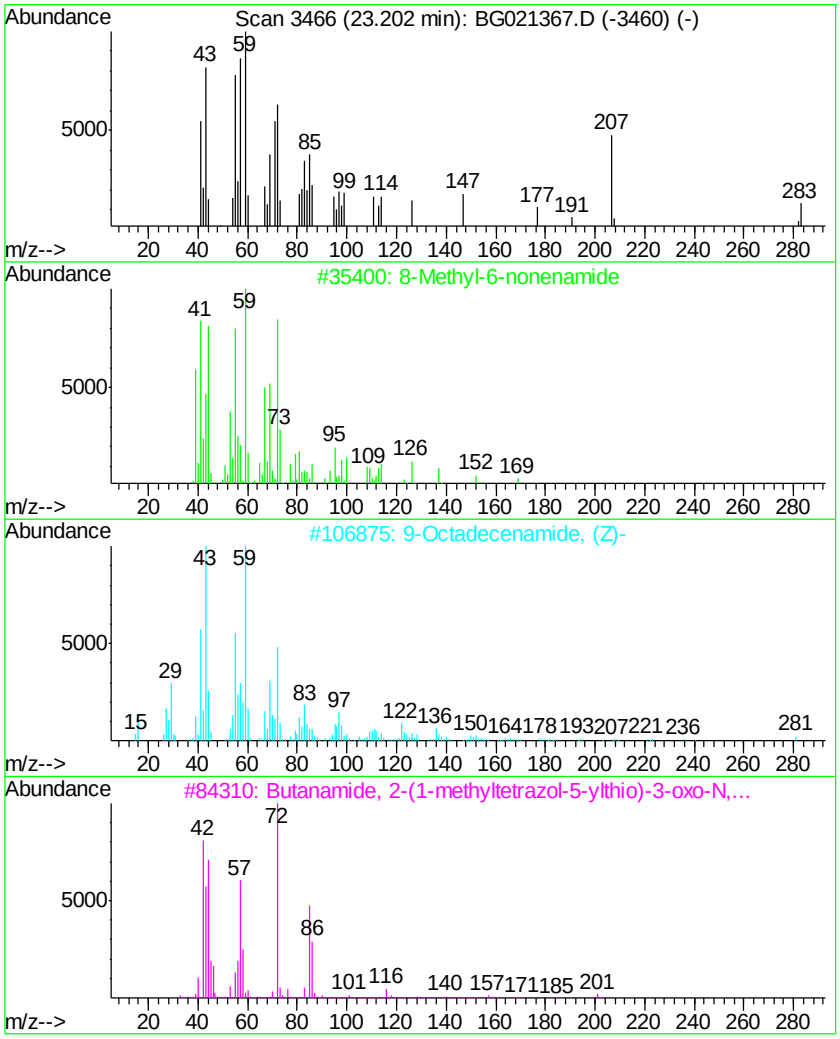
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

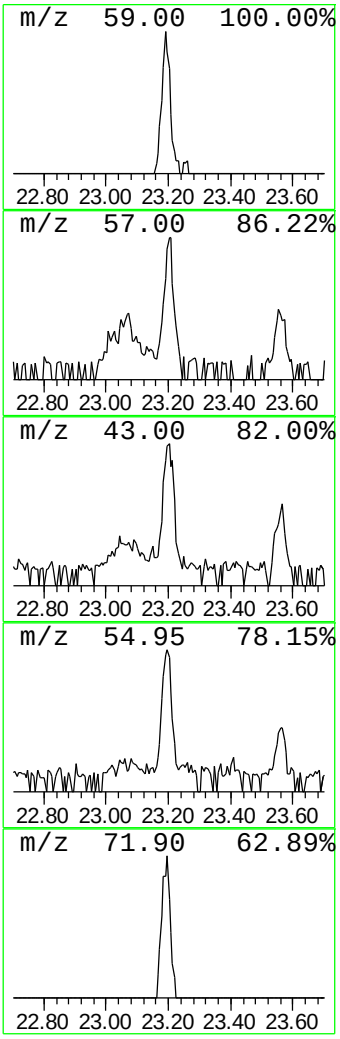
****

Peak Number 2 8-Methyl-6-nonenamide Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.20	2.88 ng/ul	29668	Chrysene-d12	21.73

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	8-Methyl-6-nonenamide	169	C10H19NO	1000293-20-9	53
2	9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	43
3	Butanamide, 2-(1-methyltetrazol-...	243	C8H13N5O2S	327990-50-1	35
4	2,11-Dimethyl-2,11-dodecanediol	230	C14H30O2	022092-59-7	35
5	1-Pyrrolidinyloxy, 3-hydroxy-2,2...	158	C8H16NO2	002154-37-2	35





Library Search Compound Report

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ClientSampleId : MS-SS-B350

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG030316.M
Quant Title : SVOA CALIBRATION

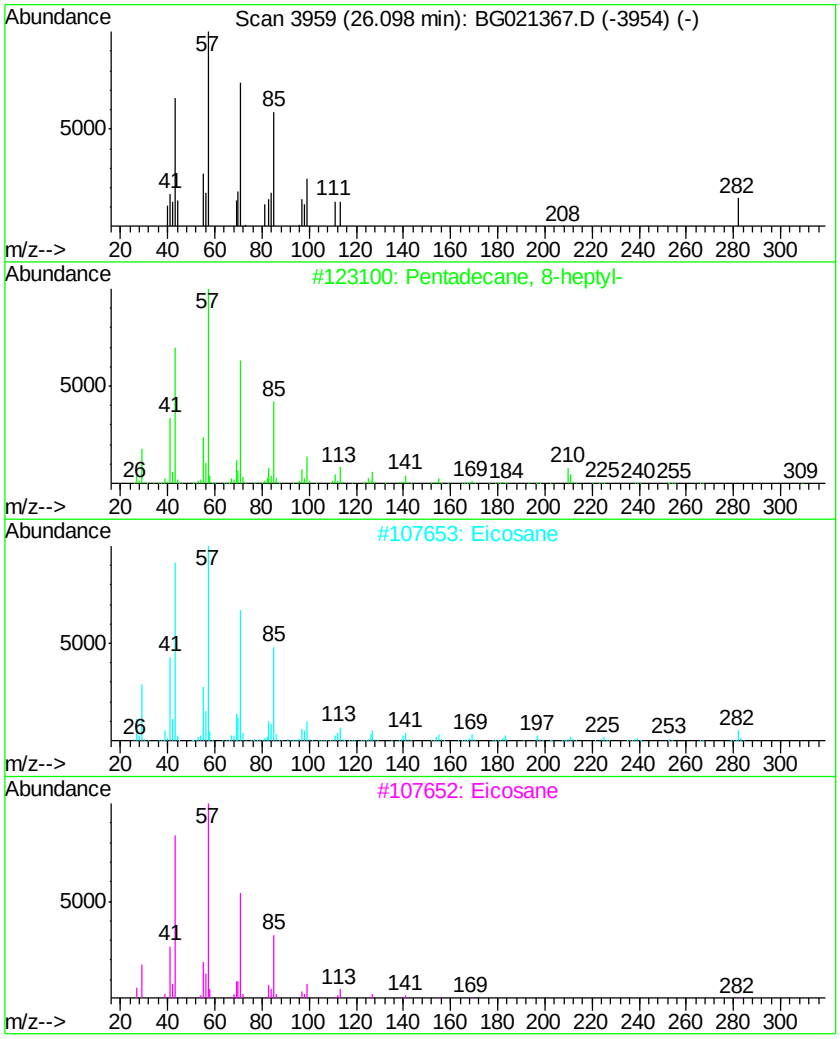
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

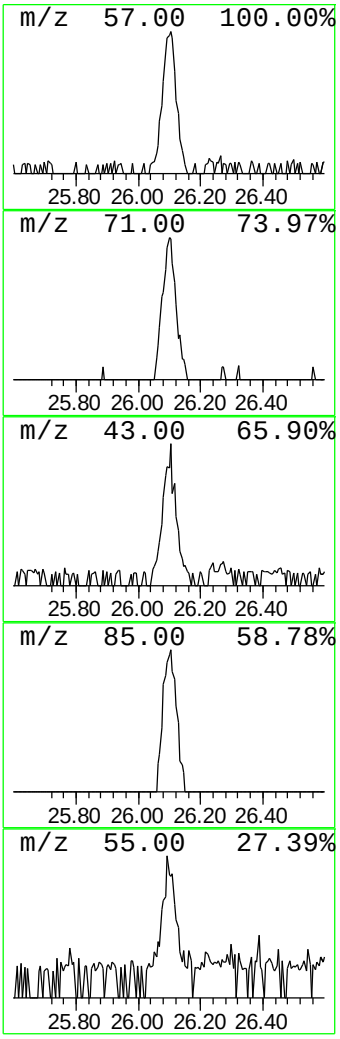
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
26.10	2.48 ng/ul	25350	Perylene-d12	24.98

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane, 8-heptyl-	310	C22H46	071005-15-7	72
2	Eicosane	282	C20H42	000112-95-8	70
3	Eicosane	282	C20H42	000112-95-8	68
4	Hexatriacontane	507	C36H74	000630-06-8	64
5	Eicosane, 7-hexyl-	366	C26H54	055333-99-8	59





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG030816\
Data File : BG021367.D
Acq On : 8 Mar 2016 15:13
Operator : UM/SJ
Sample : H1655-12
Misc :
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Instrument : BNA_G
ClientSampleId : MS-SS-B350

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG030316.M
Quant Title : SVOA 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
Dieldrin	20.17	8.8	ng/ul	90539	5	21.73	206126	20.0
8-Methyl-6-nonena...	23.20	2.9	ng/ul	29668	5	21.73	206126	20.0
(DEL) Alkane: Str...	26.10	2.5	ng/ul	25350	6	24.98	204830	20.0