LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG121416\
Data File : BG025180.D
Acq On : 14 Dec 2016 17:43
Operator : UM/SJ
Sample : H5970-19
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA858

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\SOM02.2-EPA-BG113016.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	3.584	122	127	134	rBV5	19302	38933	1.35%	0.120%
2	4.207	227	233	234	rBV4	5005	8963	0.31%	0.028%
3	4.359	252	259	266	rBV8	7222	19898	0.69%	0.062%
4	4.506	282	284	291	rVB4	4969	7108	0.25%	0.022%
5	4.806	330	335	339	rBV4	4308	6270	0.22%	0.019%
6	4.859	341	344	349	rBV4	3854	7041	0.24%	0.022%
7	4.988	363	366	372	rVB4	6163	9720	0.34%	0.030%
8	5.241	402	409	412	rVB6	4311	9724	0.34%	0.030%
9	5.305	412	420	423	rBV4	9835	20209	0.70%	0.063%
10	6.286	582	587	590	rBV6	3641	6268	0.22%	0.019%
11	6.310	590	591	596	rVB3	6338	7478	0.26%	0.023%
12	6.974	699	704	712	rBV6	5910	12052	0.42%	0.037%
13	7.050	712	717	720	rVB4	4570	6191	0.21%	0.019%
14	7.080	720	722	727	rBV4	5804	8674	0.30%	0.027%
15	7.203	736	743	751	rBV8	13574	41850	1.45%	0.129%
16	7.385	766	774	785	rBV	347983	672994	23.27%	2.082%
17	7.550	794	802	811	rBV	250845	421740	14.58%	1.305%
18	7.761	831	838	854	rBV	314770	596205	20.62%	1.845%
19	8.143	897	903	906	rVV6	10583	20225	0.70%	0.063%
20	8.237	911	919	931	rVB	283447	519030	17.95%	1.606%
21	8.431	947	952	955	rBV4	8772	16351	0.57%	0.051%
22	8.525	965	968	976	rVB6	5051	10716	0.37%	0.033%
23	8.719	999	1001	1006	rBV4	5268	7427	0.26%	0.023%
24	8.860	1024	1025	1030	rVB3	6075	6252	0.22%	0.019%
25	8.936	1030	1038	1057	rBV2	422149	839307	29.03%	2.597%
26	9.412	1111	1119	1127	rBV	366931	670228	23.18%	2.074%
27	9.495	1127	1133	1148	rVB5	31836	72563	2.51%	0.225%
28	9.688	1160	1166	1171	rVB6	3991	9523	0.33%	0.029%
29	9.741	1171	1175	1180	rBV5	6534	10992	0.38%	0.034%
30	10.141	1233	1243	1255	rBV2	328301	646395	22.35%	2.000%
31	10.346	1276	1278	1280	rBV4	5333	6325	0.22%	0.020%
32	10.376	1282	1283	1292	rVB4	7439	12008	0.42%	0.037%
33	10.493	1301	1303	1306	rVB3	6230	6006	0.21%	0.019%
34	10.523	1306	1308	1311	rBV3	4992	6047	0.21%	0.019%

LSC Area Percent Report

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Data File : BG025180.D
Acq On : 14 Dec 2016 17:43
Operator : UM/SJ
Sample : H5970-19
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA858

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\SOM02.2-EPA-BG113016.M
Title : SVOA CALIBRATION

35	10.681	1326	1335	1347	rBV	471307	888815	30.74%	2.750%
36	11.063	1392	1400	1410	rBV	428608	797284	27.57%	2.467%
37	11.198	1414	1423	1433	rBV	444078	859995	29.74%	2.661%
38	11.604	1485	1492	1493	rBV5	5928	7448	0.26%	0.023%
39	11.827	1524	1530	1532	rBV5	8708	12852	0.44%	0.040%
40	12.109	1575	1578	1583	rVB4	3970	6214	0.21%	0.019%
41	12.632	1661	1667	1674	rVB7	11405	21487	0.74%	0.066%
42	12.820	1696	1699	1703	rBV4	6212	7762	0.27%	0.024%
43	12.949	1718	1721	1728	rVB6	6400	10758	0.37%	0.033%
44	13.214	1760	1766	1772	rVB6	7826	15592	0.54%	0.048%
45	13.443	1801	1805	1810	rBV4	8917	13556	0.47%	0.042%
46	13.507	1811	1816	1822	rBV4	15019	24630	0.85%	0.076%
47	13.719	1846	1852	1858	rBV3	21542	37854	1.31%	0.117%
48	13.860	1873	1876	1880	rVB5	3901	6039	0.21%	0.019%
49	13.919	1880	1886	1892	rBV7	4107	9974	0.34%	0.031%
50	13.977	1892	1896	1901	rVB5	5458	9285	0.32%	0.029%
51	14.248	1934	1942	1946	rBV	989881	1499541	51.86%	4.640%
52	14.295	1946	1950	1960	rVB	776753	1141227	39.47%	3.531%
53	14.477	1973	1981	1984	rBV6	6759	15372	0.53%	0.048%
54	14.559	1985	1995	2005	rVV	1003418	1662843	57.51%	5.145%
55	14.694	2015	2018	2024	rBV4	12833	21223	0.73%	0.066%
56	14.859	2036	2046	2059	rBV	832025	1296318	44.83%	4.011%
57	15.059	2071	2080	2092	rBV2	423427	837137	28.95%	2.590%
58	15.229	2107	2109	2112	rBV4	5300	6108	0.21%	0.019%
59	15.599	2168	2172	2176	rBV4	14138	24291	0.84%	0.075%
60	15.646	2176	2180	2186	rVV2	42185	57634	1.99%	0.178%
61	15.711	2186	2191	2194	rVB7	5789	7637	0.26%	0.024%
62	15.846	2205	2214	2225	rBV	1457781	2262281	78.24%	7.000%
63	15.969	2226	2235	2242	rBV	491783	754719	26.10%	2.335%
64	16.087	2251	2255	2262	rVB6	22012	36576	1.26%	0.113%
65	16.146	2262	2265	2268	rVB5	8818	8966	0.31%	0.028%
66	16.198	2268	2274	2278	rBV8	11735	21863	0.76%	0.068%
67	16.269	2282	2286	2289	rVB5	8753	10863	0.38%	0.034%
68	16.375	2302	2304	2310	rBV7	6258	8792	0.30%	0.027%
69	16.504	2321	2326	2337	rBV2	50294	102105	3.53%	0.316%
70	16.710	2358	2361	2366	rVB6	7895	11293	0.39%	0.035%
71	16.768	2368	2371	2372	rBV3	7297	6830	0.24%	0.021%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG121416\
Data File : BG025180.D
Acq On : 14 Dec 2016 17:43
Operator : UM/SJ
Sample : H5970-19
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA858

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\SOM02.2-EPA-BG113016.M
Title : SVOA CALIBRATION

72	16.845	2381	2384	2390	rBV7	8857	16885	0.58%	0.052%
73	16.974	2398	2406	2408	rVB8	10313	20035	0.69%	0.062%
74	17.080	2421	2424	2429	rVB6	6179	10024	0.35%	0.031%
75	17.244	2449	2452	2455	rBV5	5649	7295	0.25%	0.023%
76	17.297	2456	2461	2464	rVB2	38855	49086	1.70%	0.152%
77	17.344	2465	2469	2473	rVV6	12148	20791	0.72%	0.064%
78	17.385	2473	2476	2480	rVB6	7566	11545	0.40%	0.036%
79	17.532	2499	2501	2506	rBV4	7263	10119	0.35%	0.031%
80	17.603	2506	2513	2521	rVV	1018812	1587808	54.91%	4.913%
81	17.703	2522	2530	2539	rVB2	1522893	2389582	82.64%	7.393%
82	17.938	2562	2570	2583	rBV2	213222	518162	17.92%	1.603%
83	18.032	2583	2586	2595	rVB6	24443	44423	1.54%	0.137%
84	18.214	2615	2617	2620	rBV4	5810	6919	0.24%	0.021%
85	18.437	2651	2655	2667	rBV2	123145	186904	6.46%	0.578%
86	18.525	2667	2670	2677	rVB7	13002	22335	0.77%	0.069%
87	18.578	2677	2679	2682	rBV4	5579	6694	0.23%	0.021%
88	18.719	2699	2703	2707	rBV6	15746	26092	0.90%	0.081%
89	18.766	2708	2711	2716	rVB7	8853	12403	0.43%	0.038%
90	18.825	2718	2721	2723	rBV4	9581	14350	0.50%	0.044%
91	19.107	2767	2769	2775	rVB7	10685	17397	0.60%	0.054%
92	19.295	2796	2801	2817	rVB3	157015	365566	12.64%	1.131%
93	19.612	2850	2855	2859	rVB3	27229	43603	1.51%	0.135%
94	19.694	2867	2869	2873	rBV5	12043	16233	0.56%	0.050%
95	19.912	2902	2906	2908	rBV5	21509	26593	0.92%	0.082%
96	19.976	2909	2917	2930	rVB	1887588	2891628	100.00%	8.947%
97	21.475	3167	3172	3186	rBV6	82665	235590	8.15%	0.729%
98	21.892	3236	3243	3252	rBV	1052028	1875649	64.86%	5.803%
99	25.076	3775	3785	3797	rVB2	922159	2763699	95.58%	8.551%
100	25.311	3815	3825	3837	rVB2	592830	1839089	63.60%	5.690%

Sum of corrected areas: 32320376

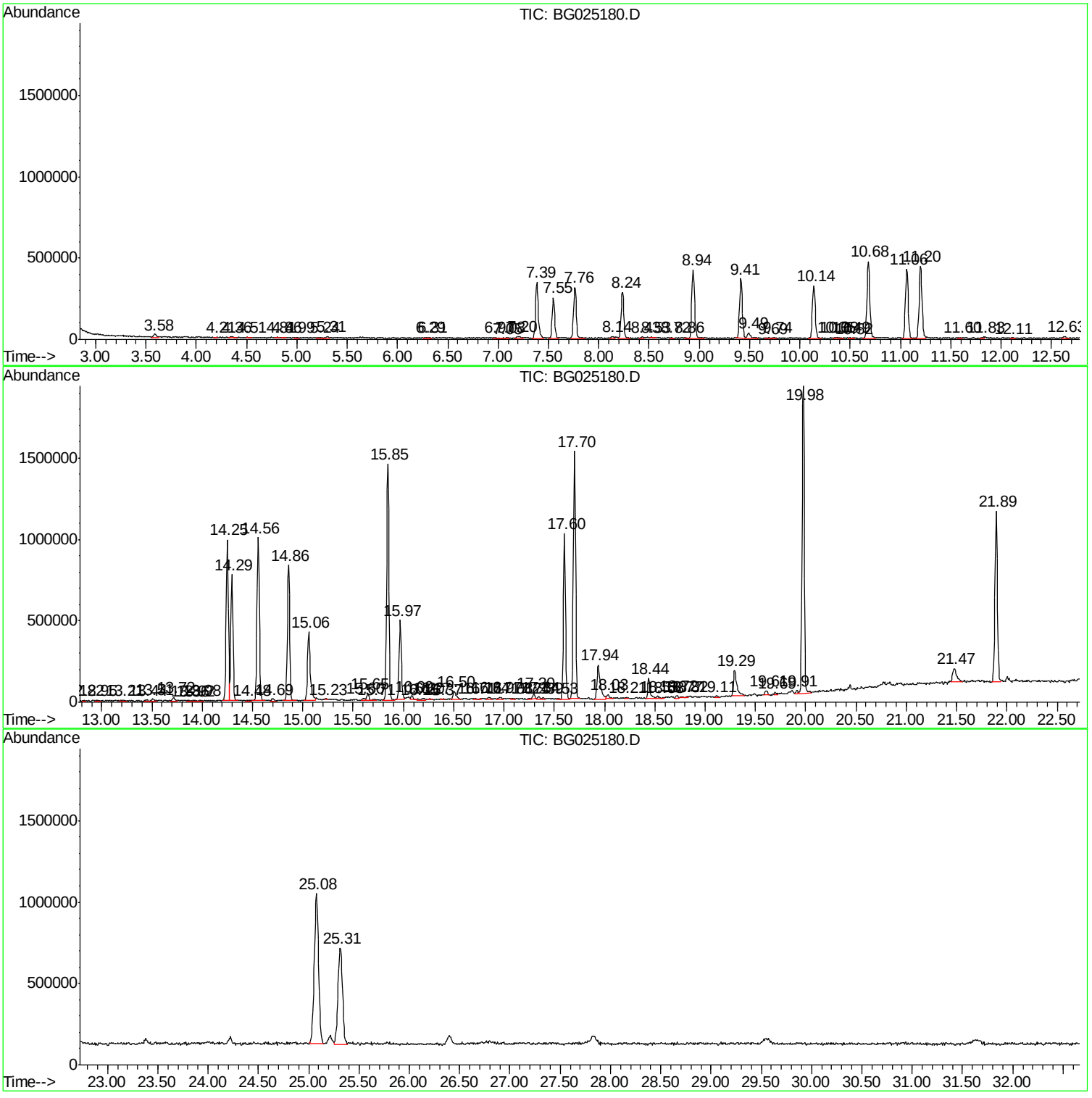
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA G\DATA\BG121416\
Data File : BG025180.D
Acq On : 14 Dec 2016 17:43
Operator : UM/SJ
Sample : H5970-19
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA858

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.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\BG121416\
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Quant Title : SVOA CALIBRATION

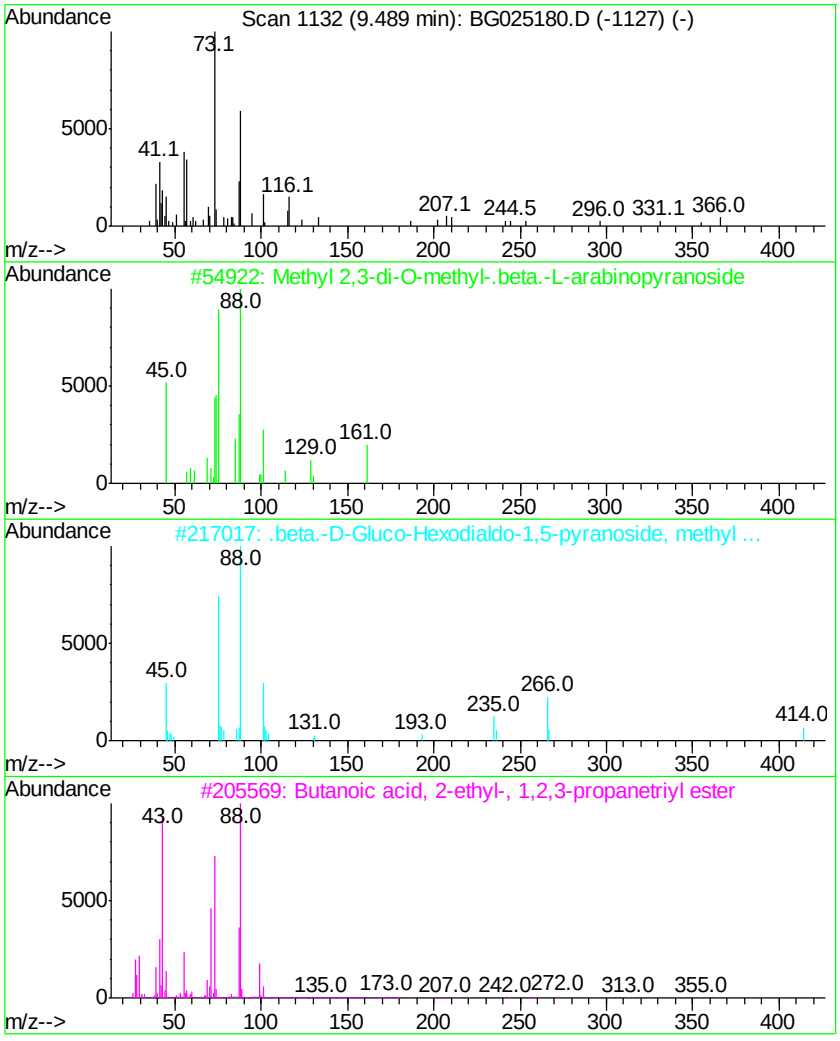
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

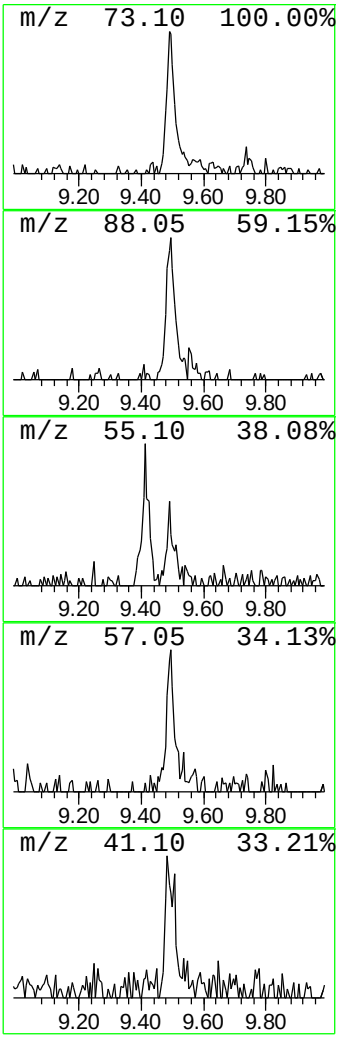
****

Peak Number 1 unknown-01 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.49	2.80 ng/ul	72563	1,4-Dichlorobenzene-d4	8.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Methyl 2,3-di-O-methyl-.beta.-L-...	192	C8H16O5	053989-92-7	39
2	.beta.-D-Gluco-Hexodialdo-1,5-py...	414	C16H22N4O9	041545-31-7	37
3	Butanoic acid, 2-ethyl-, 1,2,3-p...	386	C21H38O6	056554-54-2	32
4	Hexanoic acid, 2-ethyl-	144	C8H16O2	000149-57-5	25
5	Sulfide, allyl methyl	88	C4H8S	010152-76-8	25





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG121416\
Data File : BG025180.D
Acq On : 14 Dec 2016 17:43
Operator : UM/SJ
Sample : H5970-19
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA858

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION

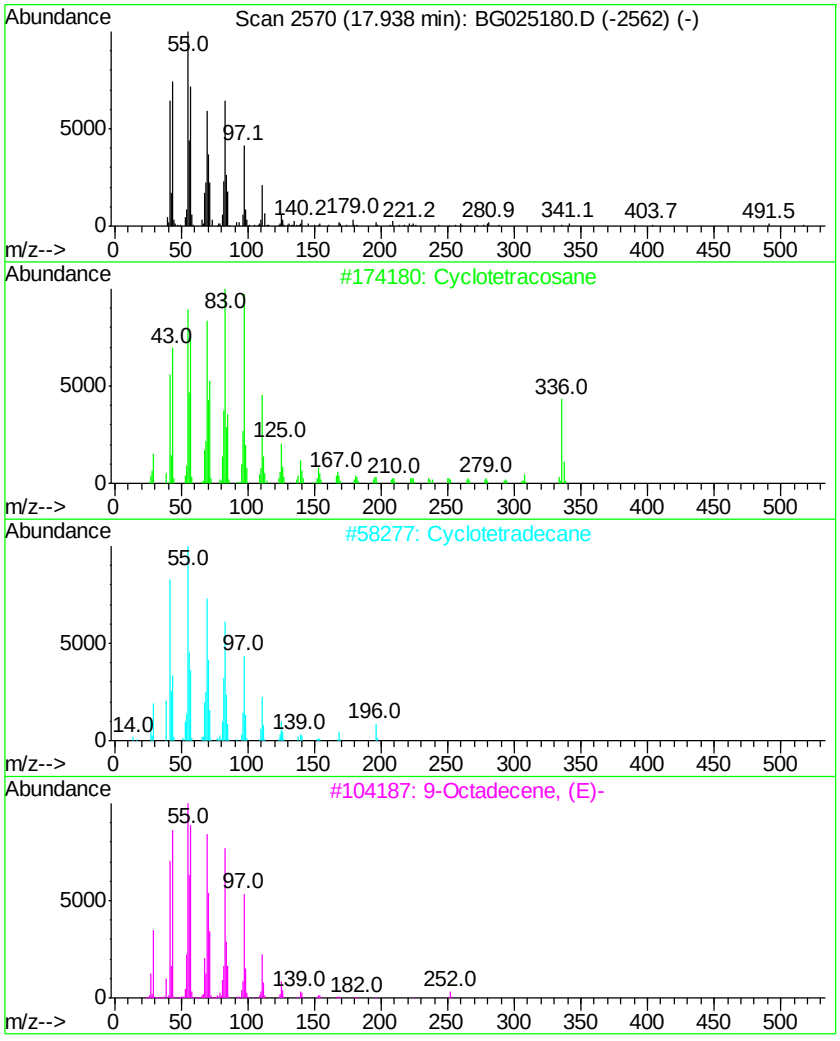
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

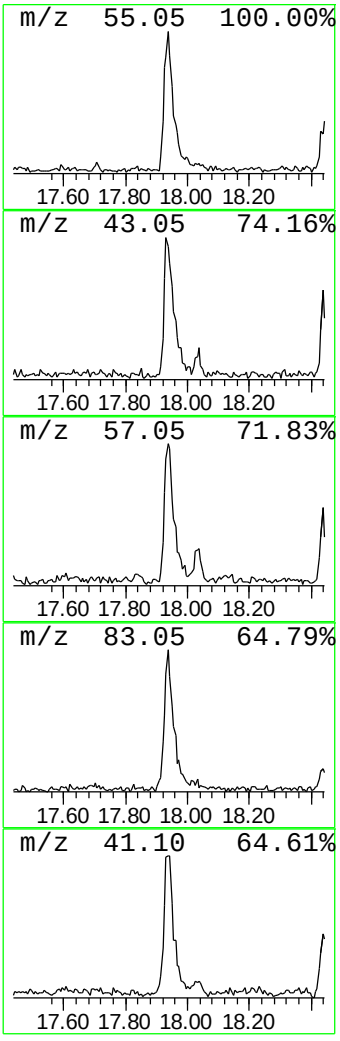
****

Peak Number 2 (DEL) Alkane: Cyclic17.94 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.94	6.53 ng/ul	518162	Phenanthrene-d10	17.60

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclotetracosane	336	C24H48	000297-03-0	90
2	Cyclotetradecane	196	C14H28	000295-17-0	83
3	9-Octadecene, (E)-	252	C18H36	007206-25-9	83
4	n-Heptadecanol-1	256	C17H36O	001454-85-9	74
5	5-Octadecene, (E)-	252	C18H36	007206-21-5	72





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG121416\
Data File : BG025180.D
Acq On : 14 Dec 2016 17:43
Operator : UM/SJ
Sample : H5970-19
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA858

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION

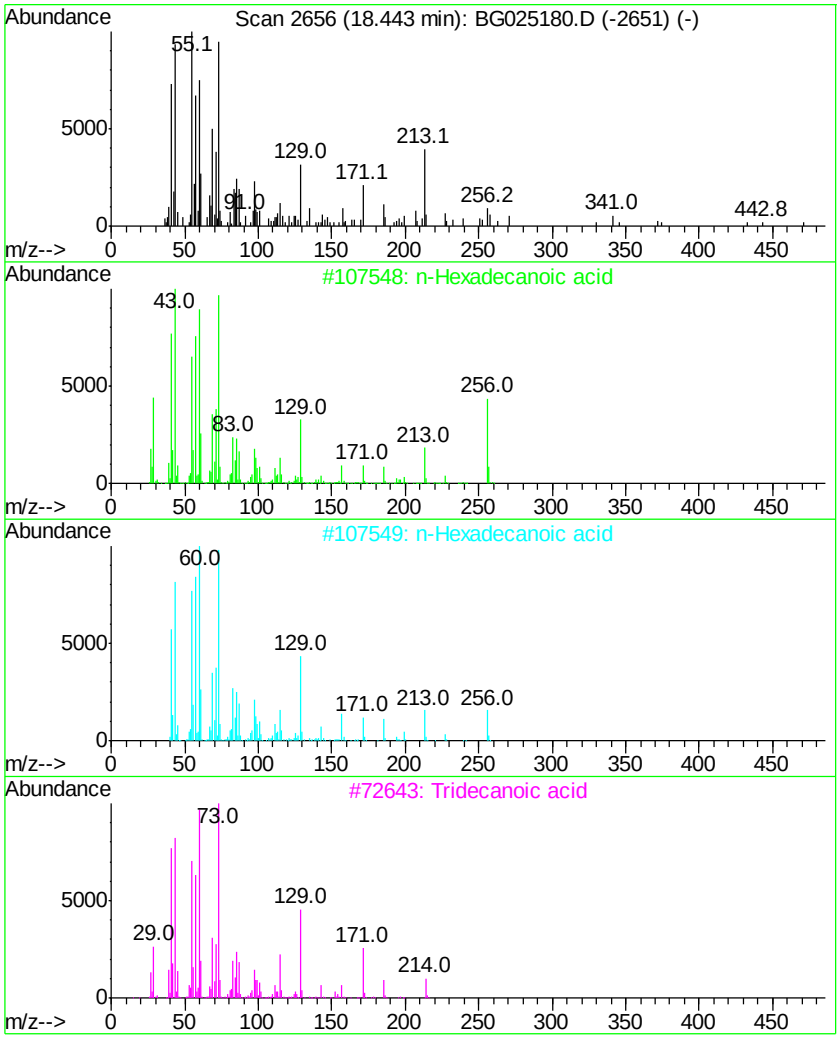
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

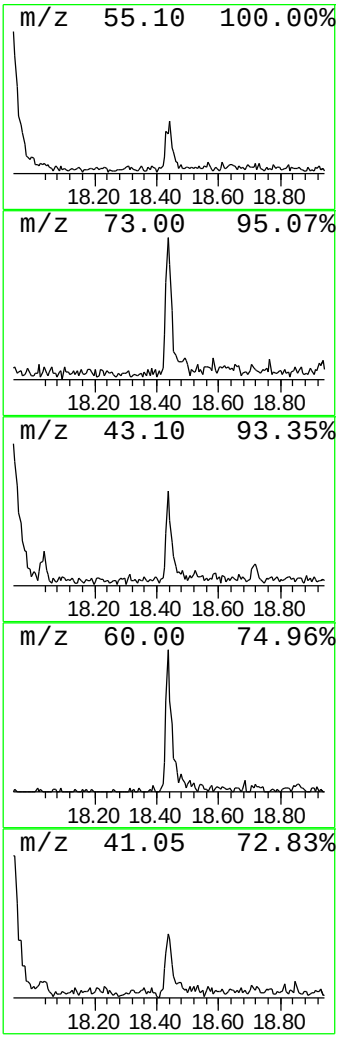
****

Peak Number 3 n-Hexadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.44	2.35 ng/ul	186904	Phenanthrene-d10	17.60

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	96
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	95
3	Tridecanoic acid	214	C13H26O2	000638-53-9	89
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	72
5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	64





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG121416\
Data File : BG025180.D
Acq On : 14 Dec 2016 17:43
Operator : UM/SJ
Sample : H5970-19
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA858

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION

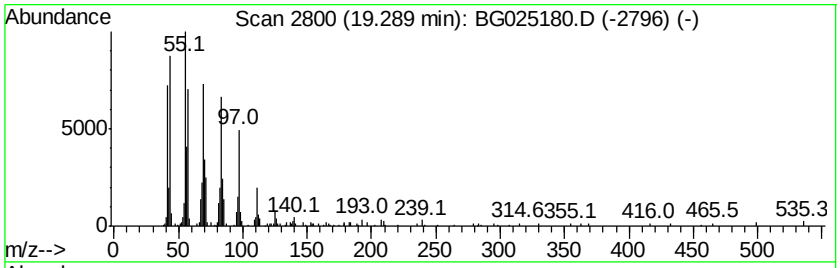
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

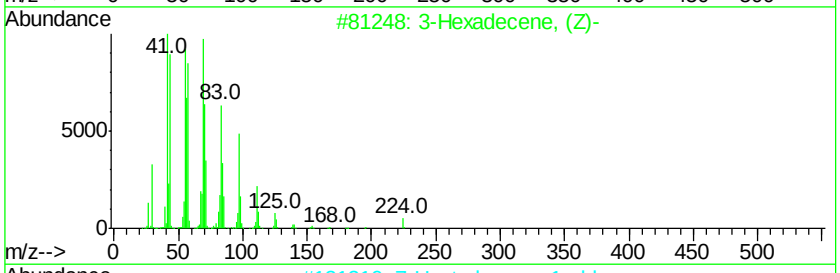
****

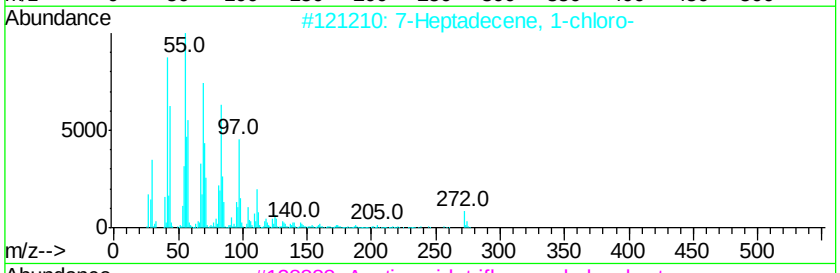
Peak Number 4 (DEL) Alkane: Cyclic19.29 Concentration Rank 2

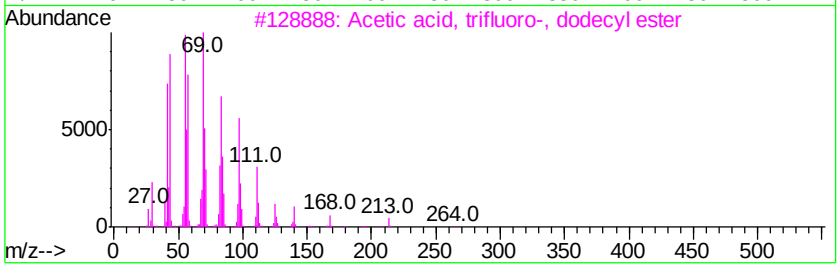
R.T.	EstConc	Area	Relative to ISTD	R.T.
19.29	4.60 ng/ul	365566	Phenanthrene-d10	17.60

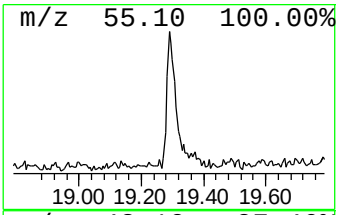
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Hexadecene, (Z)-	224	C16H32	034303-81-6	91
2	7-Heptadecene, 1-chloro-	272	C17H33Cl	056554-78-0	91
3	Acetic acid, trifluoro-, dodecyl...	282	C14H25F3O2	006222-00-0	91
4	Cetene	224	C16H32	000629-73-2	83
5	Cetene	224	C16H32	000629-73-2	83

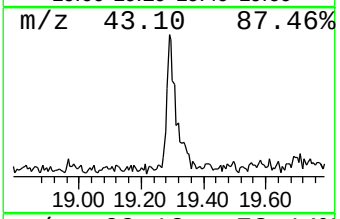


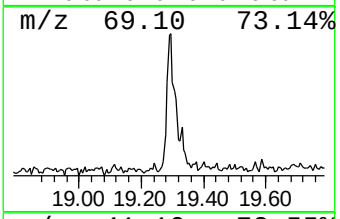


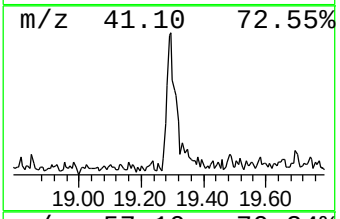


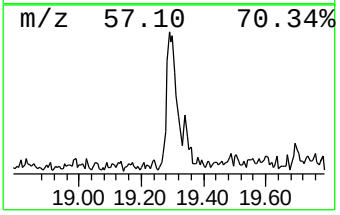












Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG121416\
Data File : BG025180.D
Acq On : 14 Dec 2016 17:43
Operator : UM/SJ
Sample : H5970-19
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA858

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION

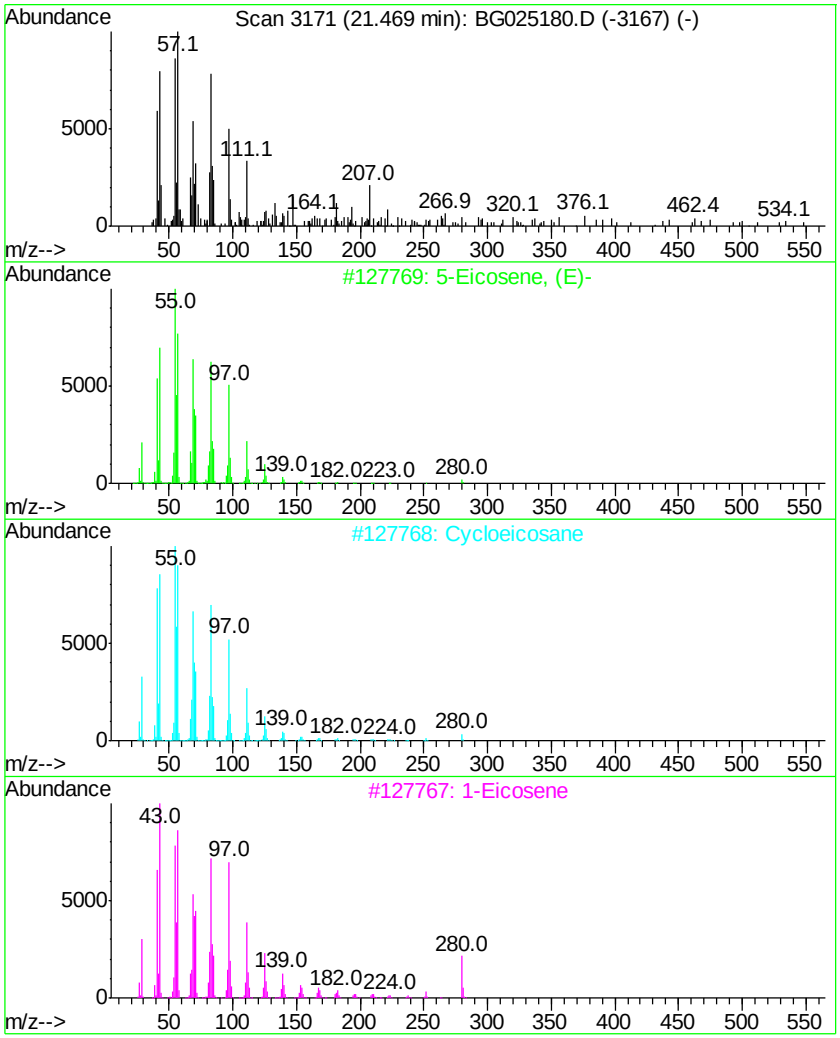
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

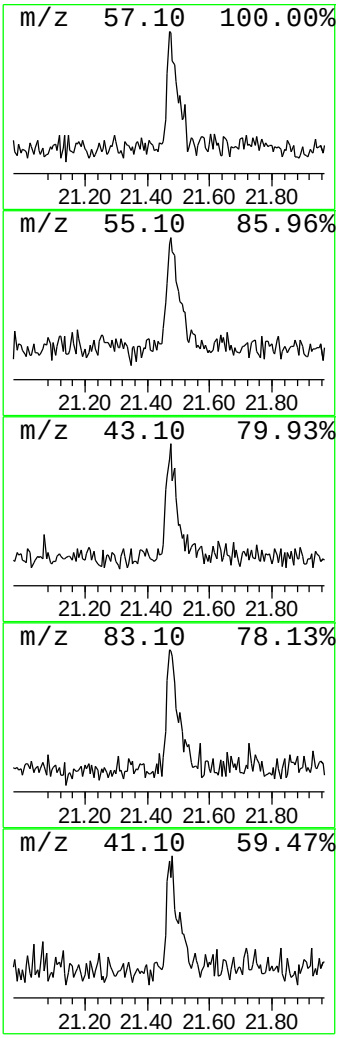
****

Peak Number 5 (DEL) Alkane: Cyclic21.47 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.47	2.51 ng/ul	235590	Chrysene-d12	21.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Eicosene, (E)-	280	C20H40	074685-30-6	81
2	Cycloeicosane	280	C20H40	000296-56-0	78
3	1-Eicosene	280	C20H40	003452-07-1	74
4	Cyclooctacosane	392	C28H56	000297-24-5	72
5	1,6-Dihydro-2-methylthio-5-((E)-...	513	C21H27N3O10S	131129-99-2	72





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG121416\
Data File : BG025180.D
Acq On : 14 Dec 2016 17:43
Operator : UM/SJ
Sample : H5970-19
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA858

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.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
unknown-01	9.49	2.8	ng/ul	72563	1	8.24	519030	20.0
(DEL) Alkane: Cyc...	17.94	6.5	ng/ul	518162	4	17.60	1587810	20.0
n-Hexadecanoic acid	18.44	2.4	ng/ul	186904	4	17.60	1587810	20.0
(DEL) Alkane: Cyc...	19.29	4.6	ng/ul	365566	4	17.60	1587810	20.0
(DEL) Alkane: Cyc...	21.47	2.5	ng/ul	235590	5	21.89	1875650	20.0