LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG101620\
Data File : BG046928.D
Acq On : 16 Oct 2020 13:23
Operator : CG/JU
Sample : L4201-08
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AS4

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:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG101520MA.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	3.496	23	27	35	rVB5	9517	14852	1.21%	0.147%
2	3.772	71	74	75	rBV2	2267	2746	0.22%	0.027%
3	3.919	96	99	108	rVB2	9267	14529	1.19%	0.143%
4	4.019	110	116	125	rBV	95036	135780	11.09%	1.340%
5	4.089	125	128	132	rVB3	6725	9649	0.79%	0.095%
6	4.148	136	138	141	rVB3	3221	3076	0.25%	0.030%
7	4.254	150	156	162	rVB3	9147	15911	1.30%	0.157%
8	4.389	177	179	182	rBV2	1637	2341	0.19%	0.023%
9	4.465	188	192	198	rBV5	8786	15708	1.28%	0.155%
10	4.606	213	216	218	rBV4	3461	3834	0.31%	0.038%
11	4.800	245	249	254	rVV3	13993	21330	1.74%	0.211%
12	4.877	257	262	269	rVB5	6458	9567	0.78%	0.094%
13	4.947	271	274	275	rBV	3895	3373	0.28%	0.033%
14	5.047	288	291	296	rBV5	5229	9306	0.76%	0.092%
15	5.164	306	311	316	rBV3	4398	6325	0.52%	0.062%
16	5.253	320	326	335	rBV	27746	50002	4.08%	0.494%
17	6.069	459	465	467	rBV3	8221	14052	1.15%	0.139%
18	6.563	547	549	550	rBV2	3503	2884	0.24%	0.028%
19	6.580	550	552	559	rVB4	4569	7704	0.63%	0.076%
20	6.933	610	612	616	rVV2	2162	2614	0.21%	0.026%
21	7.033	625	629	630	rBV3	2459	2862	0.23%	0.028%
22	7.121	642	644	647	rVB	2550	2423	0.20%	0.024%
23	7.227	656	662	673	rVV	171449	307554	25.12%	3.036%
24	7.397	685	691	700	rVB	124056	199451	16.29%	1.969%
25	7.562	716	719	720	rBV2	2655	2138	0.17%	0.021%
26	7.609	720	727	734	rBV	167542	291289	23.79%	2.875%
27	7.667	734	737	740	rBV2	6563	7101	0.58%	0.070%
28	7.767	752	754	756	rVB	2809	2200	0.18%	0.022%
29	8.079	800	807	813	rBV	183072	304406	24.86%	3.005%
30	8.126	813	815	821	rVB3	4404	5845	0.48%	0.058%
31	8.202	826	828	831	rBV2	1937	2267	0.19%	0.022%
32	8.772	919	925	936	rVV	167614	305599	24.96%	3.017%
33	8.901	942	947	952	rBV3	15870	27216	2.22%	0.269%
34	8.984	957	961	964	rVB2	2150	2370	0.19%	0.023%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG101620\
Data File : BG046928.D
Acq On : 16 Oct 2020 13:23
Operator : CG/JU
Sample : L4201-08
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AS4

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:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG101520MA.M
Title : SVOA CALIBRATION

35	9.031	964	969	972	rVB2	1395	2477	0.20%	0.024%
36	9.236	995	1004	1013	rVV	170099	290751	23.74%	2.870%
37	9.401	1026	1032	1036	rVB4	3663	4808	0.39%	0.047%
38	9.653	1069	1075	1076	rBV2	4019	4809	0.39%	0.047%
39	9.959	1119	1127	1136	rBV	140976	255559	20.87%	2.523%
40	10.094	1145	1150	1151	rBV2	4111	5147	0.42%	0.051%
41	10.112	1151	1153	1156	rVB3	4265	4325	0.35%	0.043%
42	10.317	1184	1188	1193	rVB4	4437	6939	0.57%	0.068%
43	10.499	1212	1219	1229	rVV	207935	391172	31.94%	3.861%
44	10.887	1276	1285	1294	rBV	239870	422337	34.49%	4.169%
45	11.016	1302	1307	1316	rBV4	23828	51206	4.18%	0.505%
46	11.116	1320	1324	1327	rBV	1469	2631	0.21%	0.026%
47	11.287	1350	1353	1358	rVB4	2242	2857	0.23%	0.028%
48	11.569	1396	1401	1402	rVB	2322	2545	0.21%	0.025%
49	11.674	1414	1419	1425	rBV3	3355	6958	0.57%	0.069%
50	11.727	1425	1428	1431	rBV	2542	2860	0.23%	0.028%
51	11.863	1449	1451	1455	rVB2	2433	2884	0.24%	0.028%
52	11.910	1455	1459	1461	rBV2	2375	2693	0.22%	0.027%
53	12.162	1499	1502	1506	rVB2	2918	2512	0.21%	0.025%
54	12.303	1521	1526	1527	rBV3	1970	2913	0.24%	0.029%
55	12.362	1533	1536	1537	rBV	1881	2324	0.19%	0.023%
56	12.474	1552	1555	1558	rVB3	4497	5456	0.45%	0.054%
57	12.509	1558	1561	1564	rBV3	1533	2171	0.18%	0.021%
58	12.720	1593	1597	1599	rVV3	2001	2585	0.21%	0.026%
59	12.897	1623	1627	1630	rBV	1592	2940	0.24%	0.029%
60	13.155	1669	1671	1676	rVB3	2975	4409	0.36%	0.044%
61	13.308	1694	1697	1701	rVB4	3925	5023	0.41%	0.050%
62	13.484	1725	1727	1730	rVB3	1984	2231	0.18%	0.022%
63	13.519	1732	1733	1735	rBV2	2864	2249	0.18%	0.022%
64	13.584	1741	1744	1749	rVB4	5732	8152	0.67%	0.080%
65	14.101	1826	1832	1837	rBV	423666	593132	48.44%	5.855%
66	14.148	1837	1840	1846	rVB	136415	179341	14.65%	1.770%
67	14.283	1861	1863	1869	rBV4	3070	4608	0.38%	0.045%
68	14.348	1871	1874	1875	rVV2	2539	2121	0.17%	0.021%
69	14.401	1875	1883	1893	rVB	421573	689325	56.29%	6.805%
70	14.536	1905	1906	1912	rVV4	4443	5828	0.48%	0.058%
71	14.595	1912	1916	1920	rVB6	3819	5359	0.44%	0.053%

LSC Area Percent Report

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Data File : BG046928.D
Acq On : 16 Oct 2020 13:23
Operator : CG/JU
Sample : L4201-08
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AS4

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:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG101520MA.M
Title : SVOA CALIBRATION

72	14.706	1926	1935	1941	rBV2	372790	609515	49.77%	6.017%
73	14.765	1942	1945	1949	rVB4	5574	7445	0.61%	0.073%
74	14.824	1952	1955	1957	rVB	2140	2589	0.21%	0.026%
75	14.883	1957	1965	1975	rBV	136553	240872	19.67%	2.378%
76	14.953	1975	1977	1981	rVB3	9172	10647	0.87%	0.105%
77	15.035	1986	1991	1994	rBV4	18967	29787	2.43%	0.294%
78	15.100	1998	2002	2003	rBV4	6821	7153	0.58%	0.071%
79	15.288	2031	2034	2035	rBV2	3295	2384	0.19%	0.024%
80	15.429	2056	2058	2062	rVB4	5987	8625	0.70%	0.085%
81	15.494	2062	2069	2075	rBV6	10732	18355	1.50%	0.181%
82	15.693	2094	2103	2109	rBV	567735	875379	71.49%	8.641%
83	15.746	2109	2112	2115	rVB4	5217	6631	0.54%	0.065%
84	15.799	2115	2121	2128	rBV2	147911	227300	18.56%	2.244%
85	15.875	2133	2134	2136	rVB2	3706	2396	0.20%	0.024%
86	16.081	2166	2169	2170	rBV3	3374	3460	0.28%	0.034%
87	16.105	2170	2173	2176	rBV4	4328	5978	0.49%	0.059%
88	16.228	2191	2194	2197	rBV4	3380	4437	0.36%	0.044%
89	16.422	2225	2227	2231	rVB5	6997	7704	0.63%	0.076%
90	16.481	2235	2237	2240	rVB5	6100	7225	0.59%	0.071%
91	16.633	2261	2263	2264	rVB2	3974	2091	0.17%	0.021%
92	16.745	2280	2282	2284	rVB2	5202	3548	0.29%	0.035%
93	16.769	2284	2286	2287	rBV2	5365	2682	0.22%	0.026%
94	17.186	2355	2357	2361	rVB5	12079	14931	1.22%	0.147%
95	17.444	2395	2401	2406	rBV	450261	695629	56.81%	6.867%
96	17.491	2406	2409	2412	rVV	44809	60257	4.92%	0.595%
97	17.544	2412	2418	2429	rVB2	567278	889074	72.60%	8.777%
98	18.326	2547	2551	2557	rBV	114077	172760	14.11%	1.705%
99	19.495	2746	2750	2756	rVB	131459	192763	15.74%	1.903%
100	19.824	2801	2806	2816	rBV2	691917	1224559	100.00%	12.088%

Sum of corrected areas: 10130117

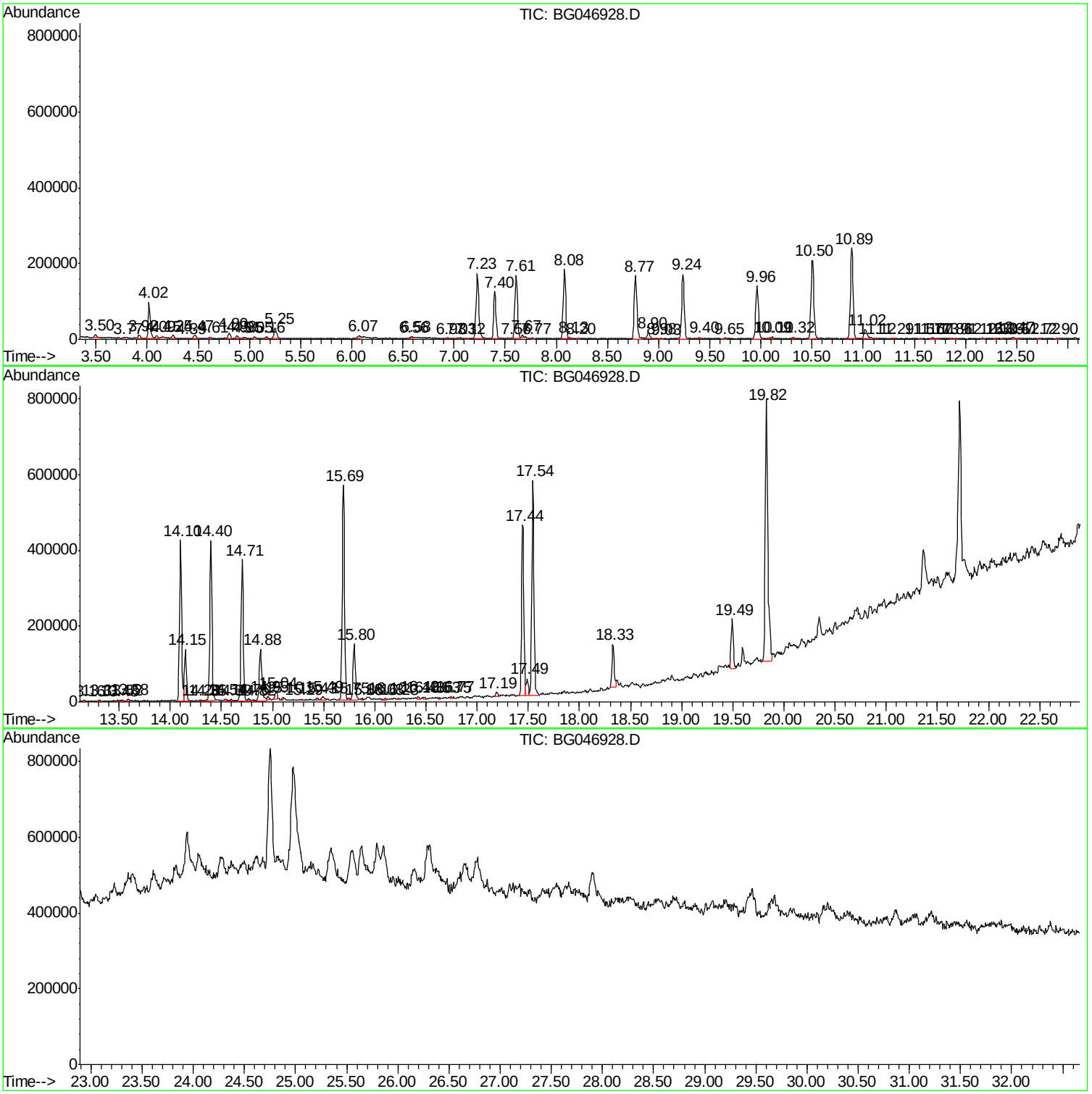
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG101620\
Data File : BG046928.D
Acq On : 16 Oct 2020 13:23
Operator : CG/JU
Sample : L4201-08
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AS4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG101520MA.M
Quant Title : SVOA CALIBRATION

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



Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG101620\
Data File : BG046928.D
Acq On : 16 Oct 2020 13:23
Operator : CG/JU
Sample : L4201-08
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AS4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG101520MA.M
Quant Title : SVOA CALIBRATION

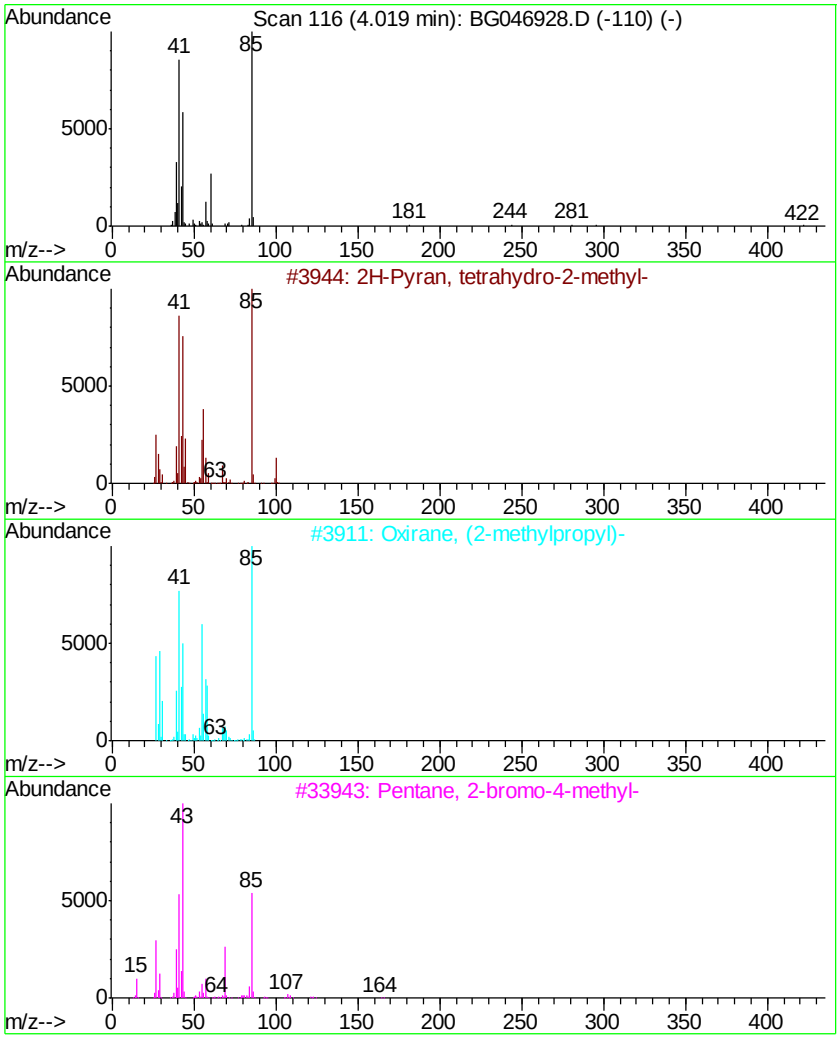
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

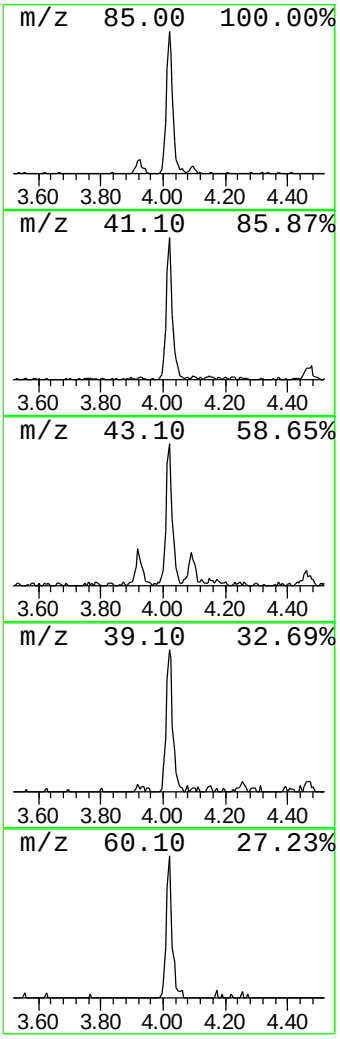
****

Peak Number 1 2H-Pyran, tetrahydro-2-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.02	8.92 ng/ul	135780	1,4-Dichlorobenzene-d4	8.08

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2H-Pyran, tetrahydro-2-methyl-	100	C6H12O	010141-72-7	50
2	Oxirane, (2-methylpropyl)-	100	C6H12O	023850-78-4	39
3	Pentane, 2-bromo-4-methyl-	164	C6H13Br	030310-22-6	39
4	2H-Pyran, tetrahydro-2-methyl-	100	C6H12O	010141-72-7	39
5	Methacrylamide	85	C4H7NO	000079-39-0	38





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG101620\
Data File : BG046928.D
Acq On : 16 Oct 2020 13:23
Operator : CG/JU
Sample : L4201-08
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AS4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG101520MA.M
Quant Title : SVOA CALIBRATION

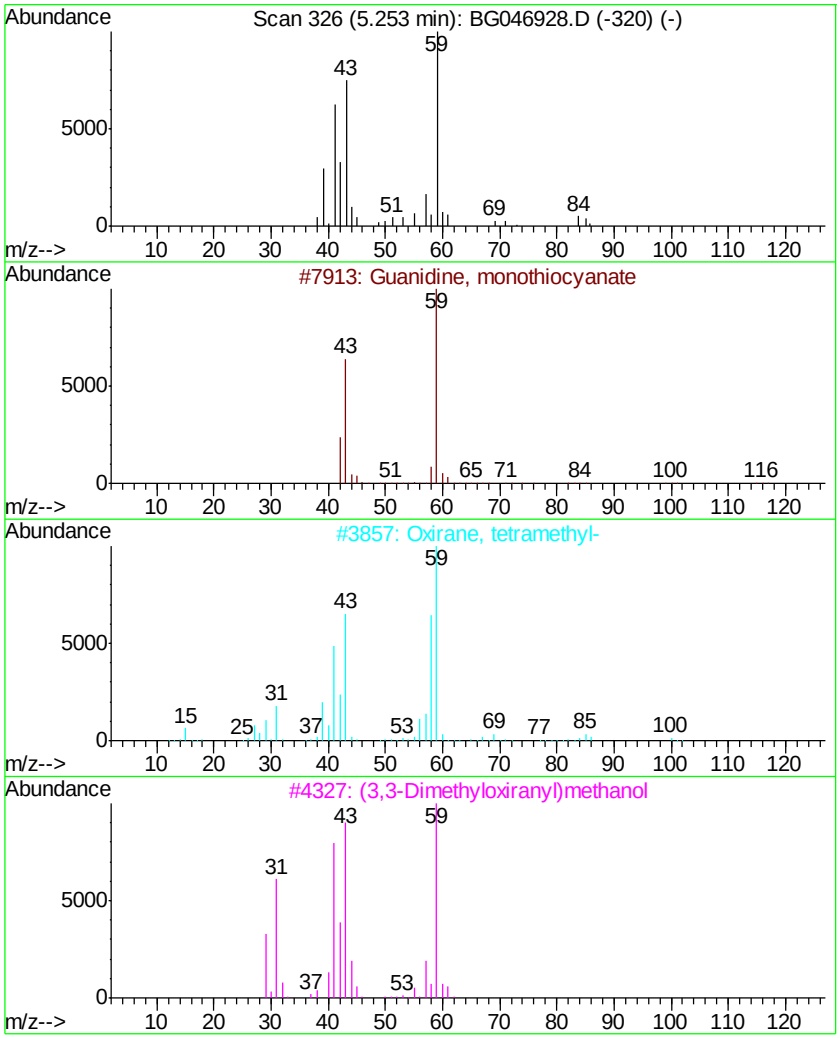
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

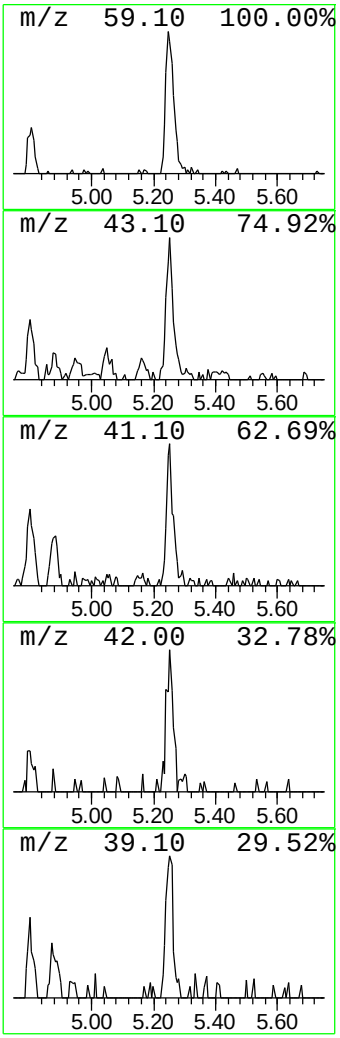
****

Peak Number 2 Guanidine, monothiocyanate Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.25	3.29 ng/ul	50002	1,4-Dichlorobenzene-d4	8.08

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Guanidine, monothiocyanate	116	C2H4N4S	056960-89-5	72
2	Oxirane, tetramethyl-	100	C6H12O	005076-20-0	72
3	(3,3-Dimethyloxiranyl)methanol	102	C5H10O2	1000306-71-7	56
4	Butyl aldoxime, 3-methyl-, anti	101	C5H11NO	005775-74-6	40
5	Propanoic acid, 2-hydroxy-2-methyl-	104	C4H8O3	000594-61-6	38





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG101620\
Data File : BG046928.D
Acq On : 16 Oct 2020 13:23
Operator : CG/JU
Sample : L4201-08
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AS4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG101520MA.M
Quant Title : SVOA CALIBRATION

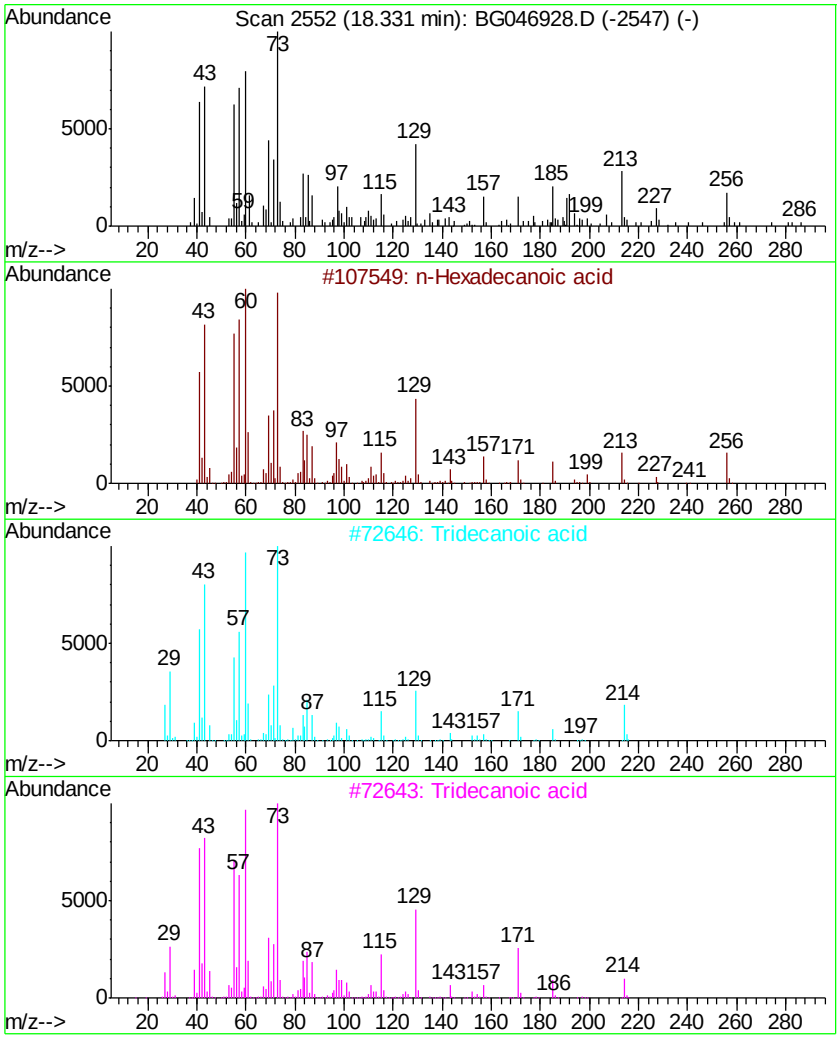
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

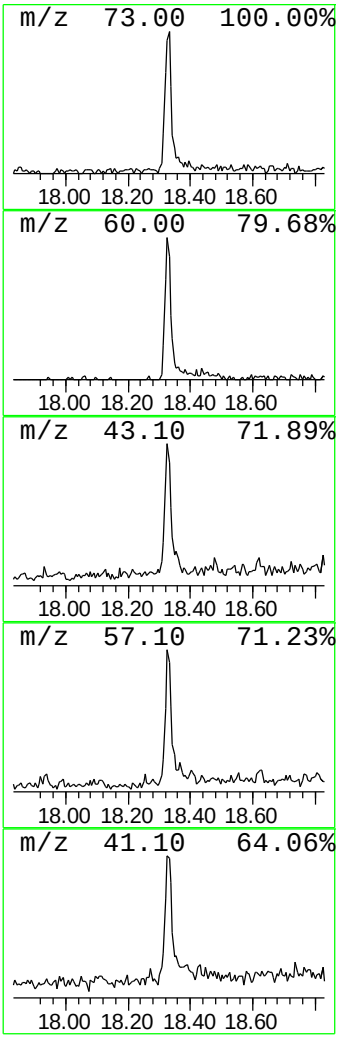
****

Peak Number 3 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.33	4.97 ng/ul	172760	Phenanthrene-d10	17.44

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	96
2	Tridecanoic acid	214	C13H26O2	000638-53-9	86
3	Tridecanoic acid	214	C13H26O2	000638-53-9	76
4	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	74
5	Tridecanoic acid	214	C13H26O2	000638-53-9	70





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG101620\
Data File : BG046928.D
Acq On : 16 Oct 2020 13:23
Operator : CG/JU
Sample : L4201-08
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AS4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG101520MA.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
2H-Pyran, tetrahy...	4.02	8.9	ng/ul	135780	1	8.08	304406	20.0
Guanidine, monoth...	5.25	3.3	ng/ul	50002	1	8.08	304406	20.0
n-Hexadecanoic acid	18.33	5.0	ng/ul	172760	4	17.44	695629	20.0