LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG101420\
Data File : BG046905.D
Acq On : 14 Oct 2020 23:10
Operator : CG/JU
Sample : L4359-06DL 2X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : CB7N3DL

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-BG092920MA.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	3.550	32	36	43	rVB2	48938	74207	5.06%	0.604%
2	4.279	156	160	164	rVB3	4741	7335	0.50%	0.060%
3	4.343	164	171	175	rVB4	4686	7984	0.54%	0.065%
4	4.713	229	234	240	rBV2	25010	41528	2.83%	0.338%
5	5.671	393	397	400	rBV2	2205	2702	0.18%	0.022%
6	6.018	455	456	458	rBV	2665	2341	0.16%	0.019%
7	6.358	511	514	519	rVB2	4151	5802	0.40%	0.047%
8	7.246	659	665	675	rBV4	27907	59717	4.07%	0.486%
9	7.416	688	694	704	rVB	65376	114229	7.78%	0.929%
10	7.628	721	730	737	rBV2	83326	144424	9.84%	1.175%
11	8.098	803	810	816	rBV	235430	391278	26.66%	3.182%
12	8.156	816	820	824	rVB5	6726	11250	0.77%	0.092%
13	8.432	862	867	870	rBV2	2261	3646	0.25%	0.030%
14	8.497	876	878	883	rVB	1625	2243	0.15%	0.018%
15	8.556	883	888	891	rBV2	1212	2192	0.15%	0.018%
16	8.621	894	899	902	rBV	1448	3006	0.20%	0.024%
17	8.797	920	929	936	rBV2	71497	129801	8.84%	1.056%
18	8.991	957	962	965	rBV3	2195	3350	0.23%	0.027%
19	9.079	971	977	985	rBV	23545	41134	2.80%	0.335%
20	9.255	999	1007	1016	rBV2	92534	167007	11.38%	1.358%
21	9.349	1018	1023	1025	rBV3	5564	6708	0.46%	0.055%
22	9.467	1039	1043	1045	rBV3	2702	2867	0.20%	0.023%
23	9.543	1055	1056	1062	rBV	2072	2384	0.16%	0.019%
24	9.619	1064	1069	1073	rBV4	2671	4218	0.29%	0.034%
25	9.690	1076	1081	1085	rBV4	12541	22588	1.54%	0.184%
26	9.796	1095	1099	1103	rVB5	2844	3417	0.23%	0.028%
27	9.895	1113	1116	1122	rBV3	1981	3353	0.23%	0.027%
28	9.978	1125	1130	1141	rBV	81211	146163	9.96%	1.189%
29	10.113	1150	1153	1159	rBV4	6205	8634	0.59%	0.070%
30	10.219	1169	1171	1174	rVB2	2395	2482	0.17%	0.020%
31	10.272	1176	1180	1182	rVV3	2459	3890	0.27%	0.032%
32	10.319	1182	1188	1194	rVB3	9613	18668	1.27%	0.152%
33	10.454	1202	1211	1215	rBV5	14024	30170	2.06%	0.245%
34	10.524	1217	1223	1230	rVV	135484	241723	16.47%	1.966%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG101420\
Data File : BG046905.D
Acq On : 14 Oct 2020 23:10
Operator : CG/JU
Sample : L4359-06DL 2X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : CB7N3DL

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-BG092920MA.M
Title : SVOA CALIBRATION

35	10.806	1265	1271	1277	rBV5	10191	21509	1.47%	0.175%
36	10.906	1280	1288	1298	rVV	320590	551798	37.60%	4.488%
37	11.035	1303	1310	1322	rBV	127604	236964	16.15%	1.927%
38	11.141	1322	1328	1329	rBV2	5184	6736	0.46%	0.055%
39	11.717	1422	1426	1427	rBV4	3673	4952	0.34%	0.040%
40	11.793	1435	1439	1441	rBV3	3807	4522	0.31%	0.037%
41	12.034	1479	1480	1482	rBV2	3176	2668	0.18%	0.022%
42	12.099	1488	1491	1497	rVB5	3416	4850	0.33%	0.039%
43	12.222	1510	1512	1514	rBV3	2900	2679	0.18%	0.022%
44	12.422	1541	1546	1547	rBV2	2080	3604	0.25%	0.029%
45	12.451	1549	1551	1553	rVV3	5284	4939	0.34%	0.040%
46	12.498	1557	1559	1562	rVB3	2976	3258	0.22%	0.026%
47	12.551	1566	1568	1571	rVB3	2717	2235	0.15%	0.018%
48	12.592	1572	1575	1576	rBV2	4008	2845	0.19%	0.023%
49	12.686	1589	1591	1593	rBV3	2206	2208	0.15%	0.018%
50	12.763	1603	1604	1607	rVB2	3002	2403	0.16%	0.020%
51	12.816	1607	1613	1615	rBV4	3423	5954	0.41%	0.048%
52	12.874	1621	1623	1626	rBV3	4515	5321	0.36%	0.043%
53	12.915	1628	1630	1632	rVB2	2402	2219	0.15%	0.018%
54	12.980	1637	1641	1643	rBV3	3688	3952	0.27%	0.032%
55	13.098	1657	1661	1671	rVB6	6904	14077	0.96%	0.114%
56	13.174	1671	1674	1676	rBV2	1664	2325	0.16%	0.019%
57	13.256	1685	1688	1692	rBV5	3524	5531	0.38%	0.045%
58	13.315	1696	1698	1702	rVV4	3291	4266	0.29%	0.035%
59	13.350	1702	1704	1706	rVB3	3276	2405	0.16%	0.020%
60	13.550	1736	1738	1741	rBV3	2301	2579	0.18%	0.021%
61	13.756	1770	1773	1779	rVB7	6997	11229	0.77%	0.091%
62	13.891	1793	1796	1797	rBV2	2459	2398	0.16%	0.020%
63	14.032	1818	1820	1823	rVB4	4565	4225	0.29%	0.034%
64	14.061	1823	1825	1826	rBV2	2978	2543	0.17%	0.021%
65	14.120	1829	1835	1840	rVV	289167	421814	28.74%	3.431%
66	14.167	1840	1843	1848	rVV	29486	39042	2.66%	0.318%
67	14.214	1848	1851	1852	rVB3	3508	2487	0.17%	0.020%
68	14.414	1878	1885	1895	rVB	281950	460414	31.37%	3.745%
69	14.508	1895	1901	1902	rBV3	8255	11664	0.79%	0.095%
70	14.637	1919	1923	1930	rVB6	21496	36623	2.50%	0.298%
71	14.719	1930	1937	1945	rVB2	541252	833821	56.82%	6.782%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG101420\
Data File : BG046905.D
Acq On : 14 Oct 2020 23:10
Operator : CG/JU
Sample : L4359-06DL 2X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : CB7N3DL

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-BG092920MA.M
Title : SVOA CALIBRATION

72	14.790	1947	1949	1952	rBV4	5263	6878	0.47%	0.056%
73	14.907	1963	1969	1977	rBV4	25462	56260	3.83%	0.458%
74	14.978	1977	1981	1982	rVV3	2660	2825	0.19%	0.023%
75	15.454	2058	2062	2065	rBV4	9039	14054	0.96%	0.114%
76	15.606	2086	2088	2089	rBV2	3450	2938	0.20%	0.024%
77	15.712	2099	2106	2113	rVB	380081	603166	41.10%	4.906%
78	15.818	2117	2124	2129	rBV	82057	126310	8.61%	1.027%
79	16.165	2179	2183	2186	rBV5	6163	9422	0.64%	0.077%
80	16.282	2200	2203	2204	rBV3	3395	3916	0.27%	0.032%
81	16.317	2206	2209	2210	rBV3	2777	3107	0.21%	0.025%
82	16.353	2213	2215	2219	rVV5	8248	9318	0.63%	0.076%
83	16.464	2231	2234	2236	rBV4	5010	6105	0.42%	0.050%
84	16.764	2282	2285	2288	rVB3	8122	10110	0.69%	0.082%
85	16.899	2305	2308	2310	rBV3	3689	3606	0.25%	0.029%
86	16.981	2319	2322	2326	rVB4	8858	11090	0.76%	0.090%
87	17.034	2327	2331	2338	rVB6	20825	33132	2.26%	0.269%
88	17.163	2351	2353	2354	rBV2	5361	3684	0.25%	0.030%
89	17.463	2398	2404	2411	rVB	731692	1120099	76.33%	9.110%
90	17.563	2415	2421	2427	rBV	469882	710641	48.43%	5.780%
91	17.857	2469	2471	2475	rBV5	5000	5255	0.36%	0.043%
92	18.227	2531	2534	2537	rBV4	21571	28969	1.97%	0.236%
93	18.344	2549	2554	2562	rBV2	94305	154208	10.51%	1.254%
94	19.120	2683	2686	2694	rVB5	27529	41876	2.85%	0.341%
95	19.608	2767	2769	2775	rBV5	20042	25781	1.76%	0.210%
96	19.843	2803	2809	2816	rBV	640428	933037	63.58%	7.589%
97	21.370	3065	3069	3080	rBV	171963	260844	17.77%	2.122%
98	21.735	3125	3131	3142	rVB	832903	1354671	92.31%	11.018%
99	24.772	3640	3648	3658	rVB	304960	840518	57.28%	6.836%
100	25.001	3678	3687	3701	rVB2	473746	1467508	100.00%	11.936%

Sum of corrected areas: 12294828

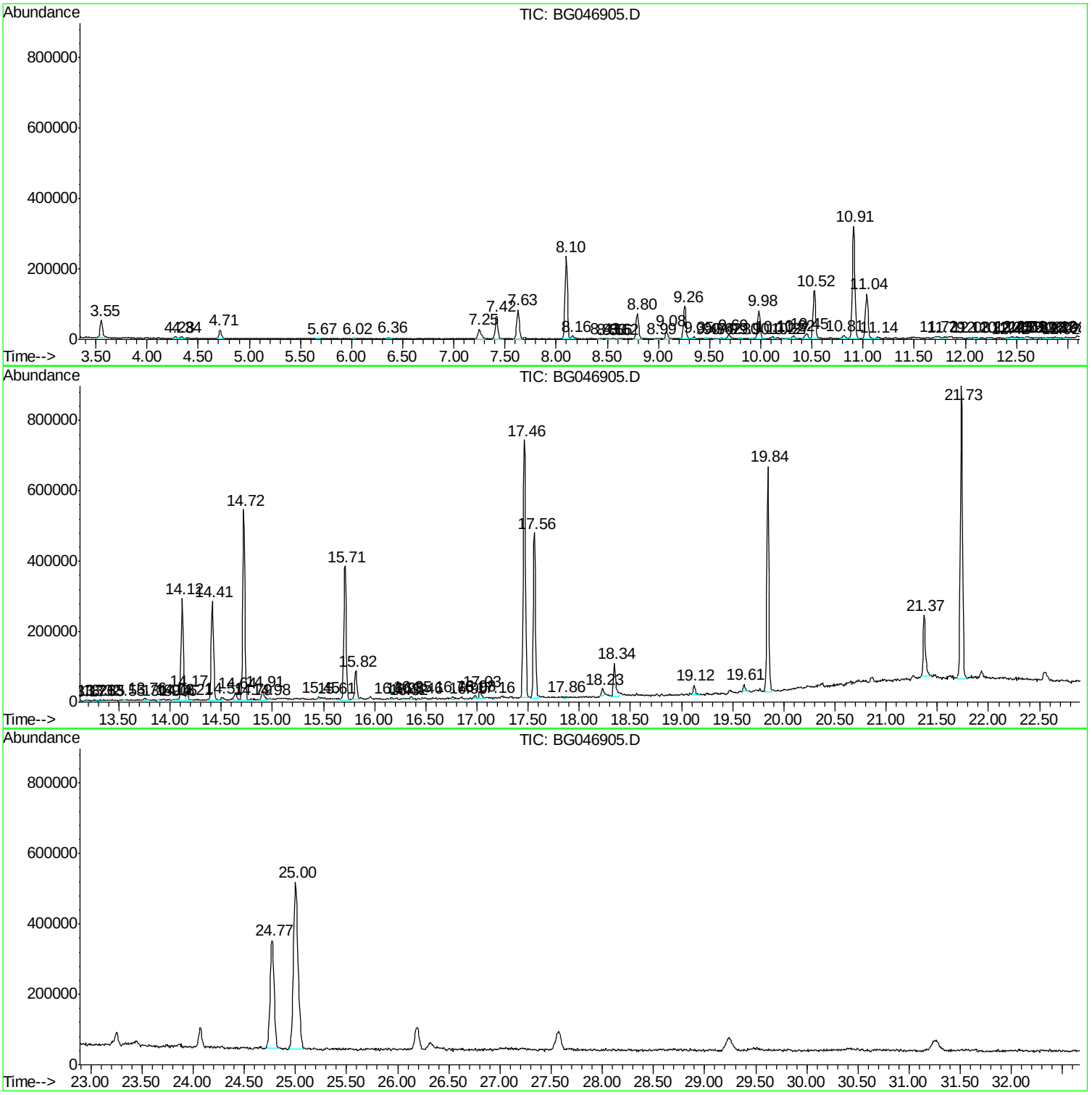
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG101420\
Data File : BG046905.D
Acq On : 14 Oct 2020 23:10
Operator : CG/JU
Sample : L4359-06DL 2X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : CB7N3DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG092920MA.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\BG101420\
Data File : BG046905.D
Acq On : 14 Oct 2020 23:10
Operator : CG/JU
Sample : L4359-06DL 2X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : CB7N3DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG092920MA.M
Quant Title : SVOA CALIBRATION

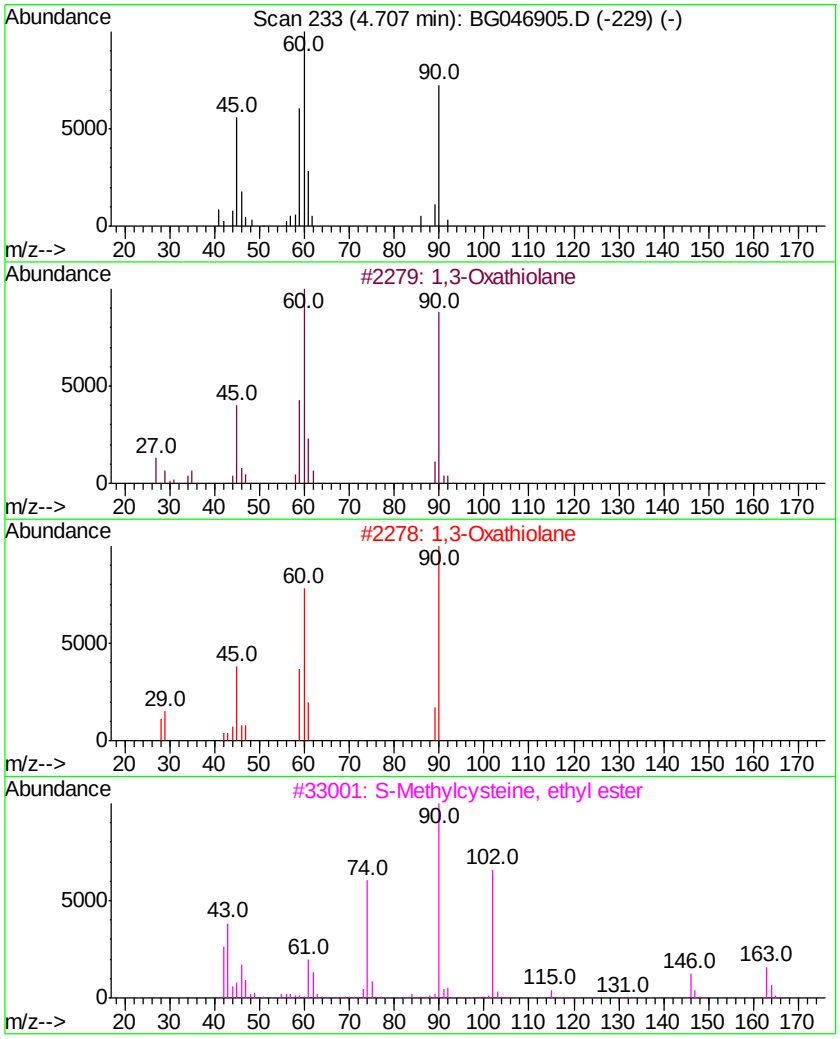
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

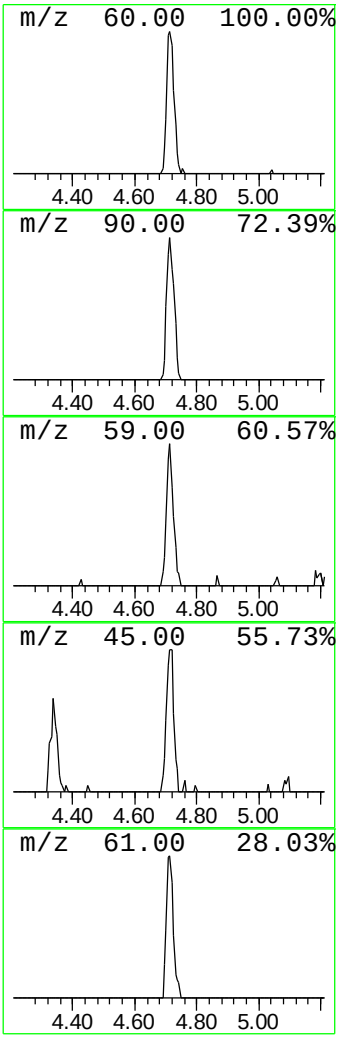
****

Peak Number 1 1,3-Oxathiolane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.71	2.12 ng/ul	41528	1,4-Dichlorobenzene-d4	8.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3-Oxathiolane	90	C3H6OS	002094-97-5	87
2	1,3-Oxathiolane	90	C3H6OS	002094-97-5	87
3	S-Methylcysteine, ethyl ester	163	C6H13NO2S	1000131-23-4	50
4	[1,2,4]Triazolo[4,3-a]quinoxalin...	198	C11H10N4	1000362-67-9	43
5	Acrolein, 2-chloro-	90	C3H3ClO	000683-51-2	40





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG101420\
Data File : BG046905.D
Acq On : 14 Oct 2020 23:10
Operator : CG/JU
Sample : L4359-06DL 2X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : CB7N3DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG092920MA.M
Quant Title : SVOA CALIBRATION

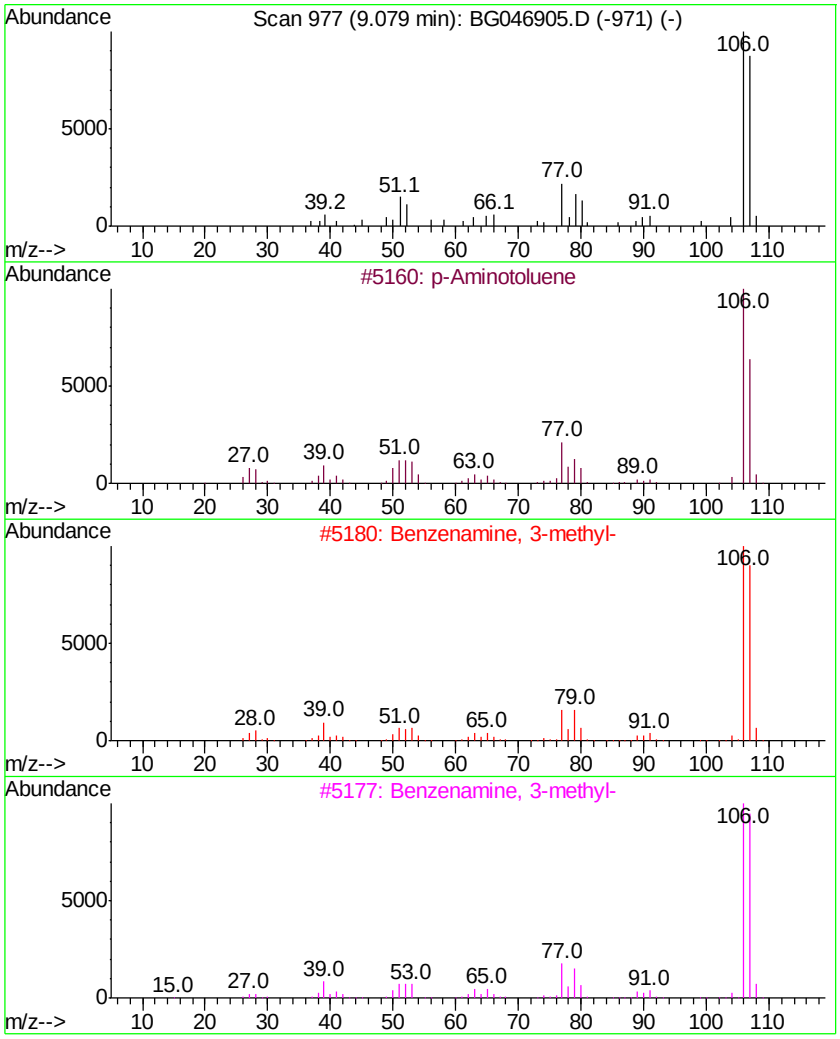
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

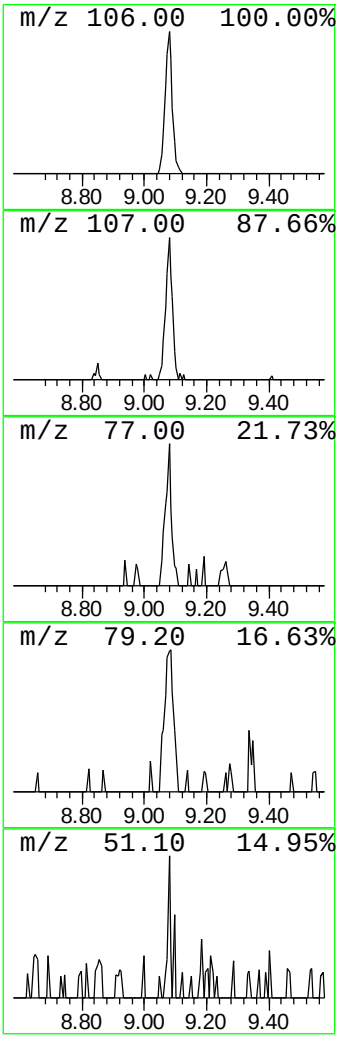
****

Peak Number 2 p-Aminotoluene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.08	2.10 ng/ul	41134	1,4-Dichlorobenzene-d4	8.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	p-Aminotoluene	107	C7H9N	000106-49-0	91
2	Benzenamine, 3-methyl-	107	C7H9N	000108-44-1	91
3	Benzenamine, 3-methyl-	107	C7H9N	000108-44-1	91
4	Benzenamine, 3-methyl-	107	C7H9N	000108-44-1	91
5	p-Aminotoluene	107	C7H9N	000106-49-0	90





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG101420\
Data File : BG046905.D
Acq On : 14 Oct 2020 23:10
Operator : CG/JU
Sample : L4359-06DL 2X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : CB7N3DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG092920MA.M
Quant Title : SVOA CALIBRATION

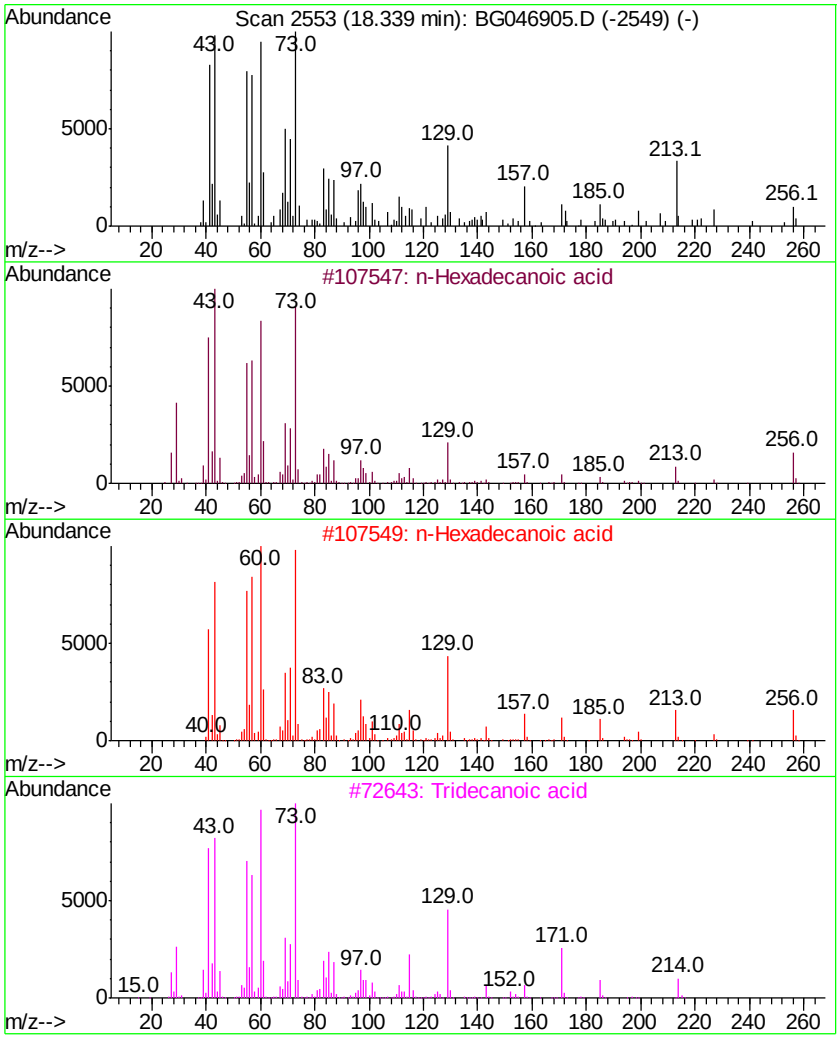
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

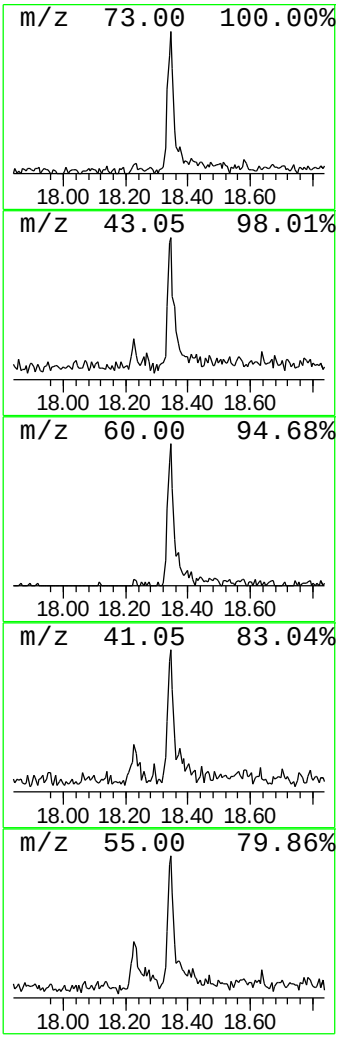
****

Peak Number 3 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.34	2.75 ng/ul	154208	Phenanthrene-d10	17.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	95
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	90
3	Tridecanoic acid	214	C13H26O2	000638-53-9	89
4	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	87
5	Tridecanoic acid	214	C13H26O2	000638-53-9	81





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG101420\
Data File : BG046905.D
Acq On : 14 Oct 2020 23:10
Operator : CG/JU
Sample : L4359-06DL 2X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : CB7N3DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG092920MA.M
Quant Title : SVOA CALIBRATION

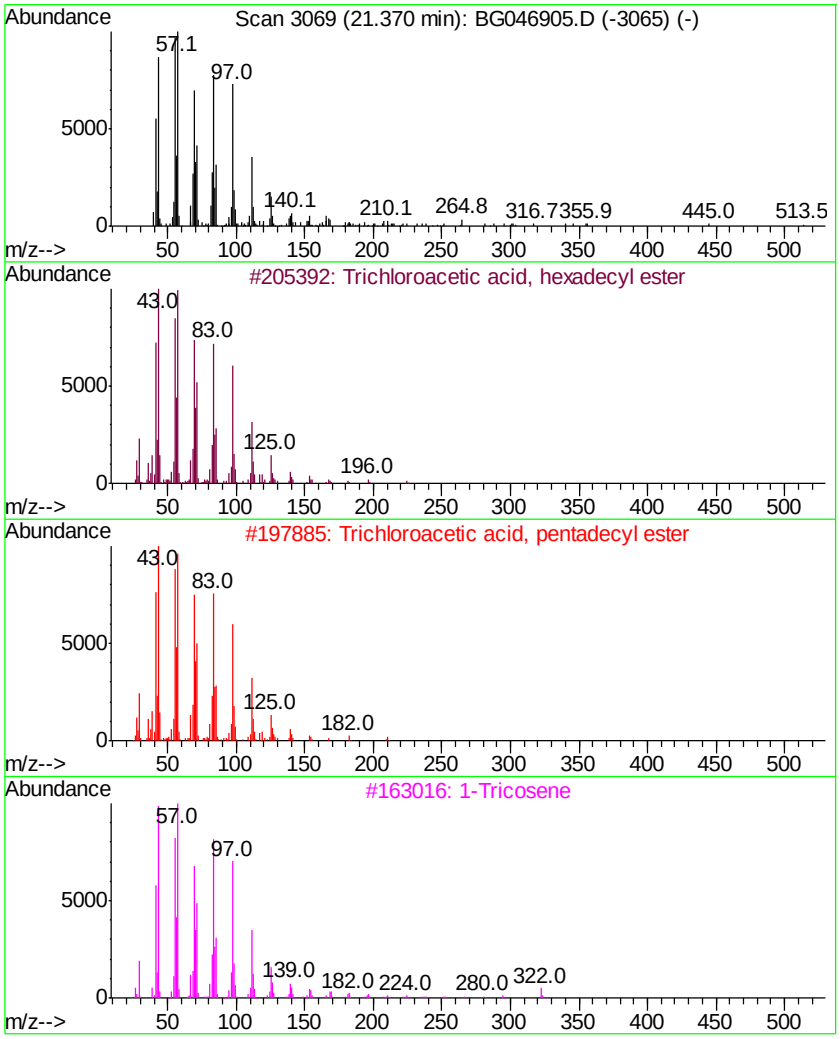
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

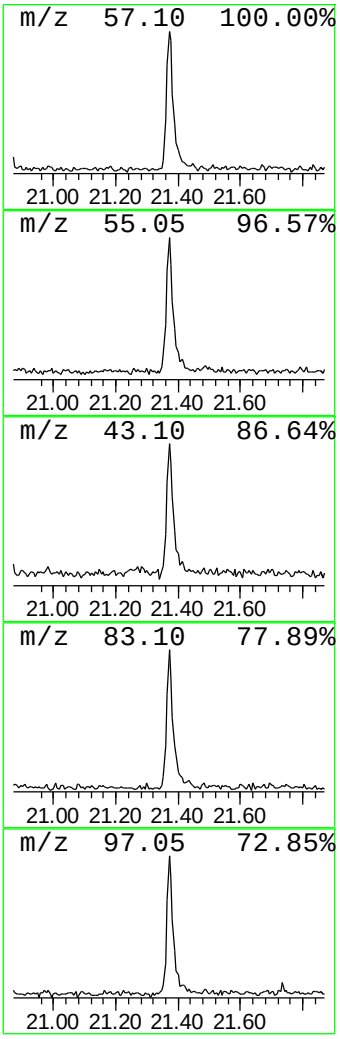
****

Peak Number 4 Trichloroacetic acid, hexad... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.37	3.85 ng/ul	260844	Chrysene-d12	21.73

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	94
2	Trichloroacetic acid, pentadecyl...	372	C17H31Cl3O2	074339-53-0	91
3	1-Tricosene	322	C23H46	018835-32-0	91
4	Pentafluoropropionic acid, hepta...	402	C20H35F5O2	959218-78-1	91
5	Octacosanol	410	C28H58O	000557-61-9	91





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG101420\
Data File : BG046905.D
Acq On : 14 Oct 2020 23:10
Operator : CG/JU
Sample : L4359-06DL 2X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : CB7N3DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG092920MA.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
1,3-Oxathiolane	4.71	2.1	ng/ul	41528	1	8.10	391278	20.0
p-Aminotoluene	9.08	2.1	ng/ul	41134	1	8.10	391278	20.0
n-Hexadecanoic acid	18.34	2.8	ng/ul	154208	4	17.46	1120100	20.0
Trichloroacetic a...	21.37	3.9	ng/ul	260844	5	21.73	1354670	20.0