LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081220\
Data File : BG046231.D
Acq On : 12 Aug 2020 14:59
Operator : CG/JU
Sample : L3612-12
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DBFP0

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-BG072320MA.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	3.167	8	13	24	rVB	179225	316365	8.75%	0.890%
2	3.419	52	56	63	rVB	19910	31975	0.88%	0.090%
3	3.695	100	103	111	rBV3	5070	11621	0.32%	0.033%
4	3.942	140	145	148	rBV6	4115	6571	0.18%	0.018%
5	4.165	178	183	189	rVB	9193	14403	0.40%	0.041%
6	4.377	214	219	221	rBV5	4737	6621	0.18%	0.019%
7	7.115	678	685	696	rBV	456873	770823	21.31%	2.168%
8	7.279	703	713	723	rBV	355522	594972	16.45%	1.673%
9	7.485	739	748	756	rBV	457868	777543	21.49%	2.187%
10	7.550	756	759	772	rVB	16354	35649	0.99%	0.100%
11	7.949	820	827	834	rBV	374605	629538	17.40%	1.771%
12	8.149	857	861	867	rVB6	2630	4384	0.12%	0.012%
13	8.319	885	890	896	rBV6	1432	4117	0.11%	0.012%
14	8.654	940	947	954	rBV	600458	1016261	28.09%	2.858%
15	9.101	1015	1023	1031	rBV	434509	764546	21.13%	2.150%
16	9.277	1049	1053	1059	rVB5	4672	6713	0.19%	0.019%
17	9.824	1138	1146	1155	rBV	382138	659479	18.23%	1.855%
18	9.935	1162	1165	1169	rVB6	2653	4172	0.12%	0.012%
19	10.364	1230	1238	1250	rBV	622972	1104789	30.54%	3.107%
20	10.746	1295	1303	1311	rBV	533333	916216	25.33%	2.577%
21	10.875	1317	1325	1338	rBV	554298	1036476	28.65%	2.915%
22	11.457	1423	1424	1429	rVB3	3149	4062	0.11%	0.011%
23	11.792	1476	1481	1485	rBV2	12978	19082	0.53%	0.054%
24	12.056	1519	1526	1532	rBV6	3474	7754	0.21%	0.022%
25	12.332	1567	1573	1579	rBV4	14817	27262	0.75%	0.077%
26	12.403	1579	1585	1589	rVB6	5674	9751	0.27%	0.027%
27	12.943	1673	1677	1681	rVB7	4134	5930	0.16%	0.017%
28	13.131	1705	1709	1714	rVV	17300	26463	0.73%	0.074%
29	13.196	1714	1720	1726	rVB6	6681	14370	0.40%	0.040%
30	13.413	1750	1757	1760	rBV8	3423	8192	0.23%	0.023%
31	13.443	1760	1762	1764	rVV3	4312	4187	0.12%	0.012%
32	13.484	1764	1769	1775	rVV5	10326	17777	0.49%	0.050%
33	13.731	1806	1811	1814	rBV6	3730	6071	0.17%	0.017%
34	13.977	1847	1853	1858	rBV	1092370	1669862	46.16%	4.697%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081220\
Data File : BG046231.D
Acq On : 12 Aug 2020 14:59
Operator : CG/JU
Sample : L3612-12
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DBFP0

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-BG072320MA.M
Title : SVOA CALIBRATION

35	14.024	1858	1861	1867	rVV	188343	277875	7.68%	0.782%
36	14.077	1867	1870	1874	rVB3	26399	32344	0.89%	0.091%
37	14.118	1874	1877	1885	rVB9	6554	13823	0.38%	0.039%
38	14.189	1885	1889	1892	rBV4	3184	4922	0.14%	0.014%
39	14.265	1892	1902	1910	rBV	1356701	2173252	60.08%	6.113%
40	14.424	1925	1929	1936	rVB8	6998	14649	0.40%	0.041%
41	14.495	1936	1941	1946	rBV8	4142	10069	0.28%	0.028%
42	14.577	1948	1955	1963	rBV2	832246	1324770	36.62%	3.726%
43	14.765	1980	1987	2008	rBV	399184	754033	20.84%	2.121%
44	14.994	2024	2026	2031	rVB6	7553	10279	0.28%	0.029%
45	15.047	2031	2035	2038	rVB5	3742	6040	0.17%	0.017%
46	15.111	2043	2046	2050	rVB4	8098	11726	0.32%	0.033%
47	15.305	2075	2079	2084	rBV7	3441	6980	0.19%	0.020%
48	15.382	2088	2092	2098	rVV7	7028	12290	0.34%	0.035%
49	15.570	2115	2124	2132	rBV	1759192	2764587	76.42%	7.776%
50	15.675	2136	2142	2153	rBV	504666	765548	21.16%	2.153%
51	15.811	2159	2165	2168	rBV2	24403	40823	1.13%	0.115%
52	15.846	2168	2171	2177	rVB2	18415	27502	0.76%	0.077%
53	15.928	2183	2185	2189	rVB4	4645	5773	0.16%	0.016%
54	16.010	2194	2199	2202	rBV7	2543	5127	0.14%	0.014%
55	16.052	2202	2206	2211	rBV7	4877	7826	0.22%	0.022%
56	16.134	2217	2220	2223	rBV5	4293	5224	0.14%	0.015%
57	16.228	2233	2236	2240	rBV6	6218	8765	0.24%	0.025%
58	16.328	2244	2253	2263	rVB2	31478	75127	2.08%	0.211%
59	16.845	2338	2341	2345	rBV5	3428	3793	0.10%	0.011%
60	16.992	2364	2366	2371	rVB7	5324	7878	0.22%	0.022%
61	17.050	2374	2376	2377	rBV2	3856	3793	0.10%	0.011%
62	17.091	2381	2383	2388	rBV5	4867	8336	0.23%	0.023%
63	17.144	2388	2392	2401	rVB2	21705	34307	0.95%	0.096%
64	17.238	2404	2408	2411	rBV4	5036	7474	0.21%	0.021%
65	17.315	2414	2421	2427	rBV	1070447	1599437	44.21%	4.499%
66	17.415	2432	2438	2450	rVB	1907545	2905293	80.31%	8.172%
67	17.750	2493	2495	2496	rBV2	8421	6681	0.18%	0.019%
68	17.826	2506	2508	2511	rVB4	4944	4419	0.12%	0.012%
69	17.873	2514	2516	2519	rBV4	4842	3931	0.11%	0.011%
70	18.220	2570	2575	2583	rBV	319027	473097	13.08%	1.331%
71	19.072	2717	2720	2721	rBV3	24315	24467	0.68%	0.069%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081220\
Data File : BG046231.D
Acq On : 12 Aug 2020 14:59
Operator : CG/JU
Sample : L3612-12
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DBFP0

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-BG072320MA.M
Title : SVOA CALIBRATION

72	19.365	2767	2770	2775	rVB	52756	68212	1.89%	0.192%
73	19.489	2787	2791	2802	rBV2	174516	296003	8.18%	0.833%
74	19.700	2821	2827	2838	rBV2	2402233	3537825	97.80%	9.951%
75	20.252	2919	2921	2924	rVB	29131	23522	0.65%	0.066%
76	21.228	3083	3087	3094	rBV	278317	411360	11.37%	1.157%
77	21.563	3138	3144	3150	rVB	1087999	1689347	46.70%	4.752%
78	22.374	3279	3282	3290	rVB2	74735	130196	3.60%	0.366%
79	24.459	3627	3637	3654	rVB	1287886	3617488	100.00%	10.175%
80	24.665	3663	3672	3681	rBV2	658047	1803130	49.84%	5.072%

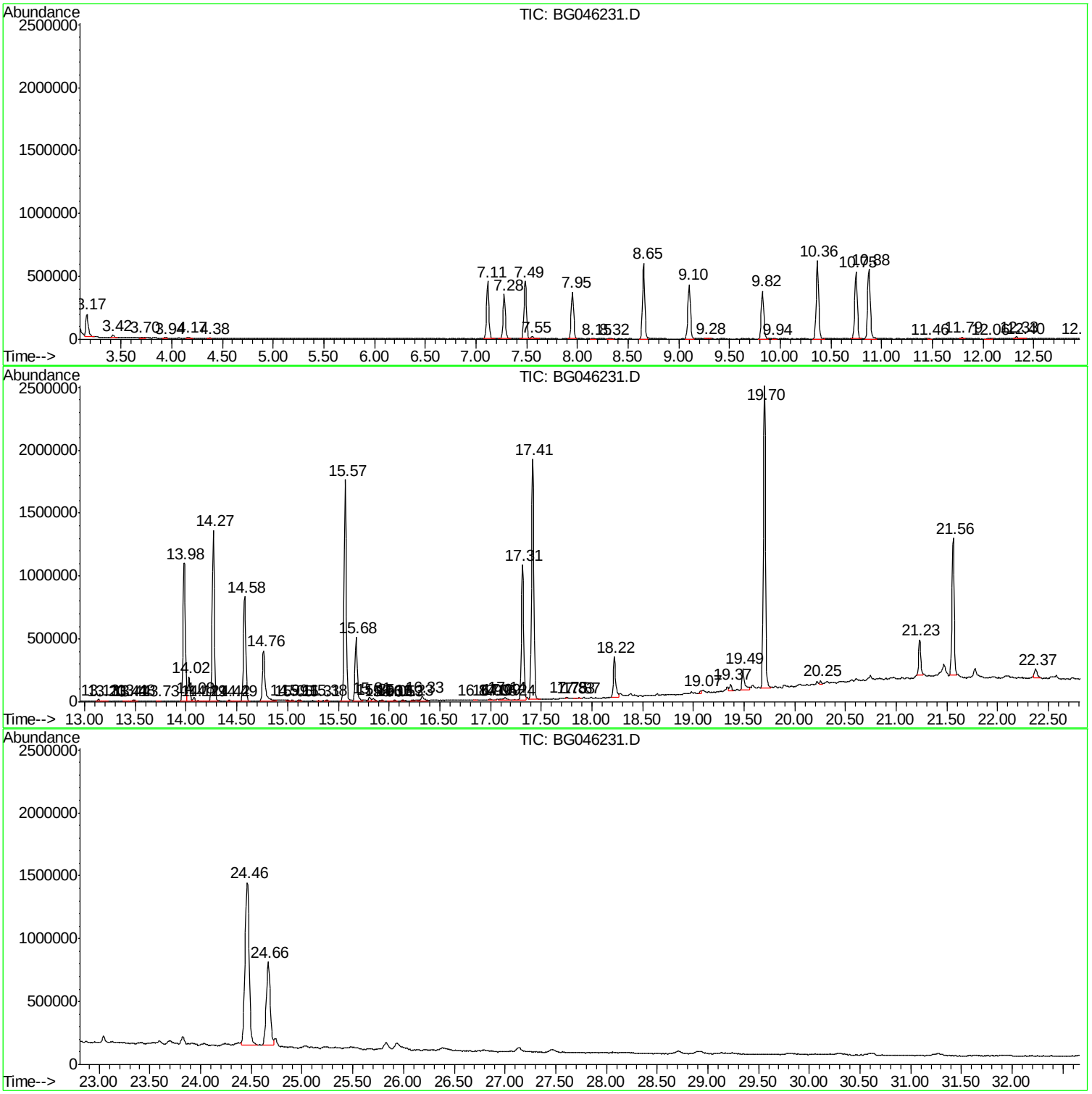
Sum of corrected areas: 35553340

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081220\
Data File : BG046231.D
Acq On : 12 Aug 2020 14:59
Operator : CG/JU
Sample : L3612-12
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
DBFP0

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG072320MA.M
Quant Title : SVOA CALIBRATION

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



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081220\
Data File : BG046231.D
Acq On : 12 Aug 2020 14:59
Operator : CG/JU
Sample : L3612-12
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DBFP0

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG072320MA.M
Quant Title : SVOA CALIBRATION

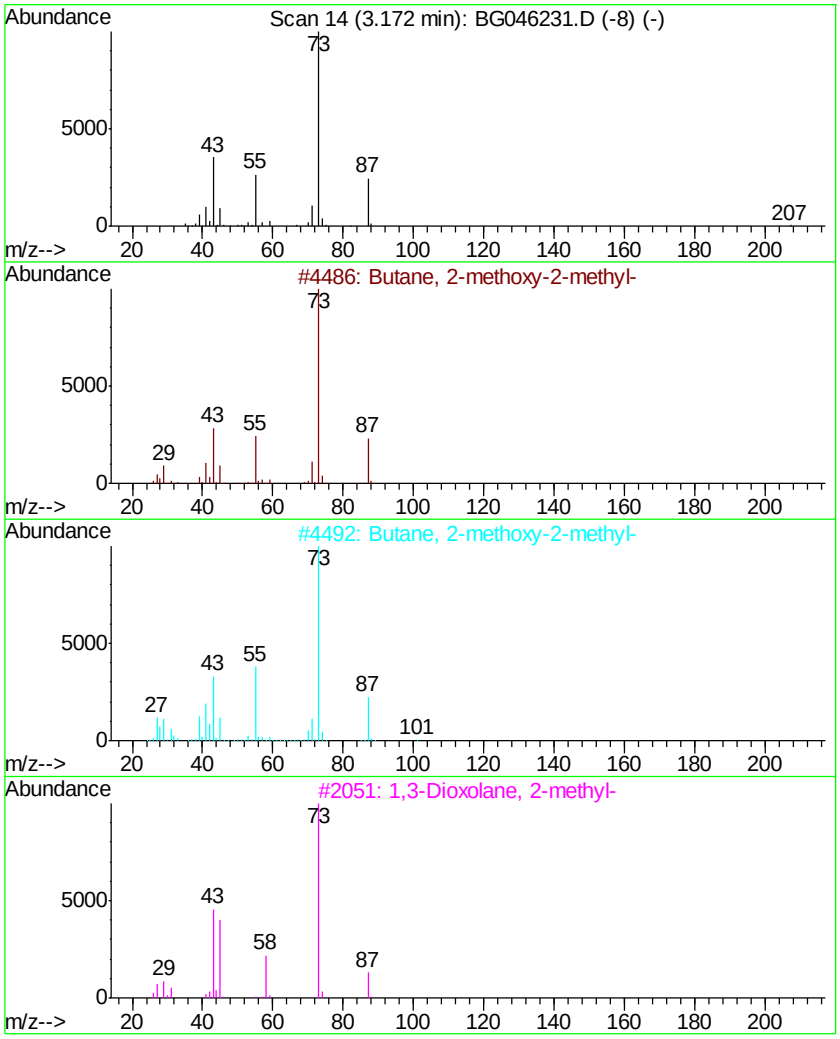
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

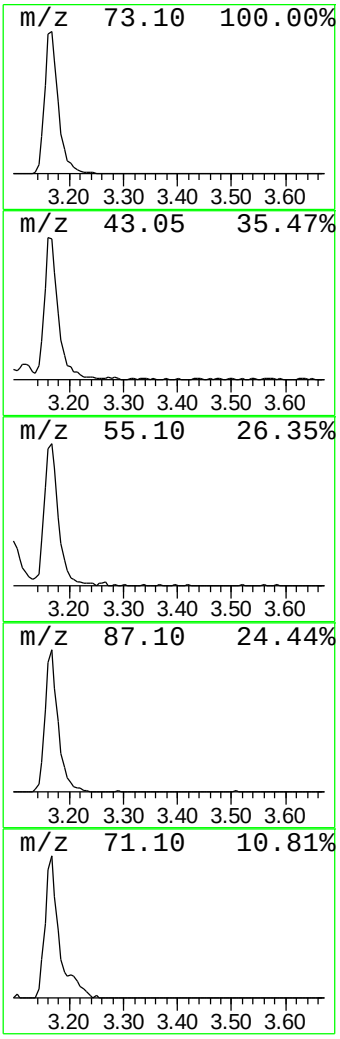
****

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.17	10.05 ng/ul	316365	1,4-Dichlorobenzene-d4	7.95

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	78
2	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	78
3	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	23
4	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	12
5	Silane, tetramethyl-	88	C4H12Si	000075-76-3	9





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081220\
Data File : BG046231.D
Acq On : 12 Aug 2020 14:59
Operator : CG/JU
Sample : L3612-12
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DBFP0

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG072320MA.M
Quant Title : SVOA CALIBRATION

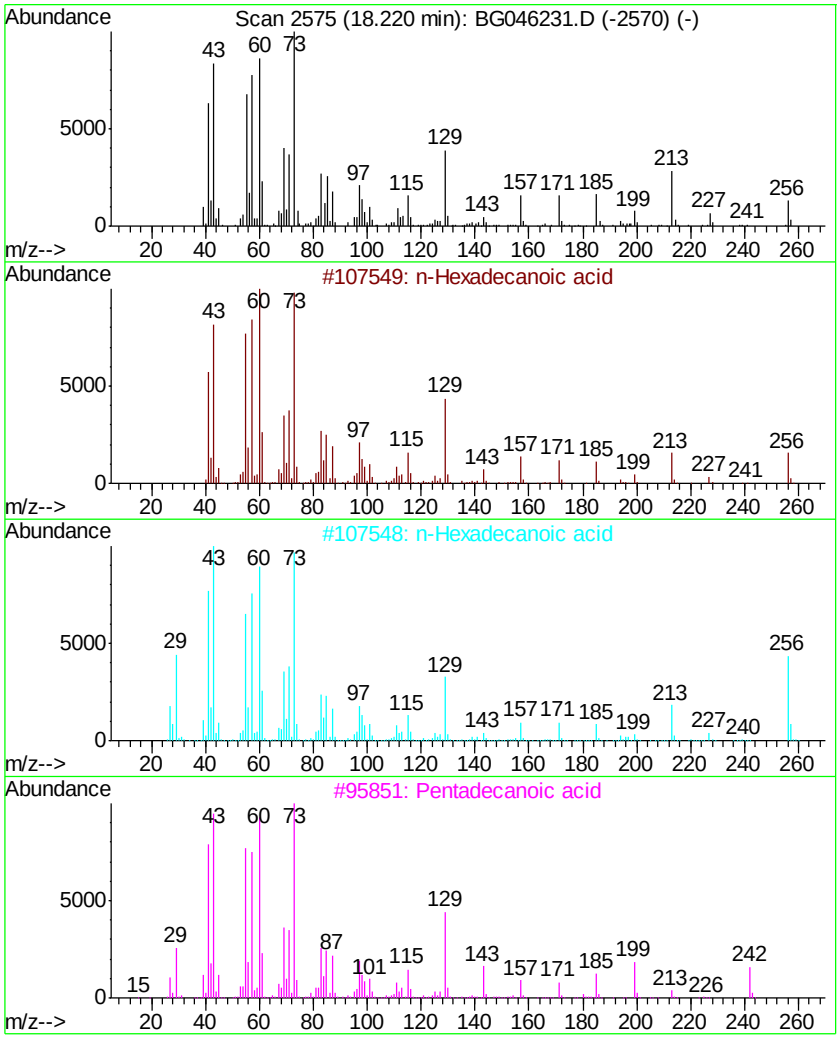
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

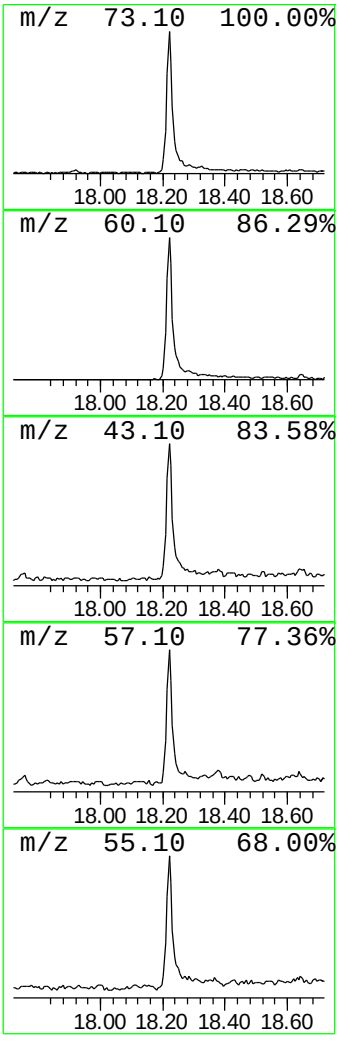
****

Peak Number 2 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.22	5.92 ng/ul	473097	Phenanthrene-d10	17.31

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	81
4	Tridecanoic acid	214	C13H26O2	000638-53-9	70
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	64





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081220\
Data File : BG046231.D
Acq On : 12 Aug 2020 14:59
Operator : CG/JU
Sample : L3612-12
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DBFP0

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG072320MA.M
Quant Title : SVOA CALIBRATION

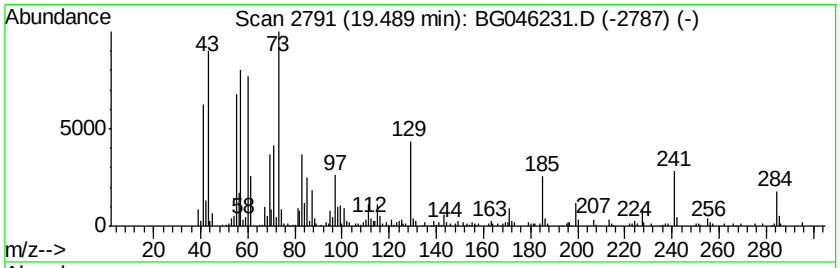
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

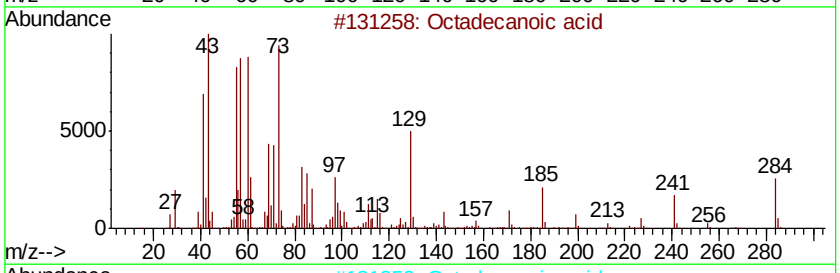
****

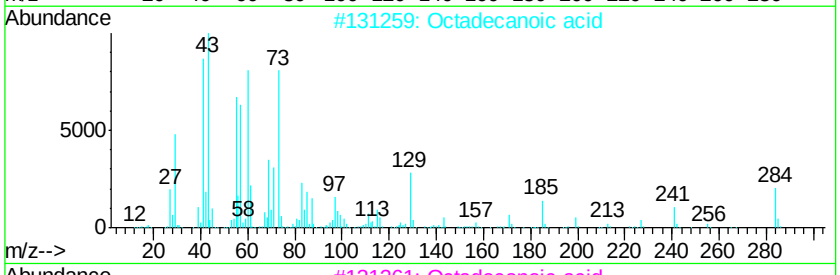
Peak Number 3 Octadecanoic acid Concentration Rank 4

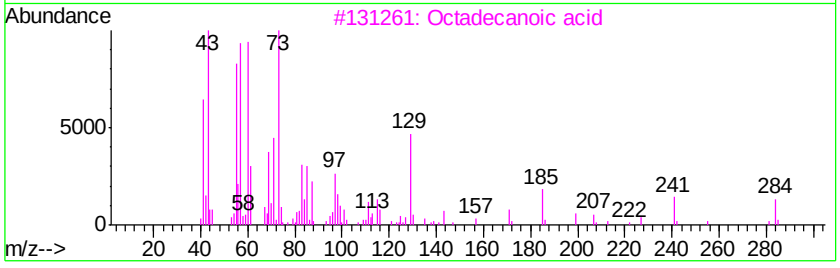
R.T.	EstConc	Area	Relative to ISTD	R.T.
19.49	3.50 ng/ul	296003	Chrysene-d12	21.56

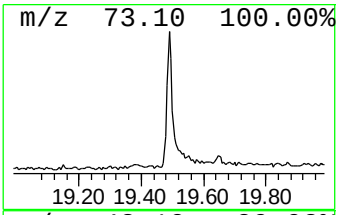
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2	Octadecanoic acid	284	C18H36O2	000057-11-4	98
3	Octadecanoic acid	284	C18H36O2	000057-11-4	96
4	Octadecanoic acid	284	C18H36O2	000057-11-4	95
5	Octadecanoic acid	284	C18H36O2	000057-11-4	94

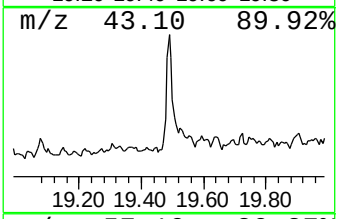


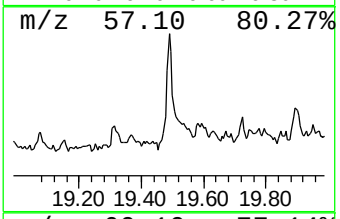


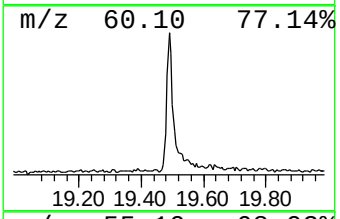


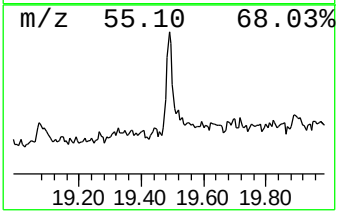












Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081220\
Data File : BG046231.D
Acq On : 12 Aug 2020 14:59
Operator : CG/JU
Sample : L3612-12
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DBFP0

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG072320MA.M
Quant Title : SVOA CALIBRATION

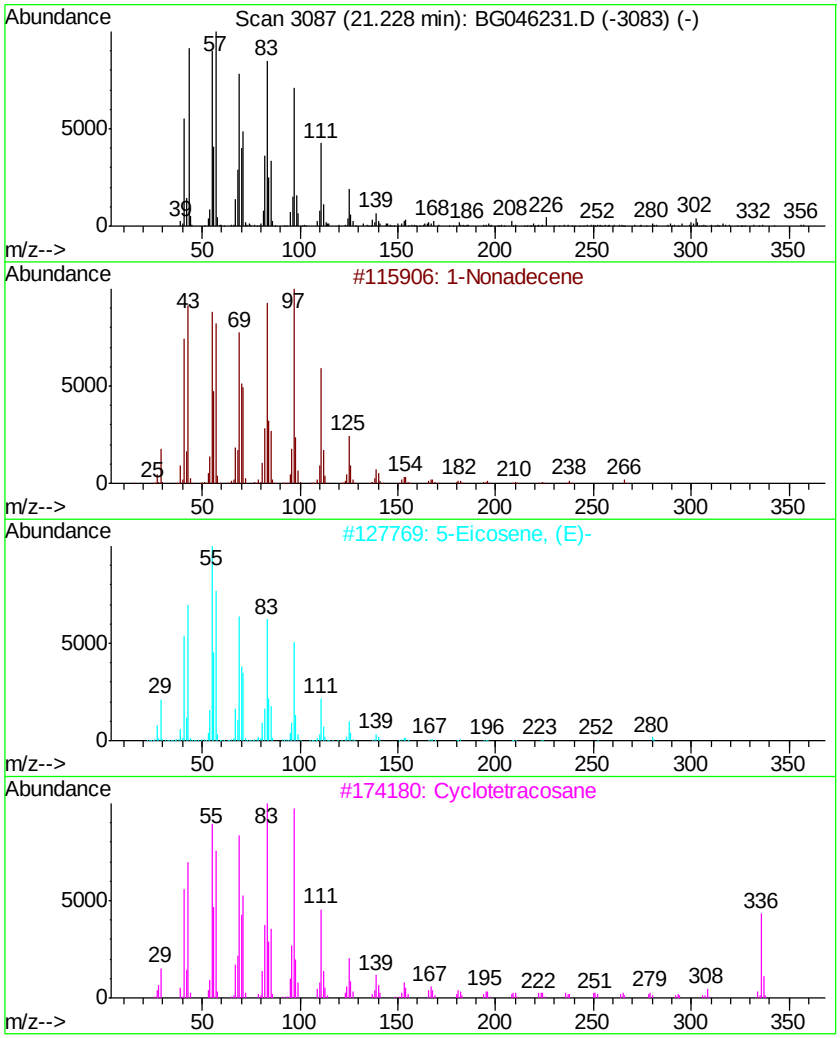
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

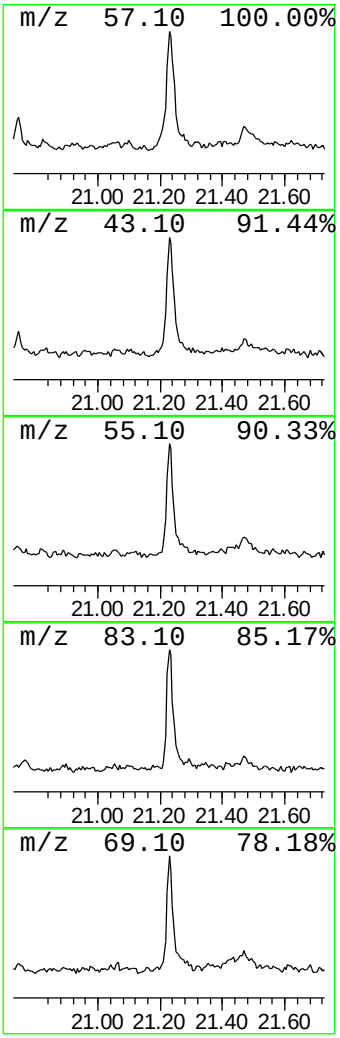
****

Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.23	4.87 ng/ul	411360	Chrysene-d12	21.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Nonadecene	266	C19H38	018435-45-5	98
2	5-Eicosene, (E)-	280	C20H40	074685-30-6	97
3	Cyclotetracosane	336	C24H48	000297-03-0	95
4	Trifluoroacetoxy hexadecane	338	C18H33F3O2	006222-03-3	94
5	n-Tetracosanol-1	354	C24H50O	000506-51-4	94





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG081220\
Data File : BG046231.D
Acq On : 12 Aug 2020 14:59
Operator : CG/JU
Sample : L3612-12
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DBFP0

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG072320MA.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
Butane, 2-methoxy...	3.17	10.1	ng/ul	316365	1	7.95	629538	20.0
n-Hexadecanoic acid	18.22	5.9	ng/ul	473097	4	17.31	1599440	20.0
Octadecanoic acid	19.49	3.5	ng/ul	296003	5	21.56	1689350	20.0
(DEL) Alkane: Str...	21.23	4.9	ng/ul	411360	5	21.56	1689350	20.0