LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081220\
Data File : BG046233.D
Acq On : 12 Aug 2020 16:21
Operator : CG/JU
Sample : L3612-13
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DBFP1

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	3.164	8	13	26	rVB	1780897	3057585	100.00%	10.505%
2	3.258	26	29	41	rVB2	22839	55057	1.80%	0.189%
3	3.423	53	57	65	rVB2	14551	22810	0.75%	0.078%
4	3.846	123	129	134	rBV7	4339	8113	0.27%	0.028%
5	3.940	140	145	150	rBV2	18602	27890	0.91%	0.096%
6	4.010	155	157	162	rVV6	3345	4897	0.16%	0.017%
7	4.069	162	167	175	rVB	18382	32059	1.05%	0.110%
8	4.163	178	183	190	rVB5	5626	11339	0.37%	0.039%
9	4.380	217	220	224	rVB5	4304	5759	0.19%	0.020%
10	5.068	332	337	347	rVB2	14390	24883	0.81%	0.085%
11	5.156	347	352	360	rBV8	4028	10739	0.35%	0.037%
12	5.984	490	493	498	rVB4	2770	4603	0.15%	0.016%
13	7.112	678	685	696	rBV	249400	433710	14.18%	1.490%
14	7.277	704	713	722	rBV	223222	375295	12.27%	1.289%
15	7.488	741	749	757	rBV	264059	465882	15.24%	1.601%
16	7.553	757	760	764	rBV3	9558	16067	0.53%	0.055%
17	7.953	821	828	836	rVB	320328	534830	17.49%	1.838%
18	8.652	939	947	962	rBV	251005	440736	14.41%	1.514%
19	8.769	962	967	974	rVB3	11482	20376	0.67%	0.070%
20	9.098	1016	1023	1037	rVB	250284	455160	14.89%	1.564%
21	9.827	1139	1147	1157	rBV	209565	376685	12.32%	1.294%
22	10.367	1231	1239	1254	rBV	328838	596978	19.52%	2.051%
23	10.743	1295	1303	1317	rBV	444310	792767	25.93%	2.724%
24	10.873	1318	1325	1343	rBV	224967	428196	14.00%	1.471%
25	12.330	1568	1573	1579	rBV	5851	9632	0.32%	0.033%
26	12.947	1670	1678	1682	rVB6	3894	6586	0.22%	0.023%
27	13.188	1716	1719	1724	rVB4	4207	7087	0.23%	0.024%
28	13.417	1754	1758	1763	rVB5	3143	4782	0.16%	0.016%
29	13.481	1763	1769	1775	rBV3	10107	16461	0.54%	0.057%
30	13.705	1800	1807	1817	rBV	16547	41254	1.35%	0.142%
31	13.981	1847	1854	1858	rBV	672787	980492	32.07%	3.369%
32	14.028	1858	1862	1870	rVB	183817	263969	8.63%	0.907%
33	14.269	1896	1903	1914	rVB	732450	1152483	37.69%	3.960%
34	14.574	1948	1955	1963	rBV2	718799	1128365	36.90%	3.877%

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081220\
Data File : BG046233.D
Acq On : 12 Aug 2020 16:21
Operator : CG/JU
Sample : L3612-13
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DBFP1

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	14.762	1978	1987	2006	rBV	168217	355896	11.64%	1.223%
36	14.915	2009	2013	2016	rVV6	6627	11737	0.38%	0.040%
37	14.991	2019	2026	2033	rVB9	6982	15945	0.52%	0.055%
38	15.085	2039	2042	2050	rVB5	4075	7931	0.26%	0.027%
39	15.567	2117	2124	2131	rBV	1049162	1535978	50.24%	5.277%
40	15.620	2131	2133	2136	rVB4	6314	7354	0.24%	0.025%
41	15.673	2136	2142	2152	rBV	267880	403077	13.18%	1.385%
42	15.808	2159	2165	2170	rVB3	11554	18433	0.60%	0.063%
43	16.296	2245	2248	2250	rBV3	4584	4695	0.15%	0.016%
44	16.355	2250	2258	2263	rVB4	8801	17660	0.58%	0.061%
45	16.725	2317	2321	2329	rVB7	4556	7949	0.26%	0.027%
46	16.860	2340	2344	2348	rVB3	13050	15350	0.50%	0.053%
47	17.024	2369	2372	2376	rVV4	12374	14279	0.47%	0.049%
48	17.077	2376	2381	2387	rVV8	10748	22013	0.72%	0.076%
49	17.224	2401	2406	2409	rBV6	4621	6767	0.22%	0.023%
50	17.318	2413	2422	2426	rBV	877756	1407452	46.03%	4.836%
51	17.359	2426	2429	2433	rVV	79672	113749	3.72%	0.391%
52	17.412	2433	2438	2449	rVV2	1035523	1601921	52.39%	5.504%
53	17.500	2450	2453	2458	rVB6	7511	12393	0.41%	0.043%
54	17.659	2479	2480	2484	rBV3	3820	5969	0.20%	0.021%
55	17.706	2484	2488	2494	rVV3	20808	35947	1.18%	0.124%
56	17.835	2504	2510	2515	rBV8	3963	6787	0.22%	0.023%
57	17.994	2532	2537	2539	rBV5	7248	11454	0.37%	0.039%
58	18.105	2553	2556	2562	rVB7	4555	5463	0.18%	0.019%
59	18.164	2562	2566	2567	rBV3	4606	4683	0.15%	0.016%
60	18.223	2568	2576	2584	rBV	383708	616296	20.16%	2.117%
61	18.387	2599	2604	2607	rBV3	14014	23570	0.77%	0.081%
62	18.517	2623	2626	2627	rBV2	4487	4499	0.15%	0.015%
63	18.646	2644	2648	2652	rBV6	10600	11592	0.38%	0.040%
64	18.687	2652	2655	2658	rBV2	15280	22306	0.73%	0.077%
65	18.722	2658	2661	2665	rVB2	25657	34482	1.13%	0.118%
66	18.881	2684	2688	2694	rBV9	5393	9253	0.30%	0.032%
67	19.075	2717	2721	2722	rBV3	13380	16300	0.53%	0.056%
68	19.098	2722	2725	2730	rVV7	24853	40717	1.33%	0.140%
69	19.151	2731	2734	2740	rVB7	8744	10359	0.34%	0.036%
70	19.239	2745	2749	2756	rBV2	16555	34710	1.14%	0.119%
71	19.363	2761	2770	2778	rBV	315204	481013	15.73%	1.653%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081220\
Data File : BG046233.D
Acq On : 12 Aug 2020 16:21
Operator : CG/JU
Sample : L3612-13
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DBFP1

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	19.486	2787	2791	2801	rBV	175648	282065	9.23%	0.969%
73	19.698	2821	2827	2840	rBV2	1411858	2384164	77.98%	8.191%
74	19.798	2842	2844	2852	rVB7	11819	21721	0.71%	0.075%
75	19.909	2859	2863	2865	rBV	13527	15387	0.50%	0.053%
76	19.968	2869	2873	2876	rVB4	11254	17311	0.57%	0.059%
77	20.044	2882	2886	2888	rBV4	18616	26414	0.86%	0.091%
78	20.221	2912	2916	2919	rVB3	30178	39579	1.29%	0.136%
79	20.256	2919	2922	2927	rVB2	18839	23426	0.77%	0.080%
80	20.320	2929	2933	2936	rBV3	17419	24848	0.81%	0.085%
81	20.379	2938	2943	2946	rBV3	18105	28633	0.94%	0.098%
82	20.567	2971	2975	2978	rBV6	13327	18698	0.61%	0.064%
83	20.726	2999	3002	3003	rBV3	13407	15561	0.51%	0.053%
84	20.743	3003	3005	3008	rVB3	20162	22892	0.75%	0.079%
85	20.967	3040	3043	3050	rVB	36572	60451	1.98%	0.208%
86	21.055	3056	3058	3064	rVB4	26814	32460	1.06%	0.112%
87	21.231	3084	3088	3096	rBV3	410459	586905	19.20%	2.016%
88	21.472	3125	3129	3135	rBV2	48418	68544	2.24%	0.236%
89	21.560	3136	3144	3149	rVV	1036852	1836947	60.08%	6.311%
90	21.607	3149	3152	3161	rVB	153835	251890	8.24%	0.865%
91	21.778	3178	3181	3185	rVB	44256	56812	1.86%	0.195%
92	22.377	3280	3283	3294	rVB3	67474	128385	4.20%	0.441%
93	23.041	3392	3396	3400	rBV4	39911	62550	2.05%	0.215%
94	23.687	3499	3506	3514	rBV	139864	431559	14.11%	1.483%
95	23.816	3523	3528	3534	rBV3	60741	120826	3.95%	0.415%
96	24.380	3618	3624	3628	rBV	69525	165220	5.40%	0.568%
97	24.457	3628	3637	3644	rVV	694920	1768314	57.83%	6.075%
98	24.668	3663	3673	3681	rBV3	593258	1649079	53.93%	5.666%
99	25.826	3864	3870	3879	rVB2	58771	152418	4.98%	0.524%
100	25.926	3883	3887	3888	rBV3	37867	43146	1.41%	0.148%

Sum of corrected areas: 29105711

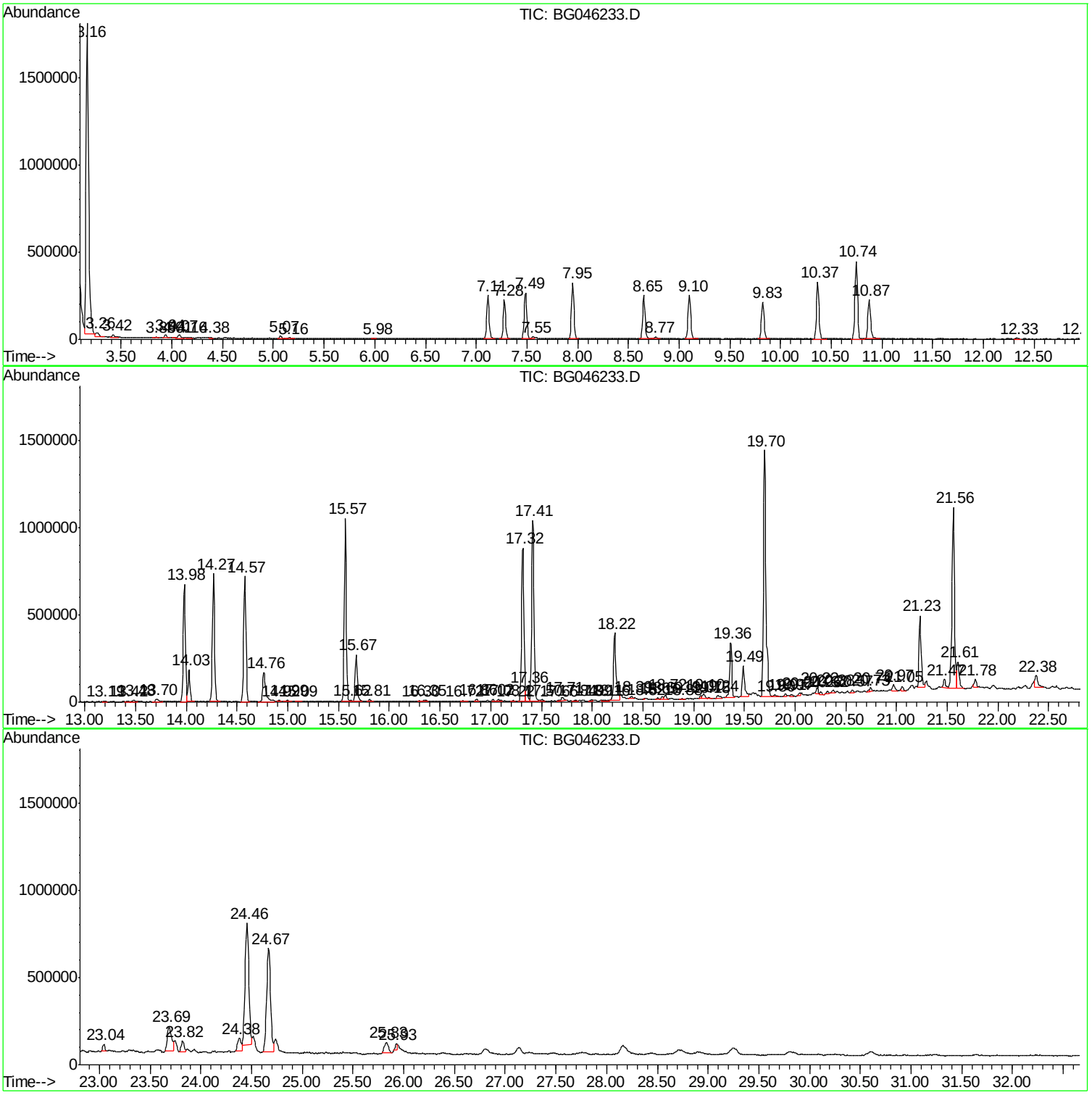
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081220\
Data File : BG046233.D
Acq On : 12 Aug 2020 16:21
Operator : CG/JU
Sample : L3612-13
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DBFP1

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



Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081220\
Data File : BG046233.D
Acq On : 12 Aug 2020 16:21
Operator : CG/JU
Sample : L3612-13
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DBFP1

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

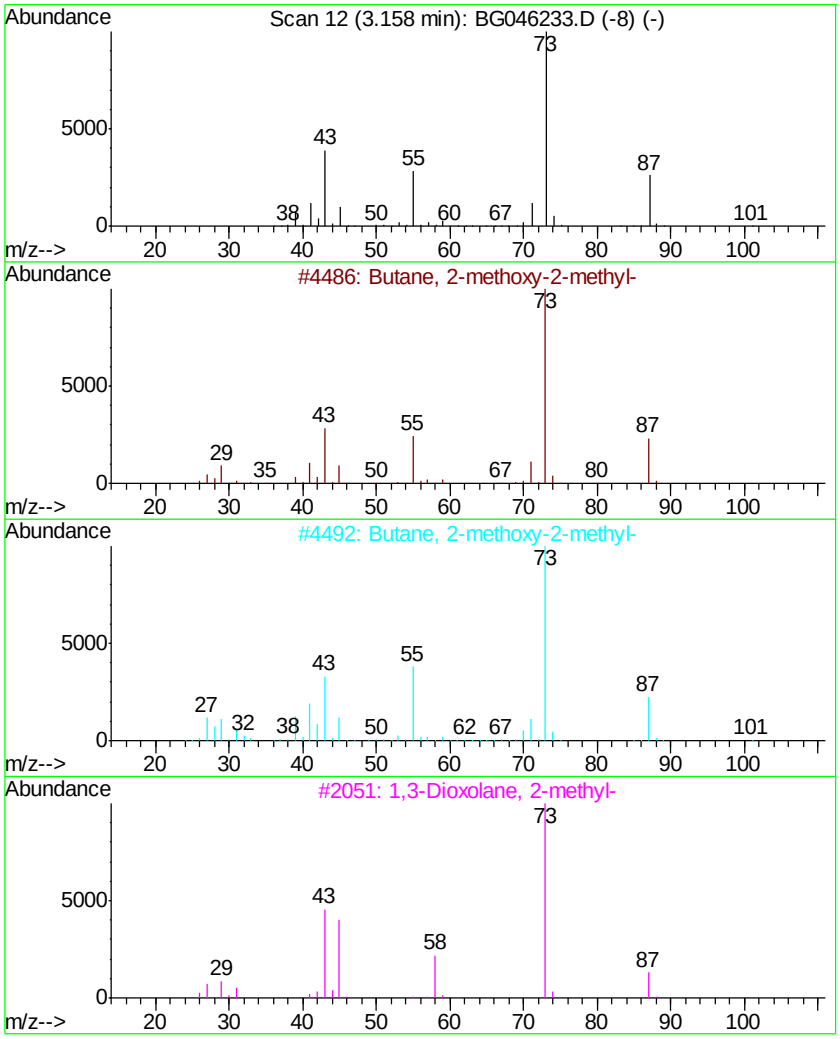
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

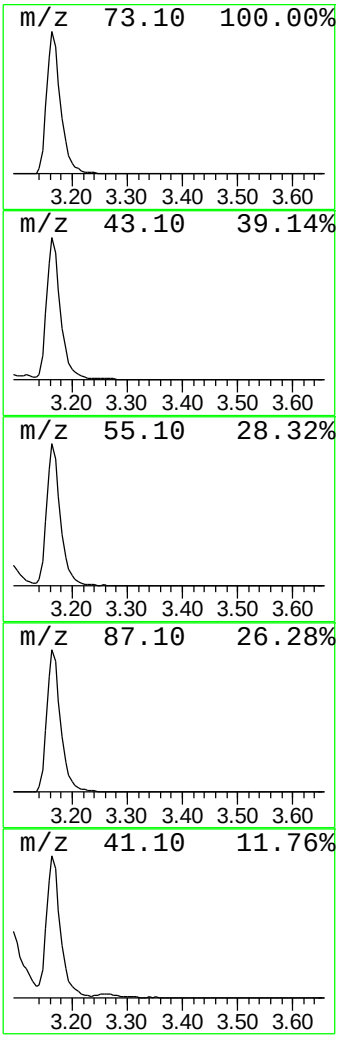
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.16	114.34 ng/ul	3057590	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	72
2	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	72
3	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	38
4	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	38
5	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	38





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081220\
Data File : BG046233.D
Acq On : 12 Aug 2020 16:21
Operator : CG/JU
Sample : L3612-13
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DBFP1

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

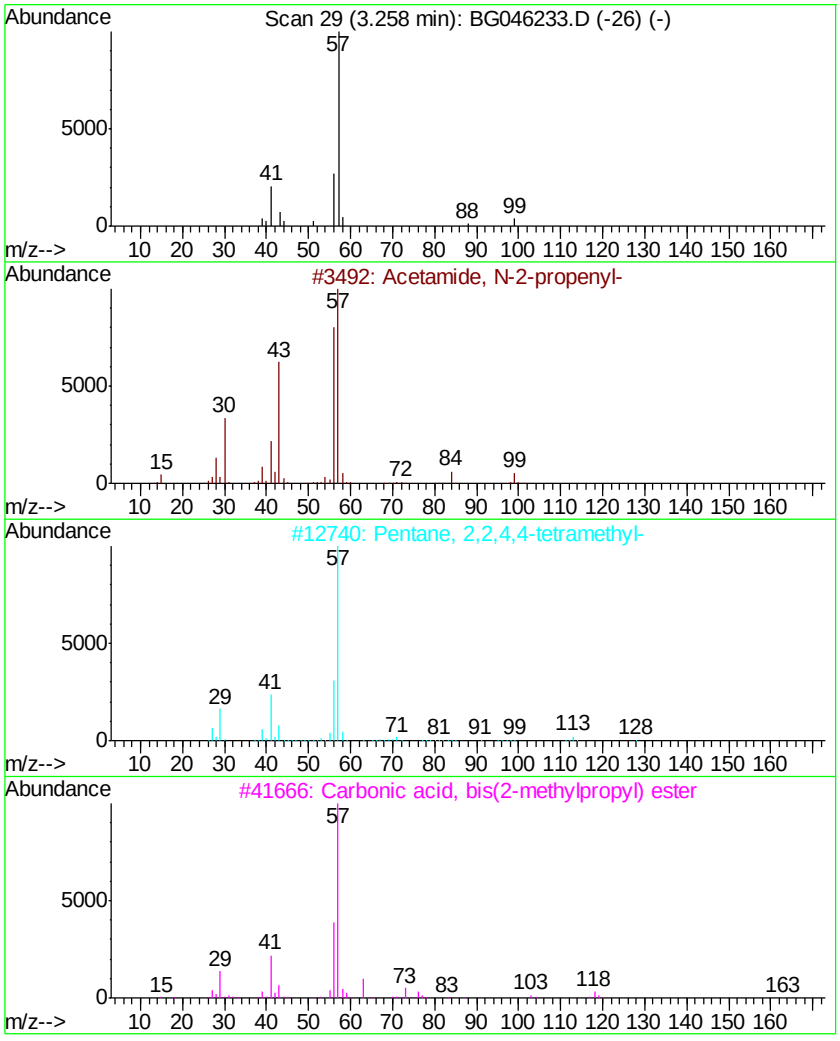
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

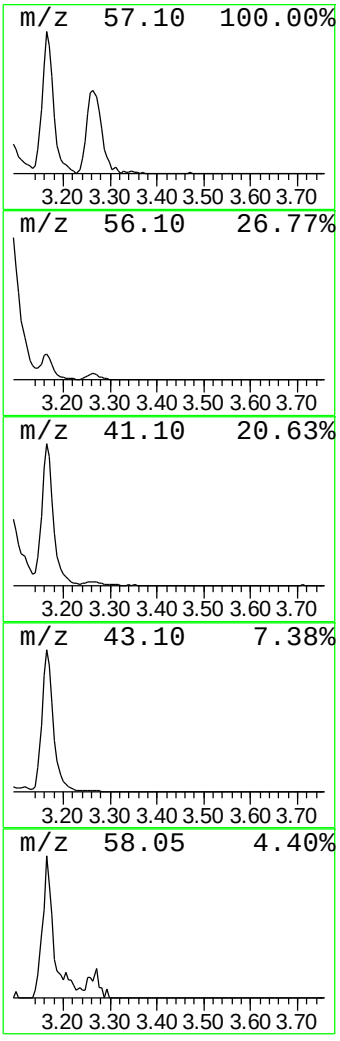
****

Peak Number 2 unknown-01 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.26	2.06 ng/ul	55057	1,4-Dichlorobenzene-d4	7.95

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Acetamide, N-2-propenyl-	99	C5H9NO	000692-33-1	9
2	Pentane, 2,2,4,4-tetramethyl-	128	C9H20	001070-87-7	9
3	Carbonic acid, bis(2-methylpropy...	174	C9H18O3	000539-92-4	9
4	Propanoic acid, 2-methylpropyl e...	130	C7H14O2	000540-42-1	9
5	Pentane, 2,2,4,4-tetramethyl-	128	C9H20	001070-87-7	9





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081220\
Data File : BG046233.D
Acq On : 12 Aug 2020 16:21
Operator : CG/JU
Sample : L3612-13
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DBFP1

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

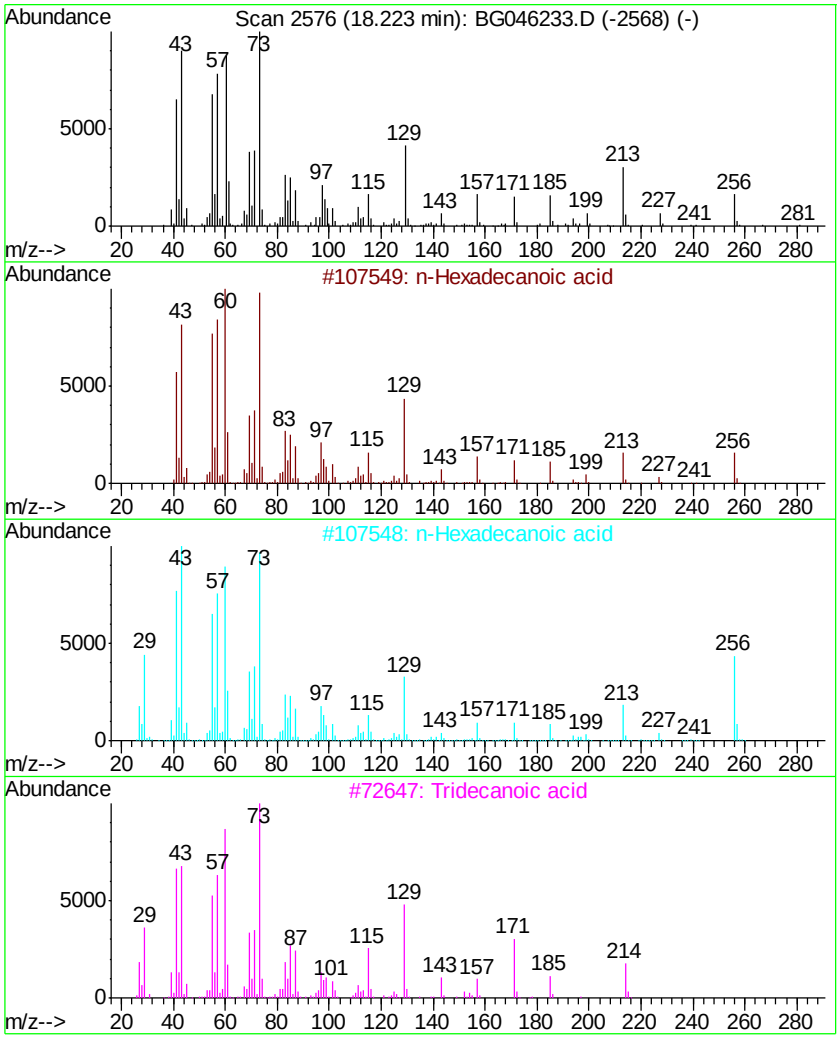
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

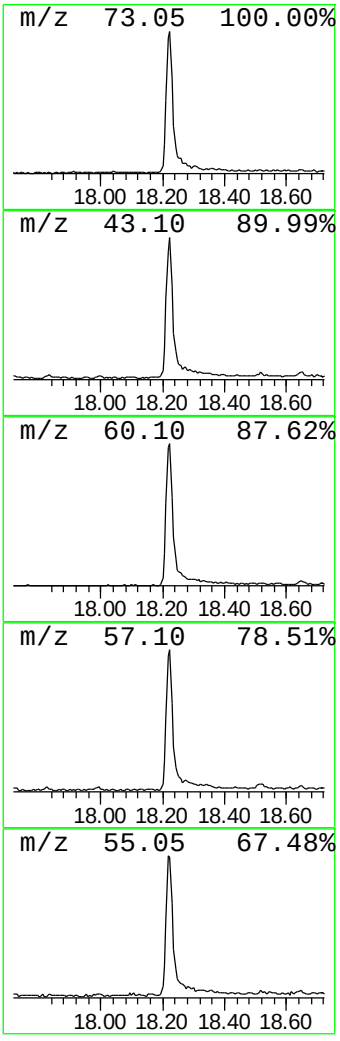
****

Peak Number 3 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.22	8.76 ng/ul	616296	Phenanthrene-d10	17.32

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	Tridecanoic acid	214	C13H26O2	000638-53-9	95
4	Tridecanoic acid	214	C13H26O2	000638-53-9	93
5	Tridecanoic acid	214	C13H26O2	000638-53-9	91





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081220\
Data File : BG046233.D
Acq On : 12 Aug 2020 16:21
Operator : CG/JU
Sample : L3612-13
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DBFP1

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

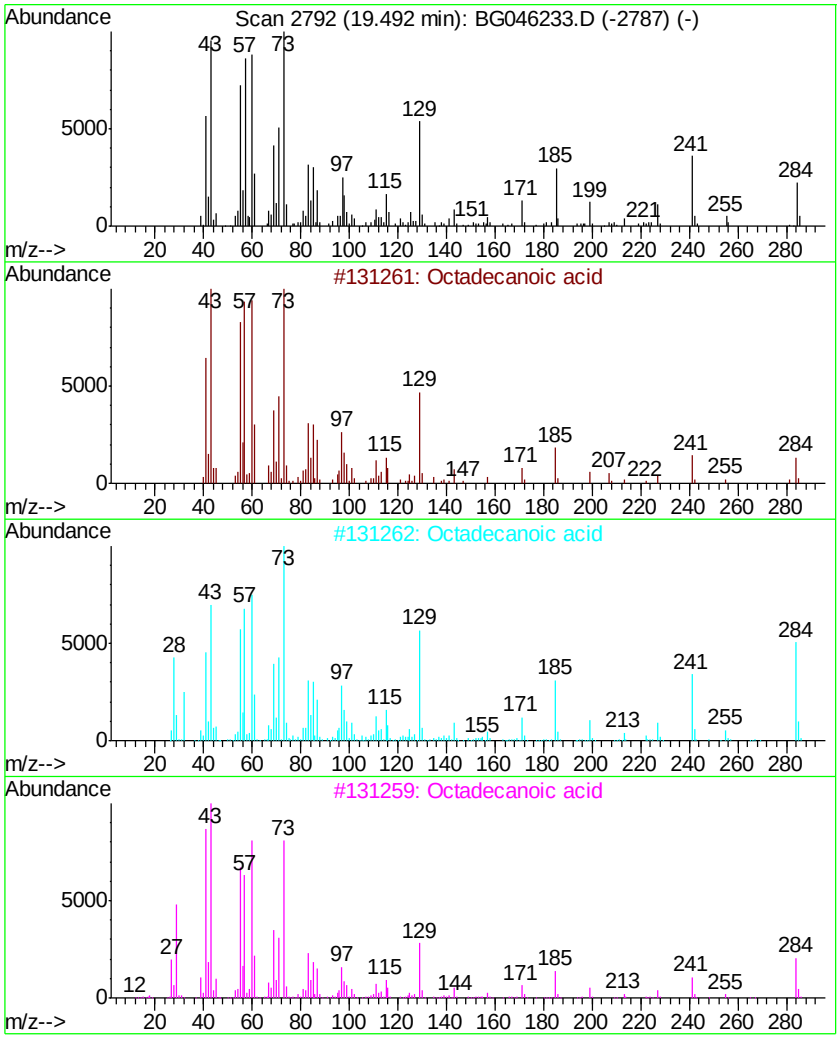
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

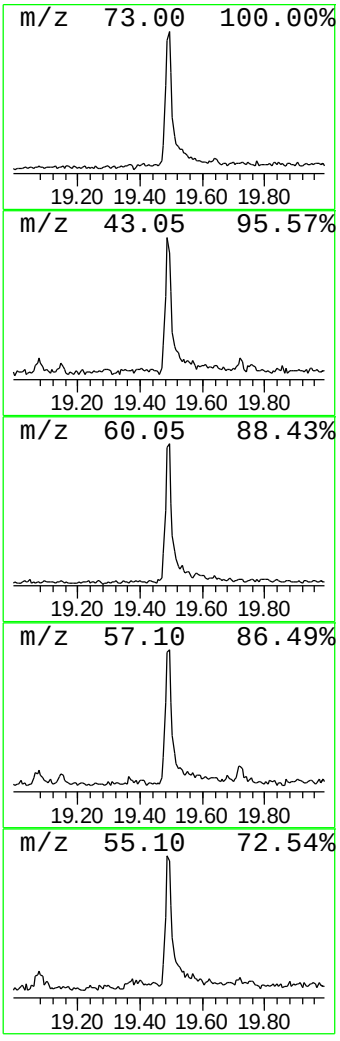
****

Peak Number 4 Octadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.49	3.07 ng/ul	282065	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	99
3	Octadecanoic acid	284	C18H36O2	000057-11-4	97
4	Octadecanoic acid	284	C18H36O2	000057-11-4	96
5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	89





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081220\
Data File : BG046233.D
Acq On : 12 Aug 2020 16:21
Operator : CG/JU
Sample : L3612-13
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DBFP1

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

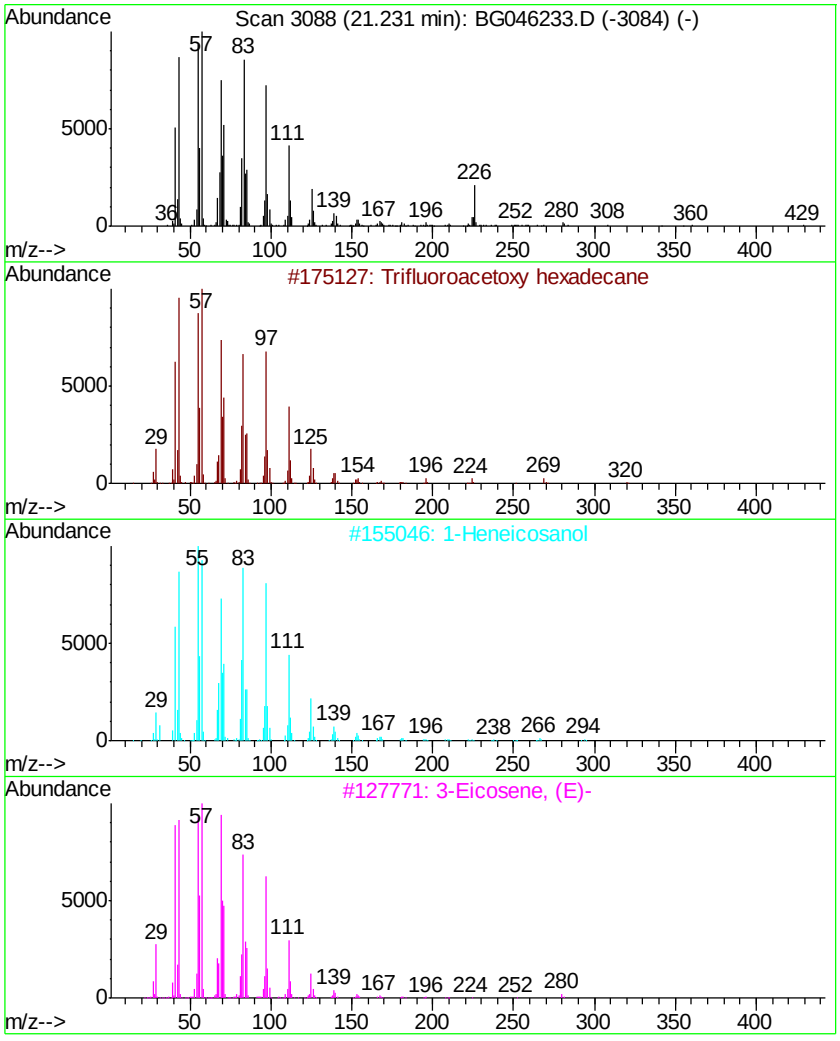
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

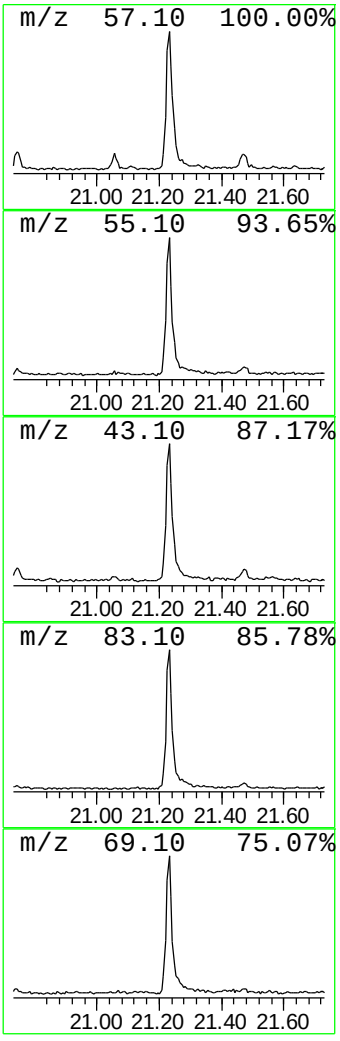
****

Peak Number 5 Trifluoroacetoxy hexadecane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.23	6.39 ng/ul	586905	Chrysene-d12	21.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Trifluoroacetoxy hexadecane	338	C18H33F3O2	006222-03-3	94
2	1-Heneicosanol	312	C21H44O	015594-90-8	93
3	3-Eicosene, (E)-	280	C20H40	074685-33-9	93
4	9-Eicosene, (E)-	280	C20H40	074685-29-3	93
5	Heptafluorobutyric acid, pentade...	424	C19H31F7O2	959261-23-5	93





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081220\
Data File : BG046233.D
Acq On : 12 Aug 2020 16:21
Operator : CG/JU
Sample : L3612-13
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DBFP1

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

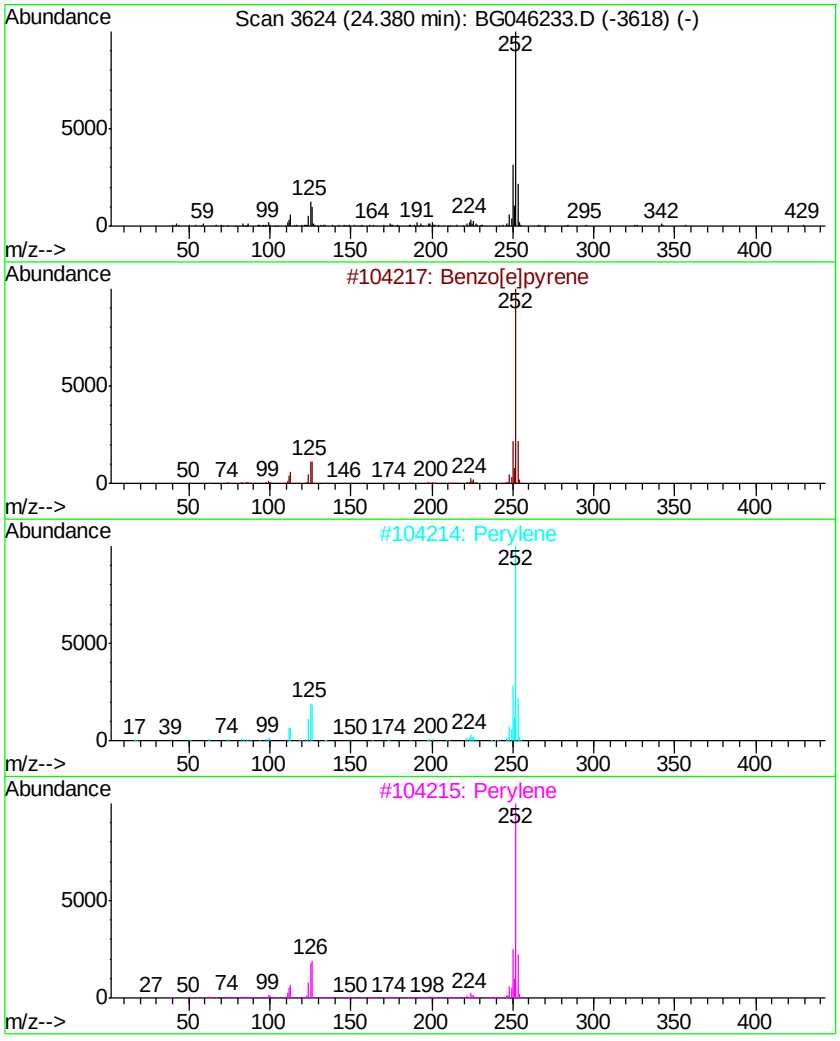
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

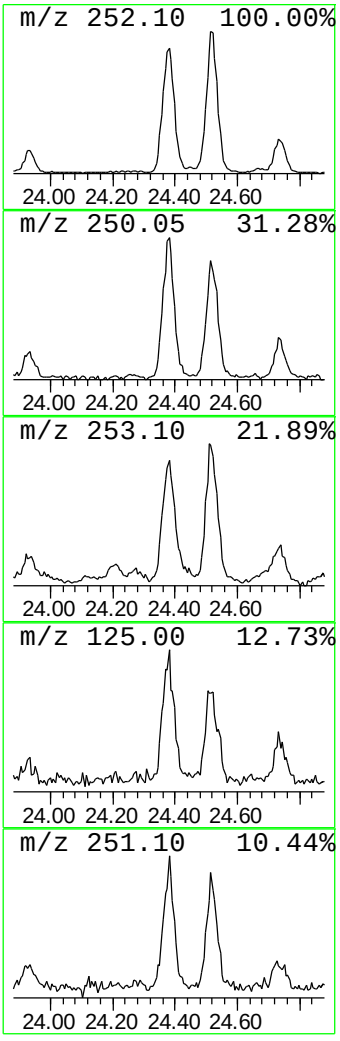
****

Peak Number 6 Benzo[e]pyrene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.38	2.00 ng/ul	165220	Perylene-d12	24.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	98
2	Perylene	252	C20H12	000198-55-0	95
3	Perylene	252	C20H12	000198-55-0	90
4	Benzo[k]fluoranthene	252	C20H12	000207-08-9	90
5	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	89





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG081220\
Data File : BG046233.D
Acq On : 12 Aug 2020 16:21
Operator : CG/JU
Sample : L3612-13
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DBFP1

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...	3.16	114.3	ng/ul	3057590	1	7.95	534830	20.0
unknown-01	3.26	2.1	ng/ul	55057	1	7.95	534830	20.0
n-Hexadecanoic acid	18.22	8.8	ng/ul	616296	4	17.32	1407450	20.0
Octadecanoic acid	19.49	3.1	ng/ul	282065	5	21.56	1836950	20.0
Trifluoroacetoxy ...	21.23	6.4	ng/ul	586905	5	21.56	1836950	20.0
Benzo[e]pyrene	24.38	2.0	ng/ul	165220	6	24.67	1649080	20.0