LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080319\
Data File : BG041952.D
Acq On : 4 Aug 2019 21:26
Operator : HP/JU
Sample : K3962-21
Misc :
ALS Vial : 53 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BENZ7

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-BG080319MA.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	3.159	7	12	31	rVB	1159195	1970954	100.00%	11.082%
2	3.423	53	57	61	rVB3	8254	11166	0.57%	0.063%
3	3.952	143	147	155	rVB3	8118	12037	0.61%	0.068%
4	4.087	165	170	179	rVB2	9166	16415	0.83%	0.092%
5	4.181	183	186	192	rVB3	3363	4685	0.24%	0.026%
6	5.109	340	344	345	rBV2	3294	4160	0.21%	0.023%
7	5.198	356	359	364	rBV3	1460	2841	0.14%	0.016%
8	7.183	691	697	708	rBV	128869	262433	13.32%	1.476%
9	7.354	717	726	736	rBV	100944	187458	9.51%	1.054%
10	7.565	754	762	772	rBV	142647	269525	13.67%	1.515%
11	8.035	834	842	850	rBV	235065	410663	20.84%	2.309%
12	8.740	955	962	975	rBV2	118287	229046	11.62%	1.288%
13	8.864	977	983	989	rVB5	3470	8226	0.42%	0.046%
14	9.199	1033	1040	1049	rBV	141749	268235	13.61%	1.508%
15	9.369	1066	1069	1073	rVB3	2001	2917	0.15%	0.016%
16	9.651	1113	1117	1121	rBV2	2774	3978	0.20%	0.022%
17	9.927	1156	1164	1177	rBV	123173	236033	11.98%	1.327%
18	10.474	1249	1257	1279	rBV	179254	366900	18.62%	2.063%
19	10.861	1315	1323	1336	rBV	331872	607547	30.83%	3.416%
20	10.985	1338	1344	1359	rVV	130069	266786	13.54%	1.500%
21	12.442	1587	1592	1599	rBV2	3128	5647	0.29%	0.032%
22	12.524	1602	1606	1612	rBV2	1603	2823	0.14%	0.016%
23	13.529	1772	1777	1780	rVB4	1551	2356	0.12%	0.013%
24	13.588	1783	1787	1791	rVV3	1997	2965	0.15%	0.017%
25	14.011	1854	1859	1866	rBV3	1896	3470	0.18%	0.020%
26	14.093	1866	1873	1877	rBV	368444	557445	28.28%	3.134%
27	14.140	1877	1881	1892	rVB	173117	266404	13.52%	1.498%
28	14.387	1916	1923	1932	rBV	436831	710039	36.03%	3.992%
29	14.592	1953	1958	1964	rVB4	2331	3715	0.19%	0.021%
30	14.698	1969	1976	1983	rVV	556458	868485	44.06%	4.883%
31	14.757	1983	1986	1993	rVB	5625	10327	0.52%	0.058%
32	14.880	2001	2007	2022	rBV	63256	140414	7.12%	0.790%
33	15.104	2039	2045	2051	rBV5	13736	22361	1.13%	0.126%
34	15.433	2097	2101	2106	rBV4	2256	3235	0.16%	0.018%

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Sample : K3962-21
Misc :
ALS Vial : 53 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BENZ7

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-BG080319MA.M
Title : SVOA CALIBRATION

35	15.497	2110	2112	2117	rVV3	2355	3636	0.18%	0.020%
36	15.550	2117	2121	2126	rVV5	2111	3446	0.17%	0.019%
37	15.691	2138	2145	2151	rBV	569739	911369	46.24%	5.124%
38	15.738	2151	2153	2159	rVV2	8643	13168	0.67%	0.074%
39	15.803	2159	2164	2171	rVV	95470	148125	7.52%	0.833%
40	15.932	2179	2186	2190	rBV6	6870	11775	0.60%	0.066%
41	16.038	2199	2204	2209	rVB5	2975	5672	0.29%	0.032%
42	16.114	2214	2217	2220	rBV3	1440	2107	0.11%	0.012%
43	16.285	2242	2246	2248	rBV4	3325	3360	0.17%	0.019%
44	16.414	2264	2268	2273	rBV3	5373	8886	0.45%	0.050%
45	16.478	2273	2279	2282	rVB6	3377	5395	0.27%	0.030%
46	16.649	2305	2308	2309	rBV3	2148	2414	0.12%	0.014%
47	16.725	2317	2321	2324	rVV5	2357	4002	0.20%	0.023%
48	16.907	2349	2352	2355	rBV5	2465	3319	0.17%	0.019%
49	16.984	2362	2365	2368	rVB5	3379	4900	0.25%	0.028%
50	17.019	2368	2371	2375	rBV4	3338	5895	0.30%	0.033%
51	17.095	2381	2384	2390	rBV2	5740	8731	0.44%	0.049%
52	17.178	2395	2398	2399	rBV3	2627	2411	0.12%	0.014%
53	17.201	2399	2402	2403	rVV2	4911	4640	0.24%	0.026%
54	17.236	2407	2408	2409	rVV	3632	2452	0.12%	0.014%
55	17.260	2409	2412	2417	rVB3	6678	10675	0.54%	0.060%
56	17.354	2422	2428	2435	rBV7	5491	11602	0.59%	0.065%
57	17.448	2435	2444	2448	rBV	690840	1056996	53.63%	5.943%
58	17.489	2448	2451	2455	rVV	111285	155966	7.91%	0.877%
59	17.548	2455	2461	2472	rVB	613465	986789	50.07%	5.549%
60	17.630	2472	2475	2476	rBV3	5464	4477	0.23%	0.025%
61	17.724	2488	2491	2495	rBV5	3751	7223	0.37%	0.041%
62	17.812	2505	2506	2507	rVV	4546	2679	0.14%	0.015%
63	17.842	2508	2511	2517	rVB	15483	23777	1.21%	0.134%
64	17.947	2526	2529	2530	rBV3	4500	4324	0.22%	0.024%
65	18.030	2539	2543	2544	rBV4	5950	6894	0.35%	0.039%
66	18.159	2562	2565	2566	rBV3	3656	3475	0.18%	0.020%
67	18.341	2589	2596	2599	rBV3	58211	107586	5.46%	0.605%
68	18.376	2599	2602	2606	rVB	28106	39494	2.00%	0.222%
69	18.517	2622	2626	2631	rBV3	29328	53057	2.69%	0.298%
70	18.823	2674	2678	2681	rBV	18677	23548	1.19%	0.132%
71	18.858	2681	2684	2692	rVB	30957	49412	2.51%	0.278%

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Instrument : BNA_G
ClientSampleId : BENZ7

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

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Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080319MA.M
Title : SVOA CALIBRATION

72	19.246	2746	2750	2753	rBV3	13547	22139	1.12%	0.124%
73	19.498	2788	2793	2799	rVB	357309	501675	25.45%	2.821%
74	19.833	2844	2850	2853	rBV	898299	1344339	68.21%	7.559%
75	21.373	3109	3112	3121	rVB4	86643	186619	9.47%	1.049%
76	21.731	3165	3173	3178	rBV2	750622	1505905	76.40%	8.467%
77	21.778	3178	3181	3188	rVB	165536	252894	12.83%	1.422%
78	23.970	3547	3554	3562	rBV2	132433	432824	21.96%	2.434%
79	24.780	3685	3692	3700	rBV	379025	945070	47.95%	5.314%
80	25.010	3722	3731	3739	rBV	384221	1147825	58.24%	6.454%

Sum of corrected areas: 17784658

LSC Report - Integrated Chromatogram

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Data File : BG041952.D
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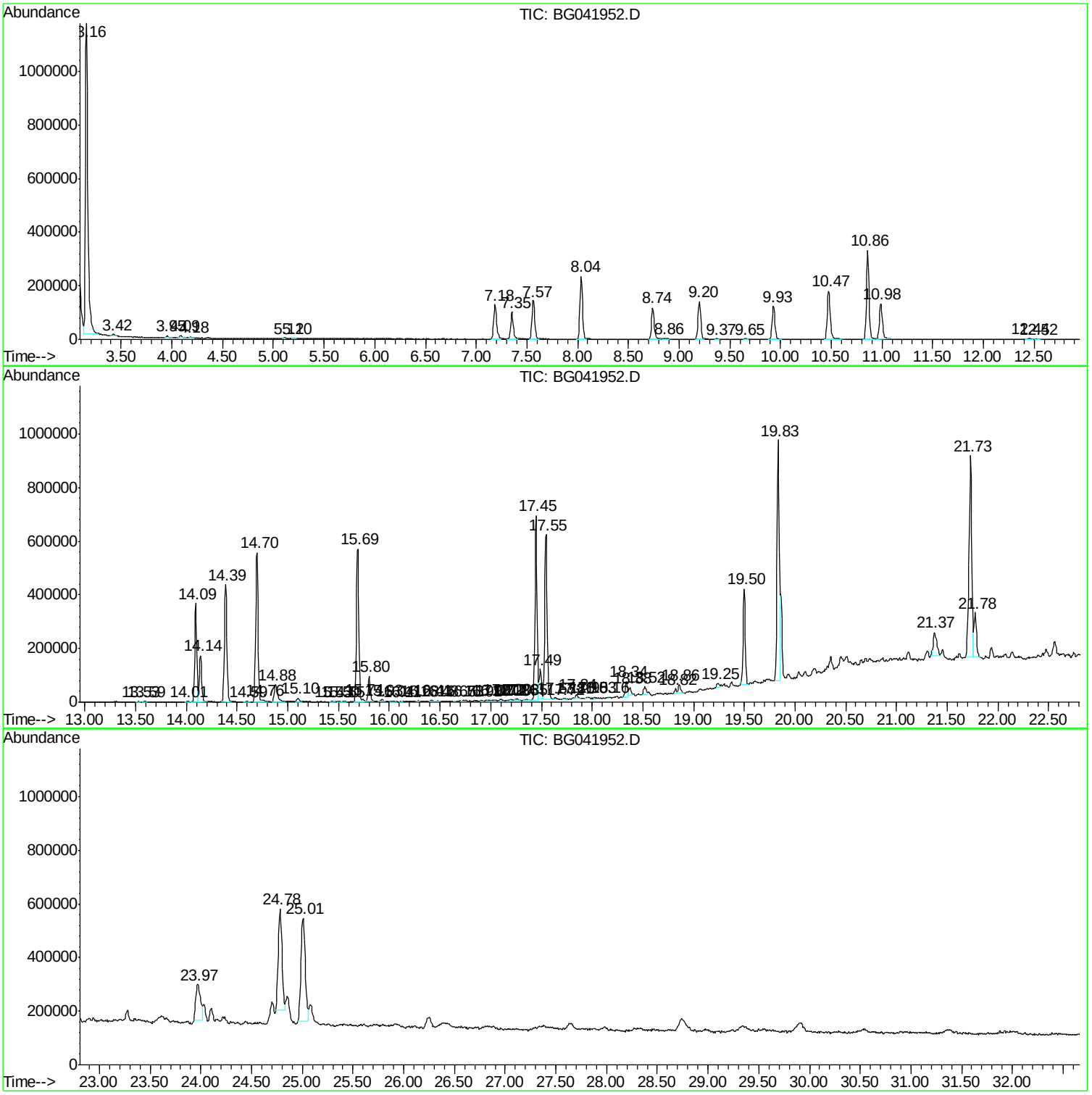
Operator : HP/JU
Sample : K3962-21
Misc :
ALS Vial : 53 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BENZ7

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080319MA.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\BG080319\
Data File : BG041952.D
Acq On : 4 Aug 2019 21:26
Operator : HP/JU
Sample : K3962-21
Misc :
ALS Vial : 53 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BENZ7

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080319MA.M
Quant Title : SVOA CALIBRATION

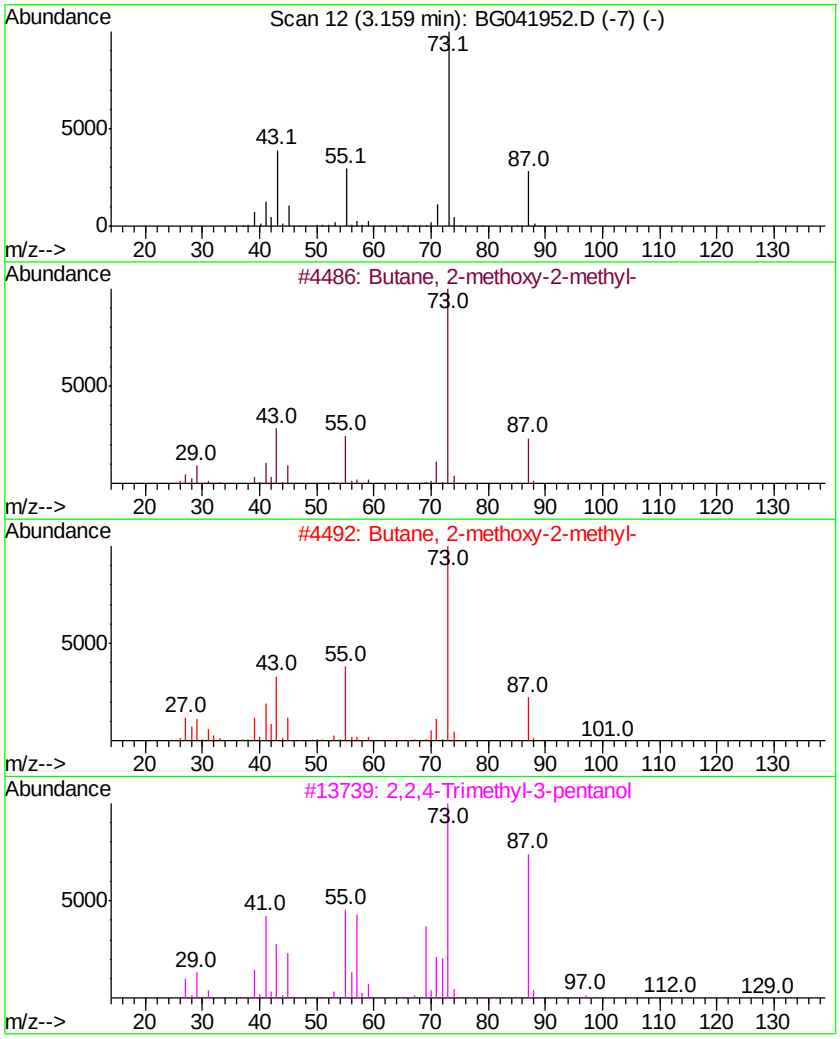
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

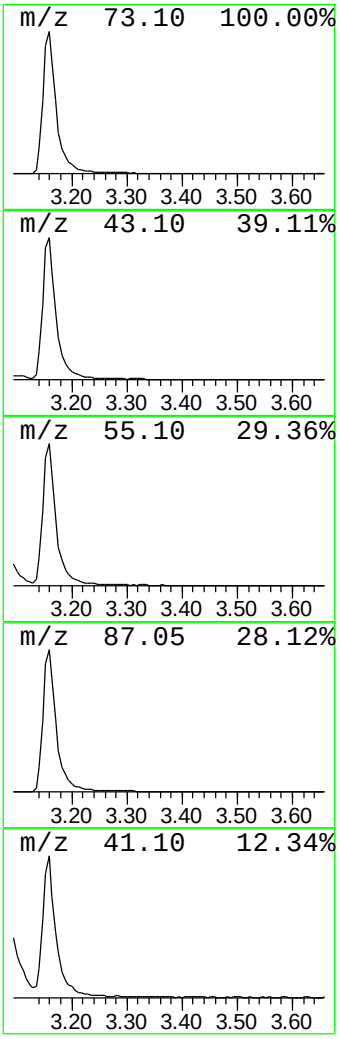
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.16	95.99 ng/ul	1970950	1,4-Dichlorobenzene-d4	8.04

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	72
3	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	38
4	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	38
5	Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	35





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Instrument : BNA_G
ClientSampleId : BENZ7

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080319MA.M
Quant Title : SVOA CALIBRATION

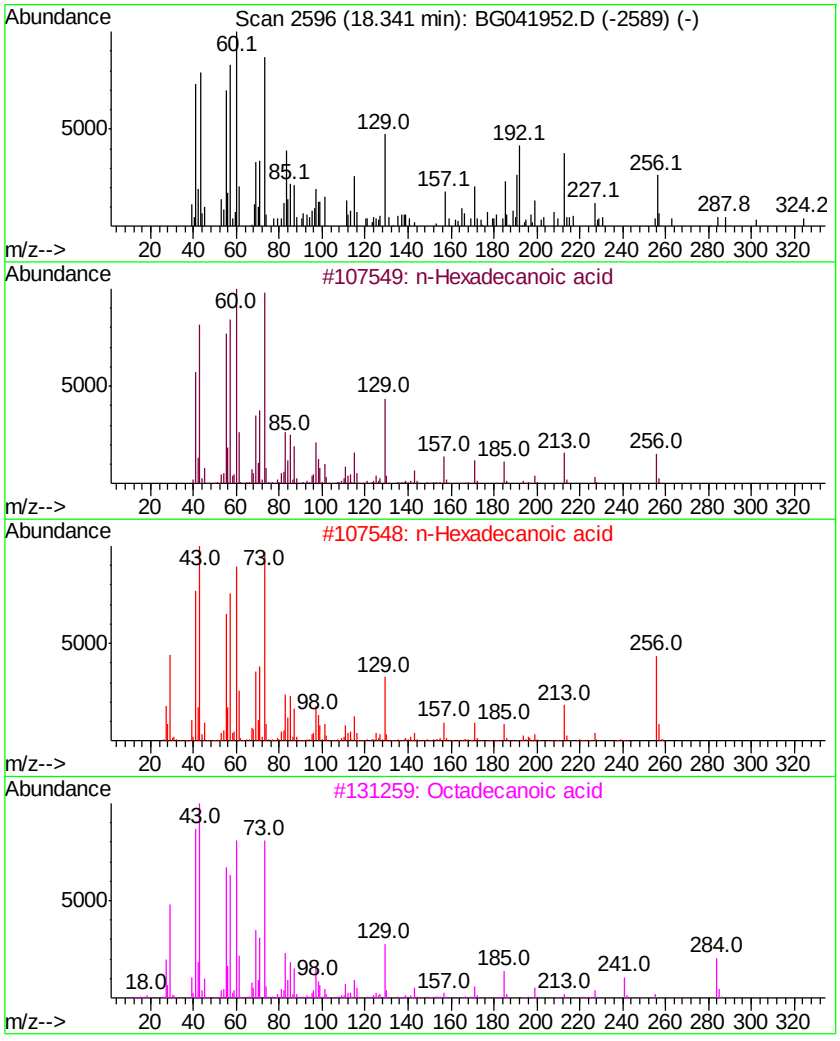
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

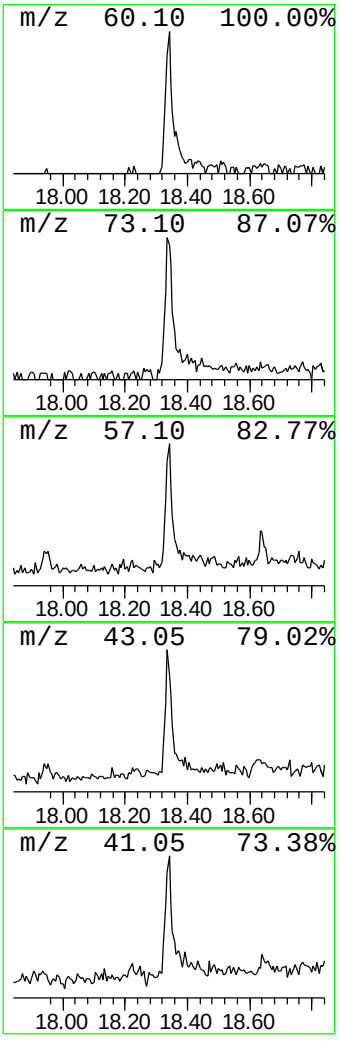
****

Peak Number 2 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.34	2.04 ng/ul	107586	Phenanthrene-d10	17.45

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	96
3	Octadecanoic acid	284	C18H36O2	000057-11-4	95
4	Undecanoic acid	186	C11H22O2	000112-37-8	83
5	Octadecanoic acid	284	C18H36O2	000057-11-4	62





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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080319MA.M
Quant Title : SVOA CALIBRATION

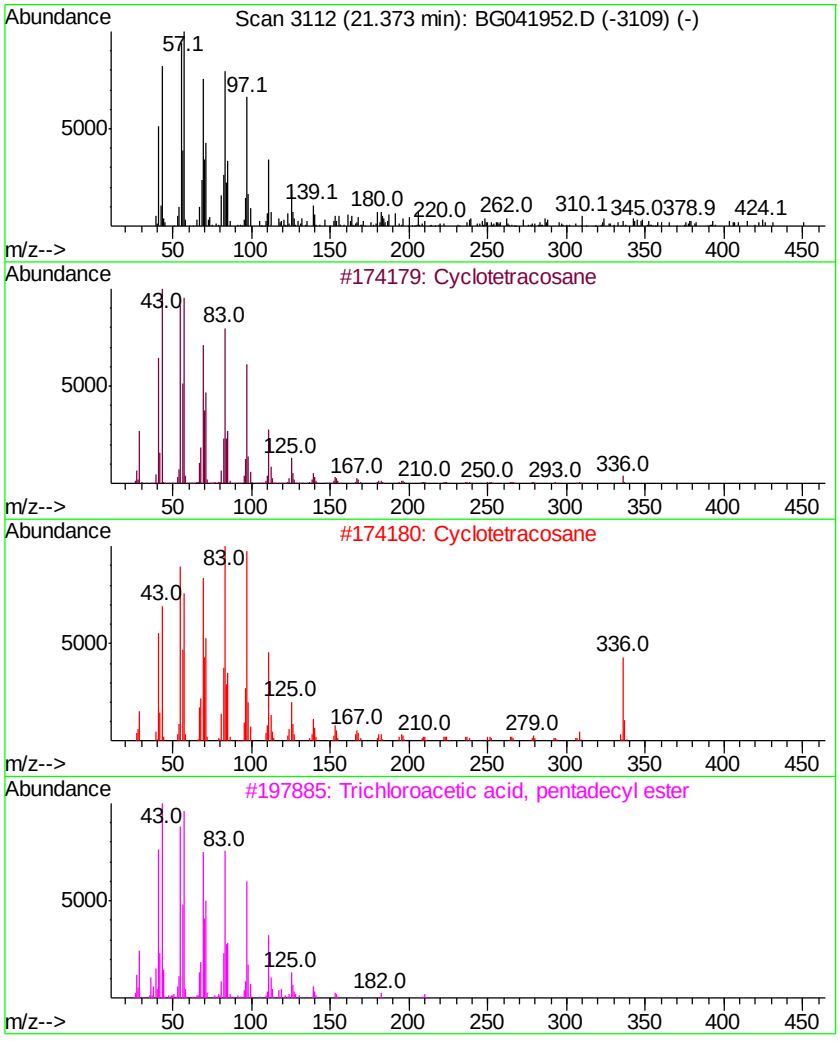
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

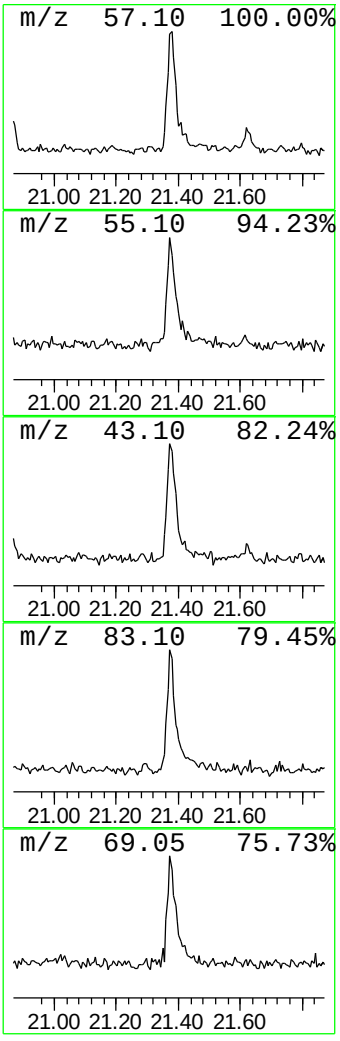
****

Peak Number 3 (DEL) Alkane: Cyclic21.37 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.37	2.48 ng/ul	186619	Chrysene-d12	21.73

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclotetracosane	336	C24H48	000297-03-0	99
2	Cyclotetracosane	336	C24H48	000297-03-0	94
3	Trichloroacetic acid, pentadecyl...	372	C17H31Cl3O2	074339-53-0	94
4	Pentafluoropropionic acid, penta...	374	C18H31F5O2	959092-08-1	94
5	9-Tricosene, (Z)-	322	C23H46	027519-02-4	94





Tentatively Identified Compound (LSC) summary

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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	96.0	ng/ul	1970950	1	8.04	410663	20.0
n-Hexadecanoic acid	18.34	2.0	ng/ul	107586	4	17.45	1057000	20.0
(DEL) Alkane: Cyc...	21.37	2.5	ng/ul	186619	5	21.73	1505910	20.0