LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080719\
Data File : BG042055.D
Acq On : 8 Aug 2019 7:02
Operator : HP/JU
Sample : K4116-15
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : JLLE7

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	3.146	6	10	24	rVB	357846	559482	25.92%	2.322%
2	3.411	51	55	63	rVB	14670	23787	1.10%	0.099%
3	3.698	100	104	111	rBV2	5246	8838	0.41%	0.037%
4	4.069	165	167	171	rVB5	1959	2546	0.12%	0.011%
5	4.168	182	184	190	rVB4	2749	4168	0.19%	0.017%
6	5.097	339	342	351	rVB3	2701	5663	0.26%	0.024%
7	7.177	687	696	710	rBV2	244784	532286	24.66%	2.209%
8	7.341	717	724	735	rBV	179726	312208	14.46%	1.296%
9	7.553	751	760	770	rBV	258636	453318	21.00%	1.881%
10	8.029	833	841	848	rBV	260464	461228	21.37%	1.914%
11	8.099	848	853	859	rVB4	3424	5610	0.26%	0.023%
12	8.734	954	961	973	rBV	302301	559518	25.92%	2.322%
13	9.192	1031	1039	1048	rBV	235137	422486	19.57%	1.753%
14	9.639	1110	1115	1124	rVB	6242	8837	0.41%	0.037%
15	9.921	1156	1163	1173	rBV	209484	377522	17.49%	1.567%
16	10.467	1248	1256	1274	rBV	338499	642420	29.76%	2.666%
17	10.849	1313	1321	1333	rBV	383572	695084	32.20%	2.885%
18	10.978	1335	1343	1366	rVB	319288	597237	27.67%	2.479%
19	12.447	1585	1593	1601	rBV4	5929	12604	0.58%	0.052%
20	13.516	1772	1775	1779	rBV4	1885	2672	0.12%	0.011%
21	13.581	1782	1786	1792	rVB5	1556	2524	0.12%	0.010%
22	14.086	1865	1872	1876	rBV	684173	994825	46.08%	4.129%
23	14.133	1876	1880	1888	rVB	230531	342993	15.89%	1.424%
24	14.380	1911	1922	1930	rBV2	791067	1272737	58.96%	5.282%
25	14.592	1953	1958	1964	rBV4	3590	4876	0.23%	0.020%
26	14.686	1967	1974	1989	rVB2	687519	1064362	49.31%	4.417%
27	14.868	1998	2005	2018	rBV	168920	333094	15.43%	1.382%
28	15.103	2039	2045	2049	rVB6	3641	6352	0.29%	0.026%
29	15.273	2070	2074	2077	rVB4	1918	2630	0.12%	0.011%
30	15.491	2104	2111	2114	rBV2	1881	3205	0.15%	0.013%
31	15.538	2114	2119	2123	rVB3	4719	6850	0.32%	0.028%
32	15.679	2136	2143	2156	rBV	1073565	1605869	74.39%	6.665%
33	15.790	2156	2162	2180	rVV	201192	340885	15.79%	1.415%
34	15.919	2180	2184	2189	rVV4	13077	20380	0.94%	0.085%

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Sample : K4116-15
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : JLE7

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	16.372	2253	2261	2264	rBV3	8669	16247	0.75%	0.067%
36	16.466	2273	2277	2281	rVB3	5588	6955	0.32%	0.029%
37	16.677	2309	2313	2318	rVB3	3957	5065	0.23%	0.021%
38	16.865	2342	2345	2348	rBV4	2276	3636	0.17%	0.015%
39	17.200	2398	2402	2404	rBV3	3966	5009	0.23%	0.021%
40	17.224	2404	2406	2416	rVB4	2840	5304	0.25%	0.022%
41	17.435	2436	2442	2452	rVV2	826704	1305980	60.50%	5.420%
42	17.535	2452	2459	2471	rVV2	1091094	1724167	79.87%	7.156%
43	17.623	2471	2474	2477	rVB4	2615	2614	0.12%	0.011%
44	17.935	2524	2527	2535	rBV4	3269	4113	0.19%	0.017%
45	18.223	2571	2576	2577	rBV4	2339	3044	0.14%	0.013%
46	18.334	2589	2595	2603	rBV2	78264	151564	7.02%	0.629%
47	18.405	2605	2607	2608	rVB	3782	2837	0.13%	0.012%
48	18.628	2641	2645	2649	rBV6	5276	8354	0.39%	0.035%
49	19.257	2749	2752	2755	rVB2	8900	9304	0.43%	0.039%
50	19.462	2783	2787	2792	rBV2	19359	31401	1.45%	0.130%
51	19.609	2807	2812	2820	rBV7	15858	33213	1.54%	0.138%
52	19.715	2826	2830	2834	rVB	11160	15550	0.72%	0.065%
53	19.750	2834	2836	2840	rVB4	4026	4644	0.22%	0.019%
54	19.827	2842	2849	2859	rBV	1380969	2092594	96.94%	8.685%
55	20.326	2930	2934	2935	rBV3	6452	6691	0.31%	0.028%
56	20.361	2937	2940	2943	rVB2	22083	25221	1.17%	0.105%
57	20.438	2951	2953	2955	rBV2	3006	2745	0.13%	0.011%
58	20.720	2997	3001	3008	rBV10	12442	27319	1.27%	0.113%
59	20.808	3012	3016	3021	rVV	189155	231138	10.71%	0.959%
60	20.861	3021	3025	3028	rVV2	35780	47480	2.20%	0.197%
61	20.896	3028	3031	3034	rVB4	5135	7024	0.33%	0.029%
62	21.366	3105	3111	3127	rBV2	199206	434486	20.13%	1.803%
63	21.613	3148	3153	3159	rBV	54932	73393	3.40%	0.305%
64	21.718	3164	3171	3187	rVB2	894281	1515629	70.21%	6.290%
65	21.924	3202	3206	3212	rBV	53576	78524	3.64%	0.326%
66	22.553	3307	3313	3320	rBV2	56557	117124	5.43%	0.486%
67	23.258	3422	3433	3440	rBV	65218	148319	6.87%	0.616%
68	23.452	3461	3466	3471	rVB3	29582	56162	2.60%	0.233%
69	23.845	3530	3533	3541	rVB8	13074	27930	1.29%	0.116%
70	24.080	3566	3573	3581	rVB2	67306	148380	6.87%	0.616%
71	24.762	3677	3689	3702	rBV	812996	2158718	100.00%	8.959%

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Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : JLLE7

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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Peak separation: 5

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

72	24.991	3716	3728	3735	rBV2	556337	1600480	74.14%	6.642%
73	26.219	3928	3937	3948	rVB3	50022	154406	7.15%	0.641%
74	27.465	4147	4149	4150	rVB2	5108	2311	0.11%	0.010%
75	27.606	4165	4173	4187	rVB4	30084	105808	4.90%	0.439%
76	28.675	4353	4355	4356	rBV2	4003	2566	0.12%	0.011%
77	30.473	4659	4661	4662	rBV2	4766	2200	0.10%	0.009%

Sum of corrected areas: 24094745

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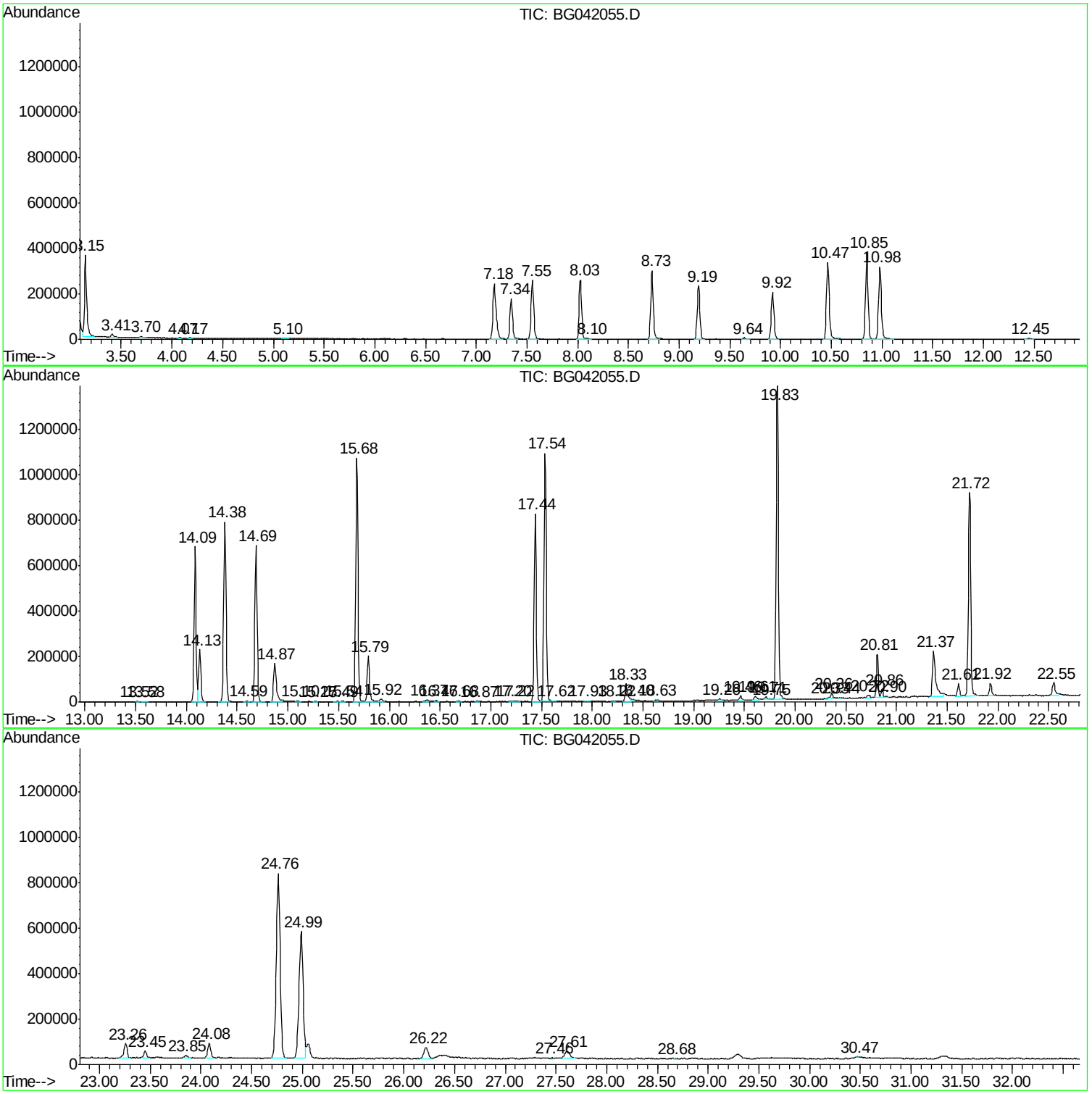
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : JLLE7

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\BG080719\
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Quant Title : SVOA CALIBRATION

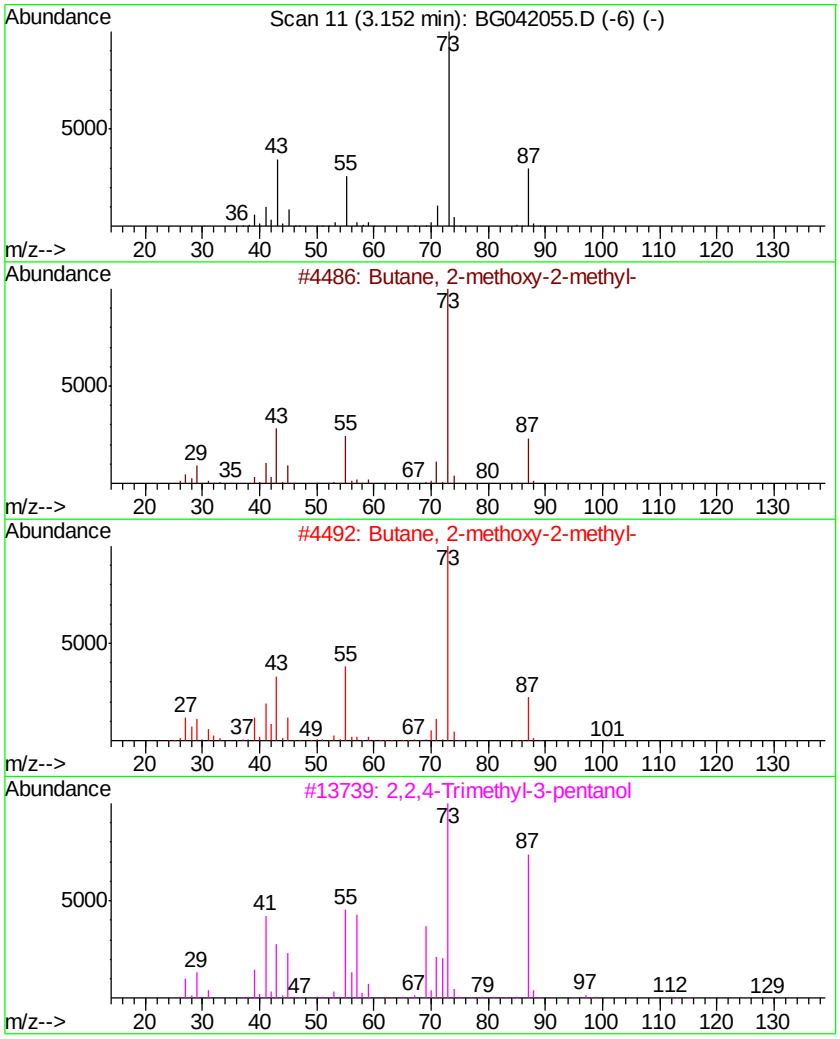
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

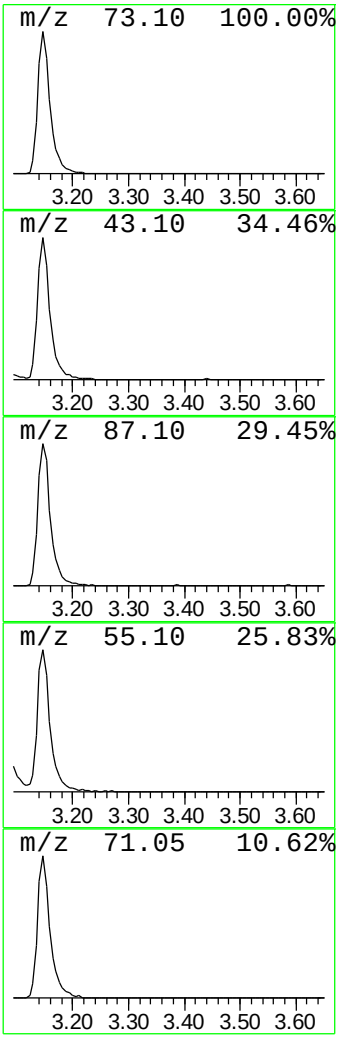
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.15	24.26 ng/ul	559482	1,4-Dichlorobenzene-d4	8.03

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	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	40
4	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	17
5	N-Ethylformamide	73	C3H7NO	000627-45-2	9





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Quant Title : SVOA CALIBRATION

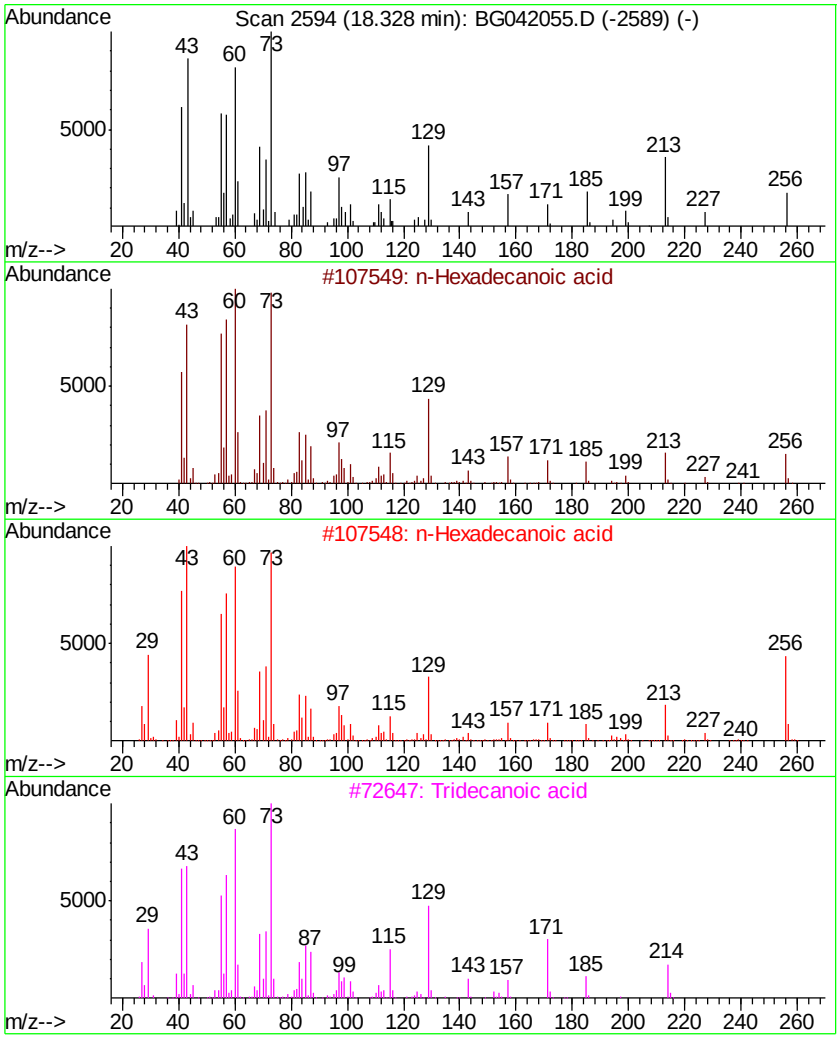
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

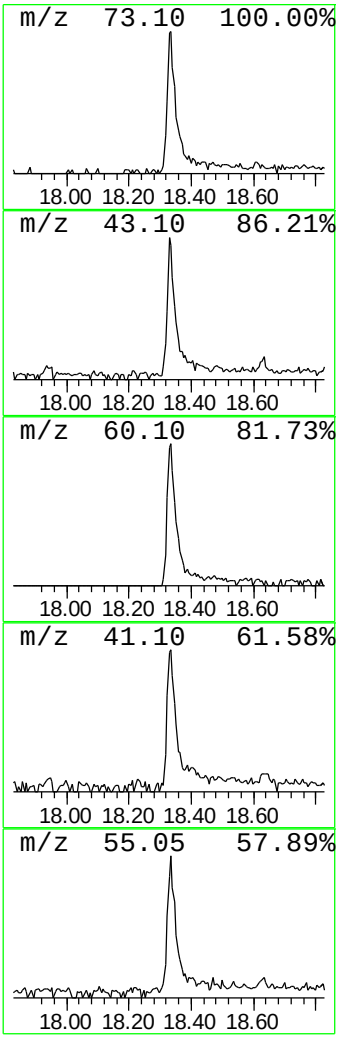
****

Peak Number 2 n-Hexadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.33	2.32 ng/ul	151564	Phenanthrene-d10	17.44

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	96
3	Tridecanoic acid	214	C13H26O2	000638-53-9	91
4	Undecanoic acid	186	C11H22O2	000112-37-8	64
5	Pentadecanoic acid	242	C15H30O2	001002-84-2	62





Library Search Compound Report

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Instrument : BNA_G
ClientSampleId : JLLE7

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

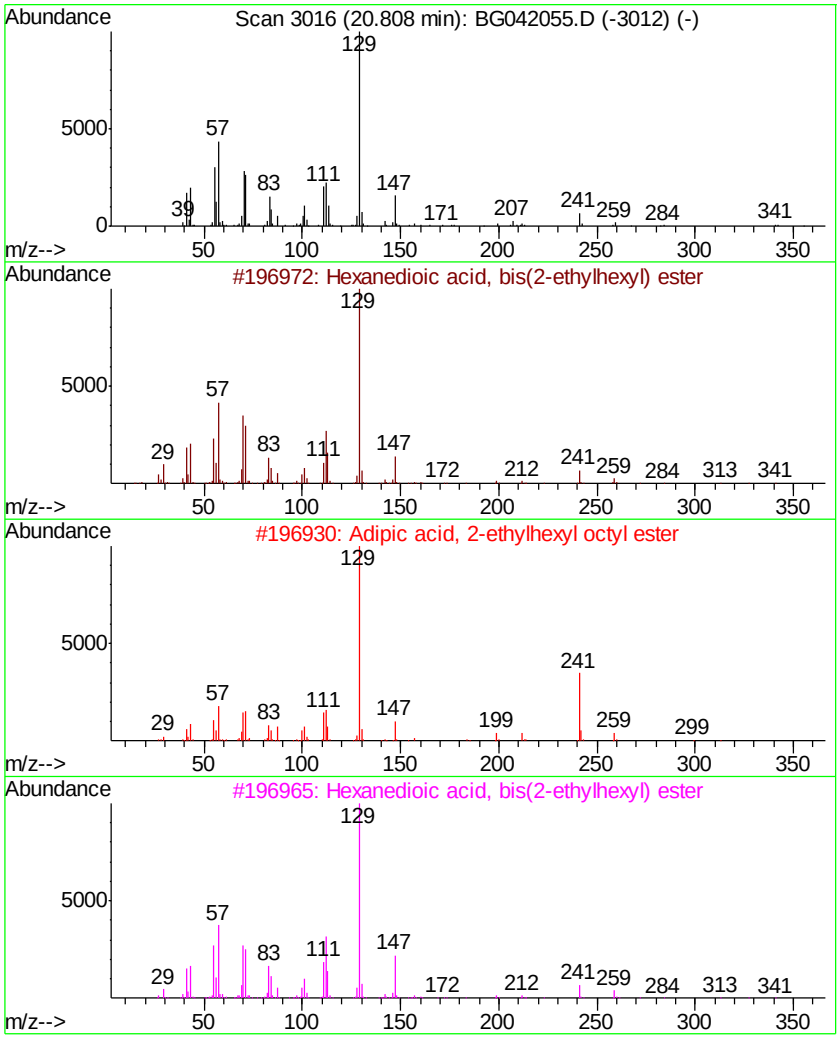
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

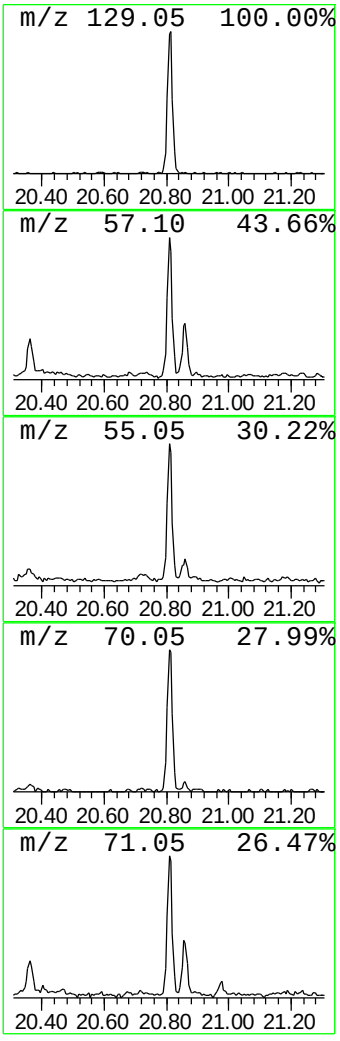
****

Peak Number 3 Hexanedioic acid, bis(2-eth... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.81	3.05 ng/ul	231138	Chrysene-d12	21.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexanedioic acid, bis(2-ethylhex...	370	C22H42O4	000103-23-1	90
2	Adipic acid, 2-ethylhexyl octyl ...	370	C22H42O4	1000324-48-6	90
3	Hexanedioic acid, bis(2-ethylhex...	370	C22H42O4	000103-23-1	80
4	Hexanedioic acid, dioctyl ester	370	C22H42O4	000123-79-5	64
5	Hexanedioic acid, bis(2-ethylhex...	370	C22H42O4	000103-23-1	64





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ClientSampleId : JLLE7

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

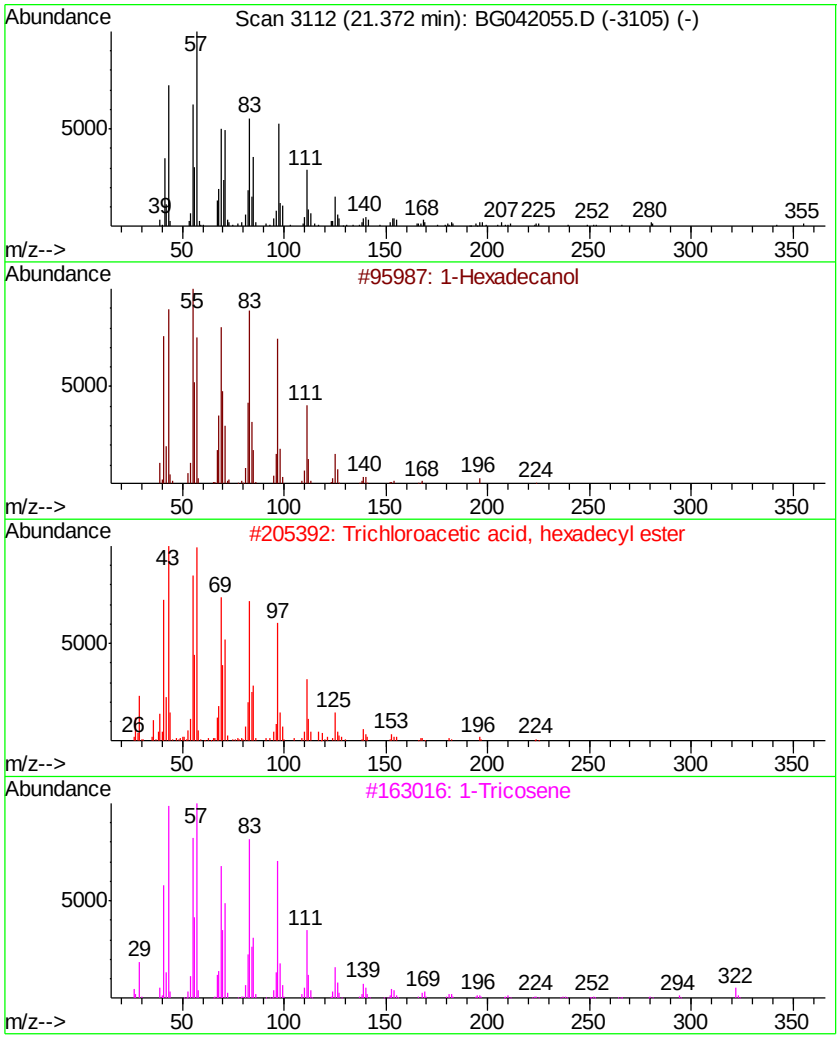
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

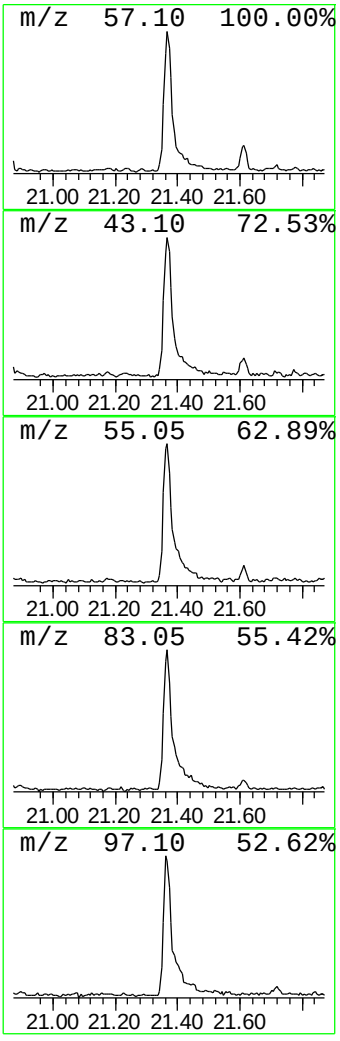
****

Peak Number 4 1-Hexadecanol Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.37	5.73 ng/ul	434486	Chrysene-d12	21.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Hexadecanol	242	C16H34O	036653-82-4	93
2	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	93
3	1-Tricosene	322	C23H46	018835-32-0	91
4	Nonadecyl pentafluoropropionate	430	C22H39F5O2	1000351-88-8	91
5	Docosyl pentafluoropropionate	472	C25H45F5O2	1000351-80-9	90





Tentatively Identified Compound (LSC) summary

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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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Butane, 2-methoxy...	3.15	24.3	ng/ul	559482	1	8.03	461228	20.0
n-Hexadecanoic acid	18.33	2.3	ng/ul	151564	4	17.44	1305980	20.0
Hexanedioic acid,...	20.81	3.0	ng/ul	231138	5	21.72	1515630	20.0
1-Hexadecanol	21.37	5.7	ng/ul	434486	5	21.72	1515630	20.0