LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG100919\
Data File : BG043145.D
Acq On : 10 Oct 2019 19:53
Operator : JU
Sample : K5177-11
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BEPA0

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-BG100919MA.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	3.161	6	12	21	rBV	112872	221011	9.83%	1.056%
2	3.237	21	25	34	rVB	100326	149539	6.65%	0.715%
3	3.501	66	70	76	rVB	11409	18123	0.81%	0.087%
4	4.242	194	196	203	rVB5	3815	6738	0.30%	0.032%
5	6.439	565	570	572	rVB4	1868	2779	0.12%	0.013%
6	6.703	612	615	617	rBV3	2408	3011	0.13%	0.014%
7	7.220	696	703	719	rBV2	186295	447072	19.88%	2.136%
8	7.379	724	730	741	rVB	146727	278988	12.41%	1.333%
9	7.591	759	766	781	rBV	223692	430690	19.15%	2.058%
10	8.055	838	845	853	rBV2	164590	309627	13.77%	1.480%
11	8.125	855	857	861	rVB4	4294	4121	0.18%	0.020%
12	8.337	890	893	896	rBV	1820	2672	0.12%	0.013%
13	8.766	959	966	980	rBV2	210068	463501	20.61%	2.215%
14	9.212	1034	1042	1056	rBV	207766	431771	19.20%	2.063%
15	9.641	1111	1115	1119	rBV3	4539	5147	0.23%	0.025%
16	9.935	1157	1165	1177	rBV	181771	388221	17.26%	1.855%
17	10.481	1250	1258	1271	rBV	266724	576961	25.66%	2.757%
18	10.857	1315	1322	1331	rBV	252085	464770	20.67%	2.221%
19	10.993	1337	1345	1365	rBV	209090	491597	21.86%	2.349%
20	12.450	1590	1593	1598	rVB3	3645	5592	0.25%	0.027%
21	14.077	1863	1870	1874	rBV	687796	1011132	44.96%	4.832%
22	14.124	1874	1878	1888	rVB	239635	386265	17.18%	1.846%
23	14.242	1896	1898	1903	rVB2	2100	2864	0.13%	0.014%
24	14.371	1912	1920	1936	rBV	715717	1216033	54.07%	5.811%
25	14.676	1965	1972	1982	rBV2	451264	750759	33.38%	3.588%
26	14.882	2001	2007	2026	rBV2	91718	330130	14.68%	1.578%
27	15.094	2039	2043	2049	rVB7	9940	18831	0.84%	0.090%
28	15.470	2103	2107	2108	rBV3	3203	3426	0.15%	0.016%
29	15.528	2111	2117	2119	rVB5	3395	4756	0.21%	0.023%
30	15.669	2133	2141	2153	rBV	942208	1555008	69.15%	7.431%
31	15.775	2154	2159	2174	rVV	254096	450348	20.03%	2.152%
32	15.910	2178	2182	2190	rVB3	13110	22700	1.01%	0.108%
33	16.380	2258	2262	2264	rVB4	4902	6299	0.28%	0.030%
34	16.451	2271	2274	2279	rVB4	6560	7188	0.32%	0.034%

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Instrument : BNA_G
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Integrator: RTE
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Sampling : 1 Min Area: 0.1 % of largest Peak
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Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG100919MA.M
Title : SVOA CALIBRATION

35	17.168	2392	2396	2399	rBV3	2931	4782	0.21%	0.023%
36	17.420	2432	2439	2448	rBV2	636866	1005218	44.70%	4.804%
37	17.520	2449	2456	2467	rVV	1039665	1665998	74.08%	7.962%
38	18.307	2585	2590	2595	rBV3	57354	103296	4.59%	0.494%
39	18.660	2646	2650	2652	rBV5	6164	7350	0.33%	0.035%
40	19.224	2743	2746	2753	rBV7	5398	9047	0.40%	0.043%
41	19.441	2778	2783	2788	rBV2	14803	25151	1.12%	0.120%
42	19.688	2822	2825	2830	rBV2	11552	15088	0.67%	0.072%
43	19.800	2838	2844	2859	rBV	1354767	2159764	96.04%	10.321%
44	20.141	2900	2902	2906	rVB4	4911	4201	0.19%	0.020%
45	20.176	2906	2908	2910	rBV3	3330	2886	0.13%	0.014%
46	20.329	2931	2934	2939	rVB6	9326	11691	0.52%	0.056%
47	20.828	3015	3019	3022	rBV4	16453	19233	0.86%	0.092%
48	21.327	3099	3104	3116	rBV	152005	339514	15.10%	1.622%
49	21.692	3159	3166	3180	rVB	648307	1191348	52.98%	5.693%
50	21.880	3194	3198	3202	rVB3	25150	35899	1.60%	0.172%
51	22.485	3298	3301	3307	rBV2	30227	42132	1.87%	0.201%
52	23.178	3416	3419	3429	rVB3	41771	71195	3.17%	0.340%
53	23.366	3448	3451	3453	rBV4	9985	14448	0.64%	0.069%
54	23.989	3551	3557	3563	rVB2	51459	105856	4.71%	0.506%
55	24.688	3664	3676	3688	rBV	777838	2248858	100.00%	10.747%
56	24.912	3703	3714	3730	rVB3	431680	1374958	61.14%	6.571%

Sum of corrected areas: 20925583

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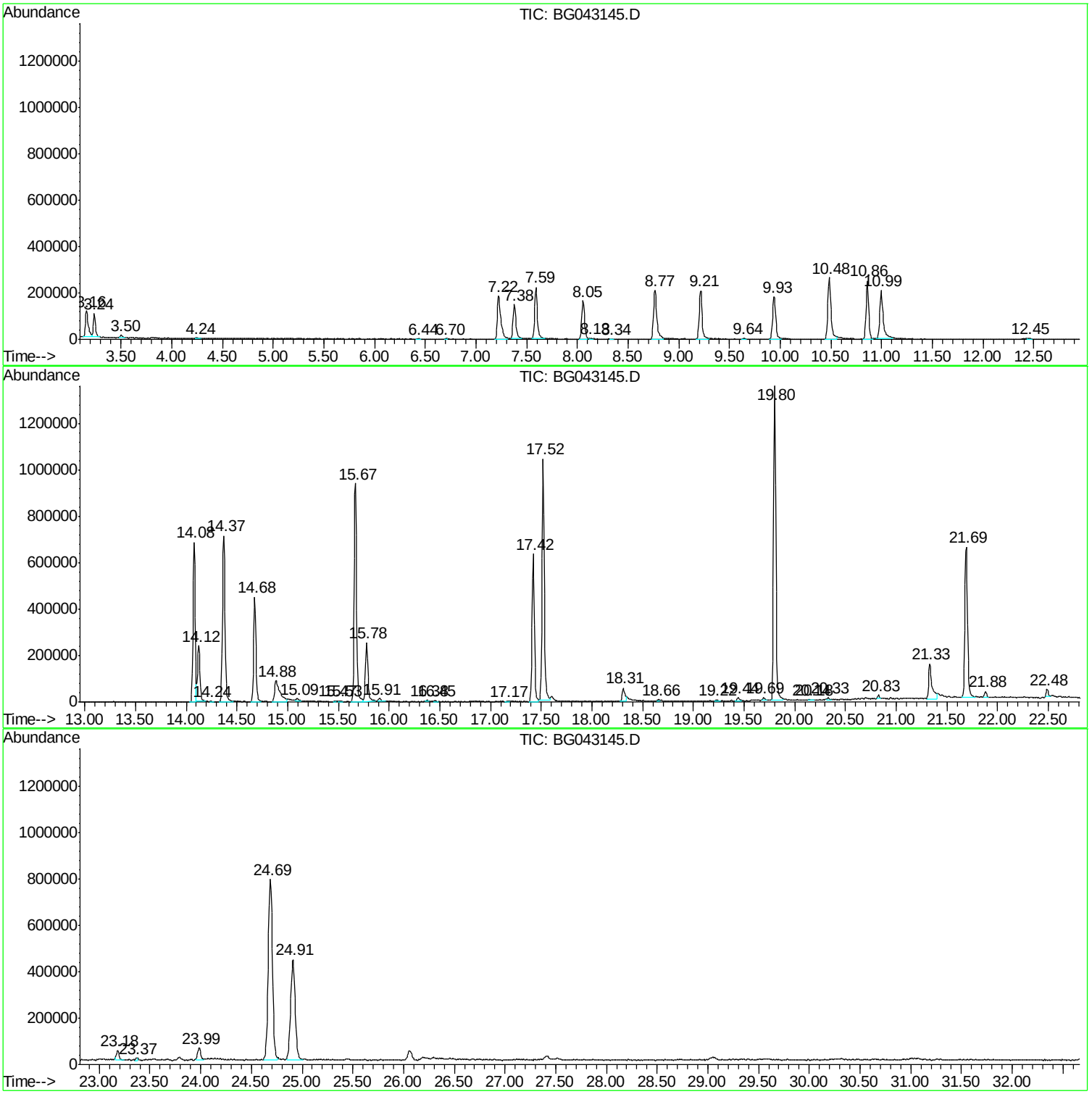
ClientSampleId : BEPA0

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG100919MA.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\BG100919\
Data File : BG043145.D
Acq On : 10 Oct 2019 19:53
Operator : JU
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Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BEPA0

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG100919MA.M
Quant Title : SVOA CALIBRATION

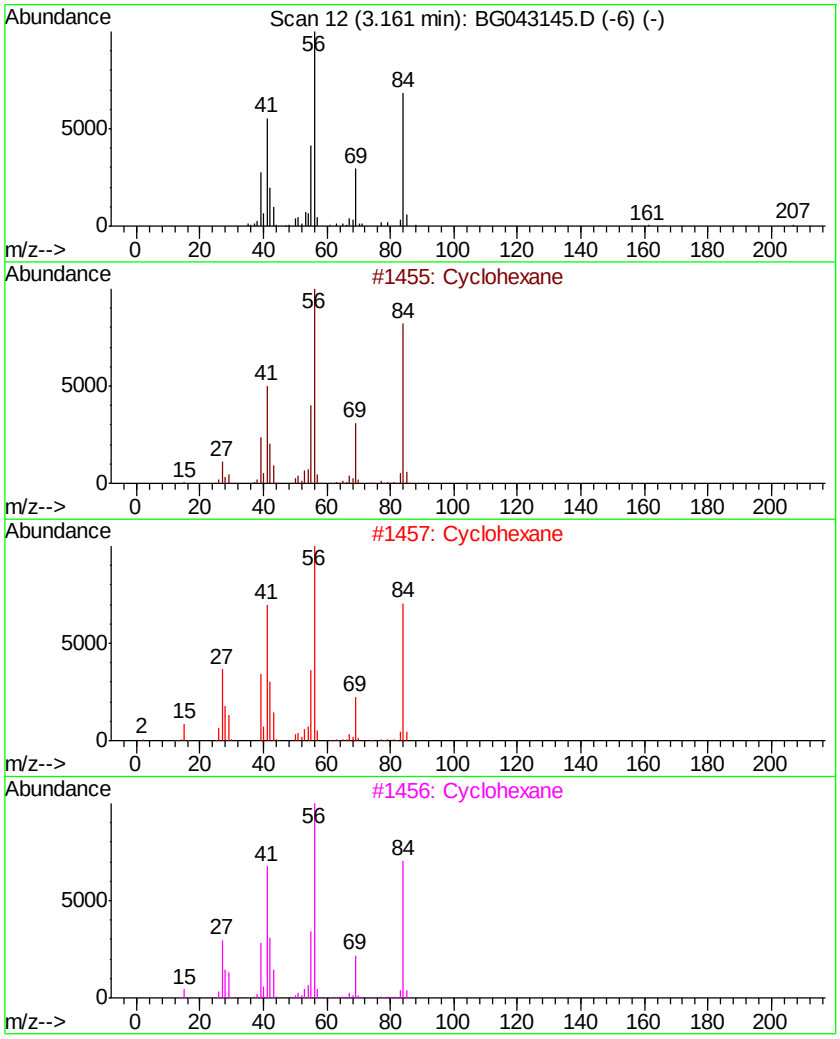
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

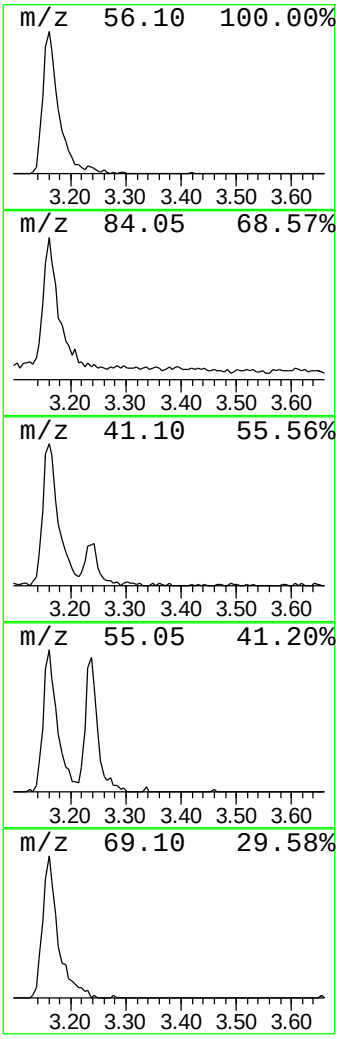
****

Peak Number 1 (DEL) Alkane: Cyclic3.16 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.16	14.28 ng/ul	221011	1,4-Dichlorobenzene-d4	8.05

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane	84	C6H12	000110-82-7	91
2	Cyclohexane	84	C6H12	000110-82-7	90
3	Cyclohexane	84	C6H12	000110-82-7	87
4	Cyclohexane	84	C6H12	000110-82-7	83
5	1-Pentene, 2-methyl-	84	C6H12	000763-29-1	80





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Quant Title : SVOA CALIBRATION

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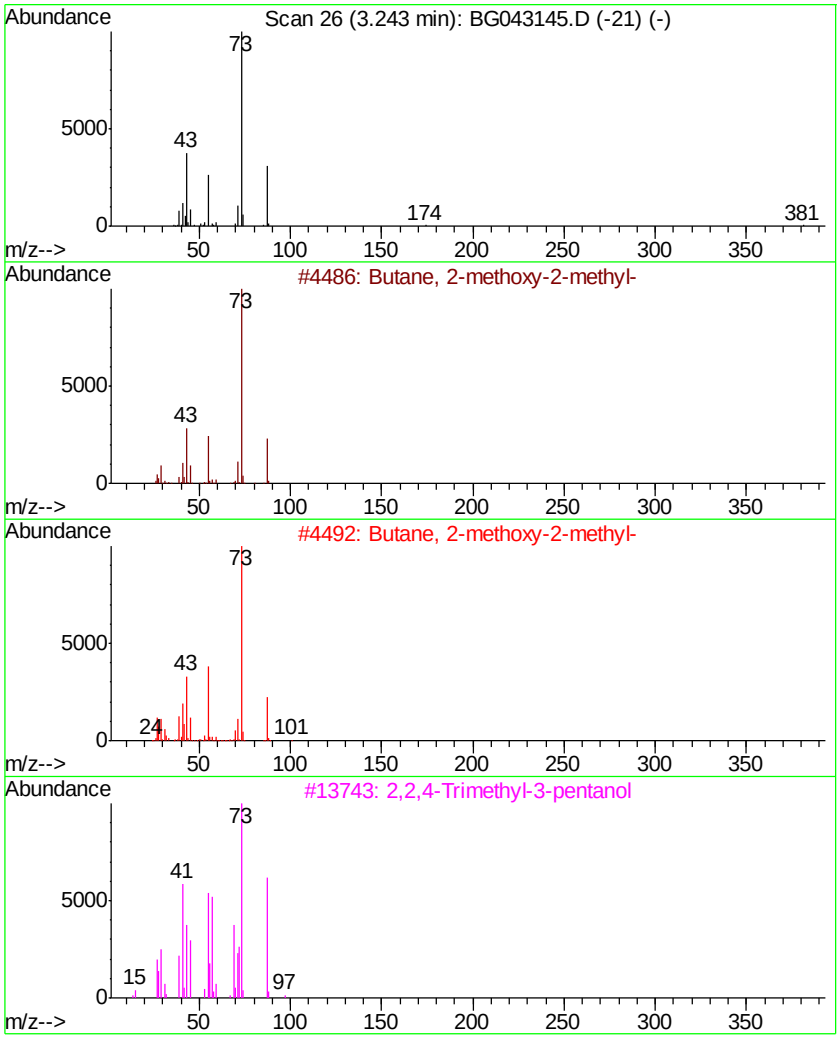
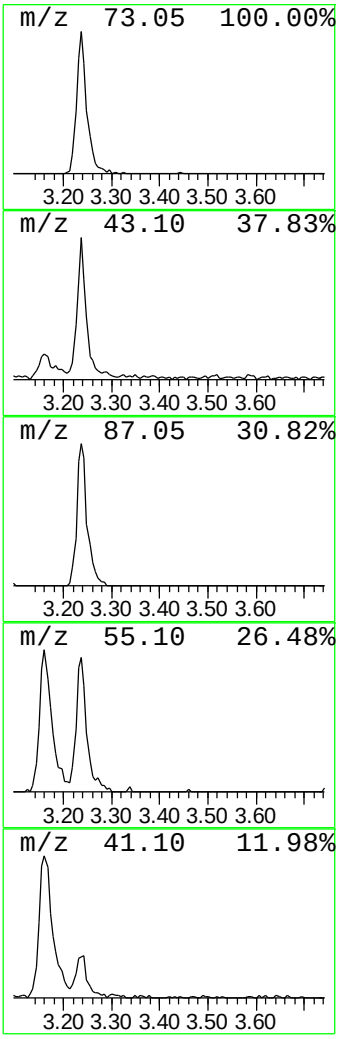
Peak Number 2 Butane, 2-methoxy-2-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.24	9.66 ng/ul	149539	1,4-Dichlorobenzene-d4	8.05

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	50
3	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	39
4	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	39
5	Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	25





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Instrument : BNA_G
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG100919MA.M
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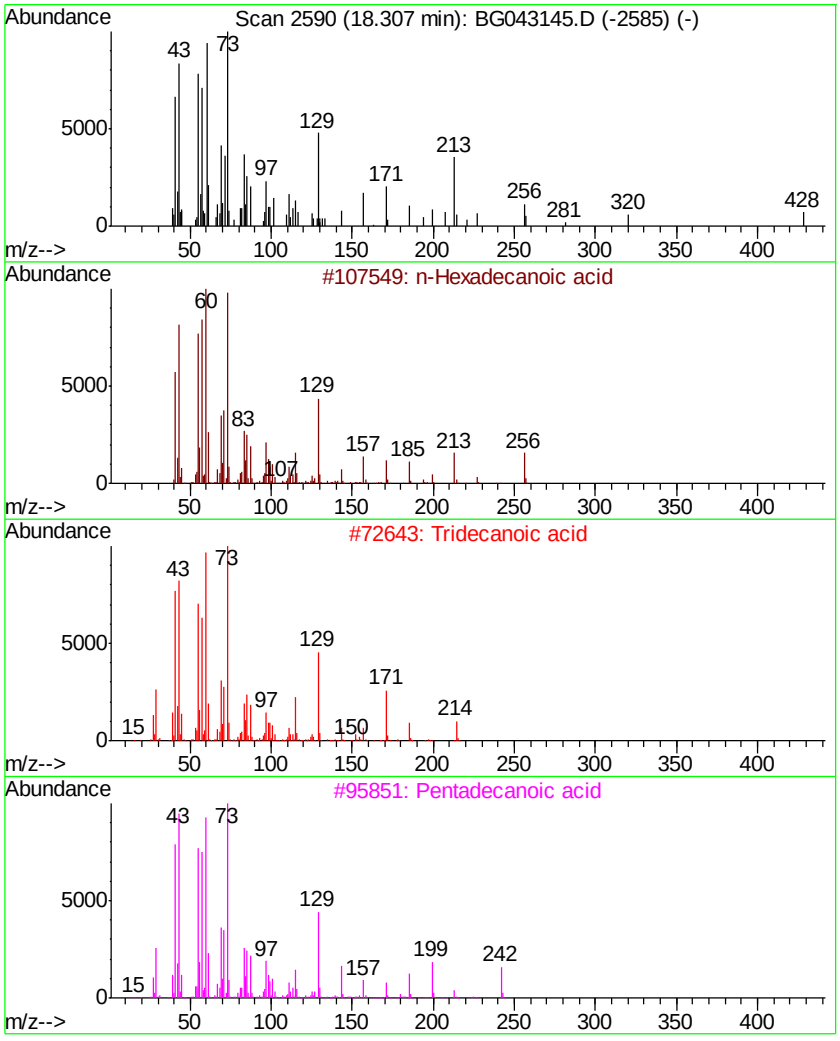
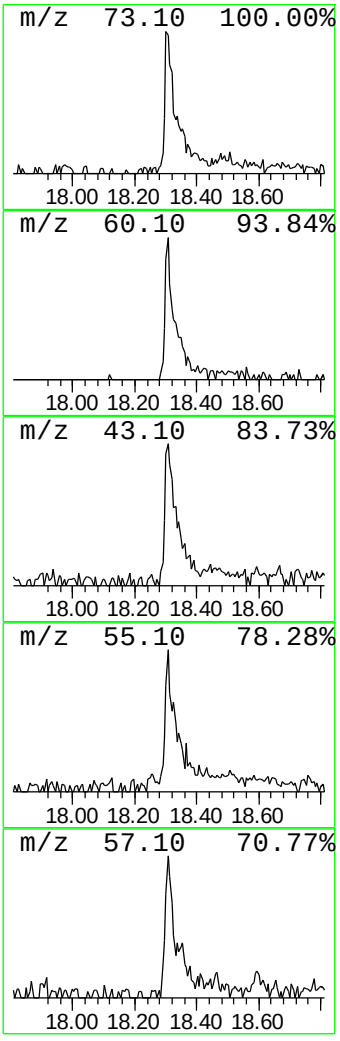
Peak Number 3 n-Hexadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.31	2.06 ng/ul	103296	Phenanthrene-d10	17.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	97
2	Tridecanoic acid	214	C13H26O2	000638-53-9	91
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	81
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	80
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	72





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Quant Title : SVOA CALIBRATION

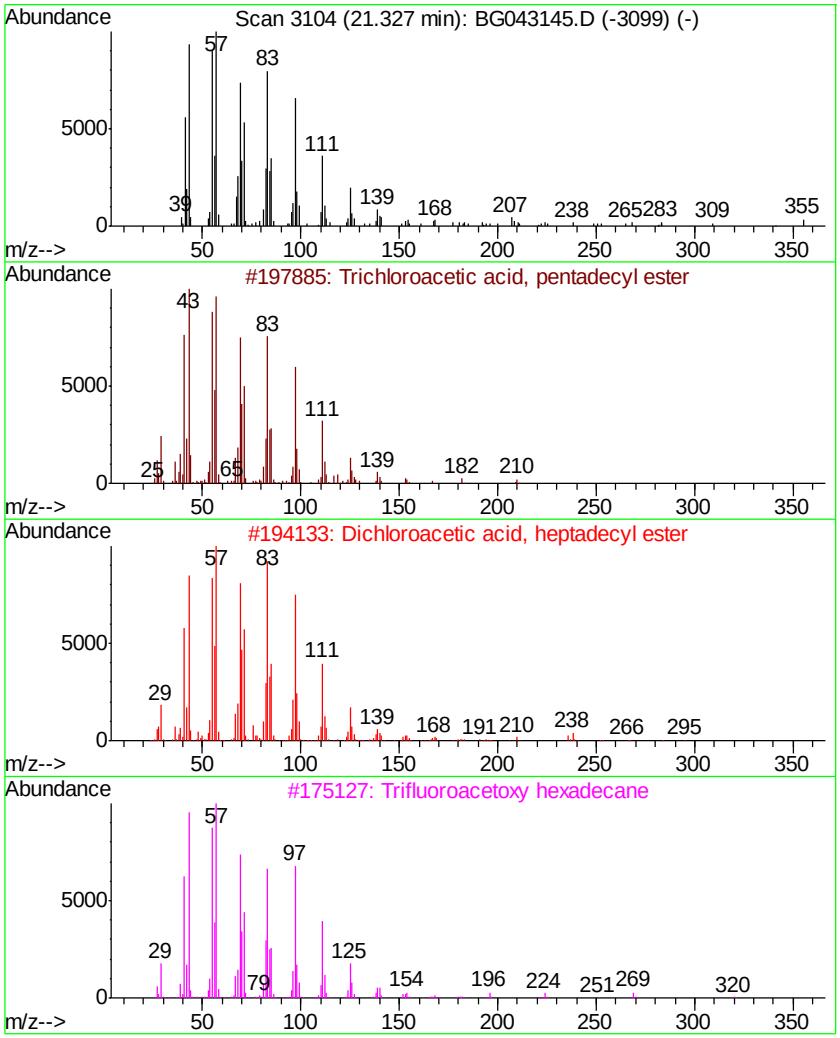
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

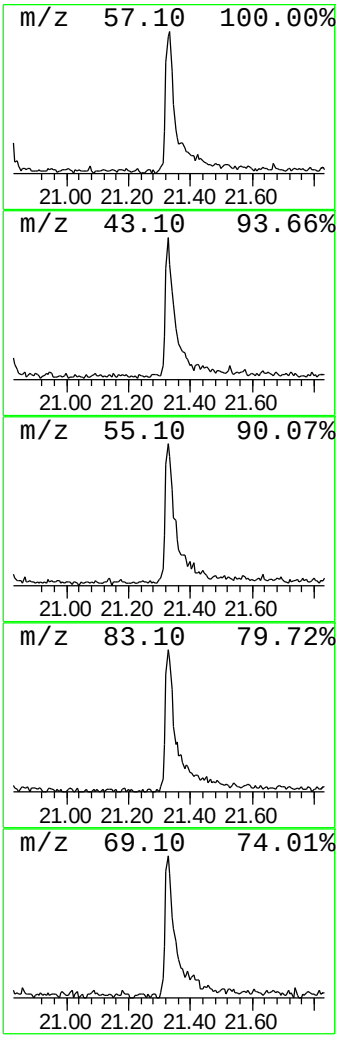
****

Peak Number 4 Trichloroacetic acid, penta... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.33	5.70 ng/ul	339514	Chrysene-d12	21.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Trichloroacetic acid, pentadecyl...	372	C17H31Cl3O2	074339-53-0	94
2	Dichloroacetic acid, heptadecyl ...	366	C19H36Cl2O2	1000282-98-2	94
3	Trifluoroacetoxy hexadecane	338	C18H33F3O2	006222-03-3	94
4	n-Nonadecanol-1	284	C19H40O	001454-84-8	93
5	Pentafluoropropionic acid, penta...	374	C18H31F5O2	959092-08-1	91





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
(DEL) Alkane: Cyc...	3.16	14.3	ng/ul	221011	1	8.05	309627	20.0
Butane, 2-methoxy...	3.24	9.7	ng/ul	149539	1	8.05	309627	20.0
n-Hexadecanoic acid	18.31	2.1	ng/ul	103296	4	17.42	1005220	20.0
Trichloroacetic a...	21.33	5.7	ng/ul	339514	5	21.69	1191350	20.0