LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG101720\
Data File : BG046956.D
Acq On : 18 Oct 2020 1:44
Operator : CG/JU
Sample : L4201-16
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AJ8

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-BG101520MA.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	3.419	12	14	16	rBV3	3263	3040	0.10%	0.011%
2	3.478	20	24	30	rVV	16088	24634	0.84%	0.092%
3	3.754	68	71	73	rBV3	2828	3115	0.11%	0.012%
4	4.459	185	191	195	rVB5	4046	6988	0.24%	0.026%
5	4.871	258	261	266	rVB3	4586	6191	0.21%	0.023%
6	5.241	322	324	328	rVB3	2698	3161	0.11%	0.012%
7	7.092	637	639	644	rVB3	2591	3945	0.14%	0.015%
8	7.221	653	661	671	rBV	388438	670314	22.94%	2.506%
9	7.391	683	690	698	rBV	272364	451336	15.45%	1.688%
10	7.597	715	725	732	rBV	367417	634063	21.70%	2.371%
11	7.656	732	735	740	rVB2	9906	14511	0.50%	0.054%
12	8.067	798	805	812	rBV	187458	314234	10.76%	1.175%
13	8.126	812	815	818	rVB3	2517	3233	0.11%	0.012%
14	8.766	916	924	935	rVV	469443	825410	28.25%	3.086%
15	8.936	948	953	960	rVB4	9867	18389	0.63%	0.069%
16	9.230	995	1003	1013	rBV	390641	684272	23.42%	2.559%
17	9.389	1026	1030	1034	rVB3	3782	4794	0.16%	0.018%
18	9.536	1051	1055	1056	rBV3	4909	5710	0.20%	0.021%
19	9.647	1068	1074	1078	rBV3	2450	3744	0.13%	0.014%
20	9.953	1116	1126	1134	rBV	361599	626770	21.45%	2.344%
21	10.493	1210	1218	1225	rBV	538056	948658	32.47%	3.547%
22	10.881	1276	1284	1294	rBV	266976	474136	16.23%	1.773%
23	11.005	1296	1305	1317	rBV	458979	849012	29.06%	3.175%
24	12.456	1546	1552	1557	rBV4	9715	14053	0.48%	0.053%
25	13.519	1732	1733	1739	rVB4	2722	3524	0.12%	0.013%
26	13.584	1739	1744	1748	rBV3	9965	15891	0.54%	0.059%
27	14.095	1821	1831	1836	rBV	1074940	1529412	52.35%	5.719%
28	14.142	1836	1839	1847	rVB	198479	263495	9.02%	0.985%
29	14.395	1873	1882	1891	rVB	1147417	1743582	59.68%	6.520%
30	14.583	1912	1914	1918	rVB3	4592	4857	0.17%	0.018%
31	14.694	1927	1933	1941	rVB	452447	718034	24.58%	2.685%
32	14.882	1957	1965	1978	rBV	435040	721448	24.69%	2.698%
33	15.035	1988	1991	1995	rVB4	2912	4374	0.15%	0.016%
34	15.482	2064	2067	2070	rBV3	3040	4135	0.14%	0.015%

LSC Area Percent Report

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Sample : L4201-16
Misc :
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Instrument : BNA_G
ClientSampleId : C0AJ8

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-BG101520MA.M
Title : SVOA CALIBRATION

35	15.687	2095	2102	2110	rBV	1480659	2211531	75.70%	8.269%
36	15.799	2113	2121	2131	rBV	532932	781453	26.75%	2.922%
37	15.928	2137	2143	2150	rVB2	19742	31106	1.06%	0.116%
38	16.469	2231	2235	2240	rVB4	7803	11125	0.38%	0.042%
39	16.674	2268	2270	2275	rVB3	2960	3695	0.13%	0.014%
40	17.121	2343	2346	2348	rBV2	2940	3209	0.11%	0.012%
41	17.227	2363	2364	2369	rVB3	4043	4952	0.17%	0.019%
42	17.438	2394	2400	2411	rBV	605687	927173	31.74%	3.467%
43	17.538	2411	2417	2426	rVV	1483892	2284770	78.21%	8.543%
44	18.320	2545	2550	2555	rBV3	124571	182085	6.23%	0.681%
45	18.478	2572	2577	2580	rBV5	3766	6721	0.23%	0.025%
46	18.531	2582	2586	2589	rVB6	4537	6446	0.22%	0.024%
47	18.619	2597	2601	2605	rVB6	3051	3828	0.13%	0.014%
48	18.660	2605	2608	2612	rBV3	6105	10358	0.35%	0.039%
49	18.813	2631	2634	2635	rBV3	3971	3114	0.11%	0.012%
50	18.942	2651	2656	2657	rBV4	4039	3738	0.13%	0.014%
51	19.060	2674	2676	2678	rBV3	3219	2988	0.10%	0.011%
52	19.218	2698	2703	2712	rBV9	27900	50456	1.73%	0.189%
53	19.365	2726	2728	2730	rBV3	5988	5562	0.19%	0.021%
54	19.459	2737	2744	2747	rBV2	26909	56603	1.94%	0.212%
55	19.589	2762	2766	2771	rBV6	21476	31936	1.09%	0.119%
56	19.706	2781	2786	2791	rBV	20235	34578	1.18%	0.129%
57	19.824	2799	2806	2814	rBV	2060304	2921499	100.00%	10.924%
58	20.311	2887	2889	2892	rBV4	9949	12083	0.41%	0.045%
59	20.629	2941	2943	2946	rBV4	6239	5855	0.20%	0.022%
60	20.723	2954	2959	2965	rVB5	30124	43624	1.49%	0.163%
61	20.952	2996	2998	3001	rBV4	6677	5826	0.20%	0.022%
62	21.340	3060	3064	3075	rBV	221328	371471	12.72%	1.389%
63	21.710	3120	3127	3134	rBV	582522	964323	33.01%	3.606%
64	21.945	3157	3167	3168	rBV9	56915	132147	4.52%	0.494%
65	22.515	3259	3264	3265	rBV4	22128	31371	1.07%	0.117%
66	22.814	3313	3315	3316	rBV2	8214	5558	0.19%	0.021%
67	23.208	3379	3382	3388	rVB7	25355	41353	1.42%	0.155%
68	23.625	3451	3453	3454	rBV2	7896	7524	0.26%	0.028%
69	23.819	3480	3486	3493	rBV2	19243	45412	1.55%	0.170%
70	24.019	3515	3520	3525	rVB4	27359	52538	1.80%	0.196%
71	24.730	3630	3641	3653	rVB	951620	2566880	87.86%	9.598%

LSC Area Percent Report

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Instrument : BNA_G
ClientSampleId : C0AJ8

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-BG101520MA.M
Title : SVOA CALIBRATION

72	24.947	3668	3678	3691	rVB2	340457	1018807	34.87%	3.809%
73	25.247	3727	3729	3732	rBV4	7313	6407	0.22%	0.024%
74	25.746	3812	3814	3815	rBV2	7992	4486	0.15%	0.017%
75	26.116	3869	3877	3886	rVB5	53805	154903	5.30%	0.579%
76	27.491	4104	4111	4119	rVB5	25656	77908	2.67%	0.291%
77	28.220	4233	4235	4238	rBV4	6948	9248	0.32%	0.035%
78	31.792	4841	4843	4844	rBV2	6855	4799	0.16%	0.018%

Sum of corrected areas: 26743914

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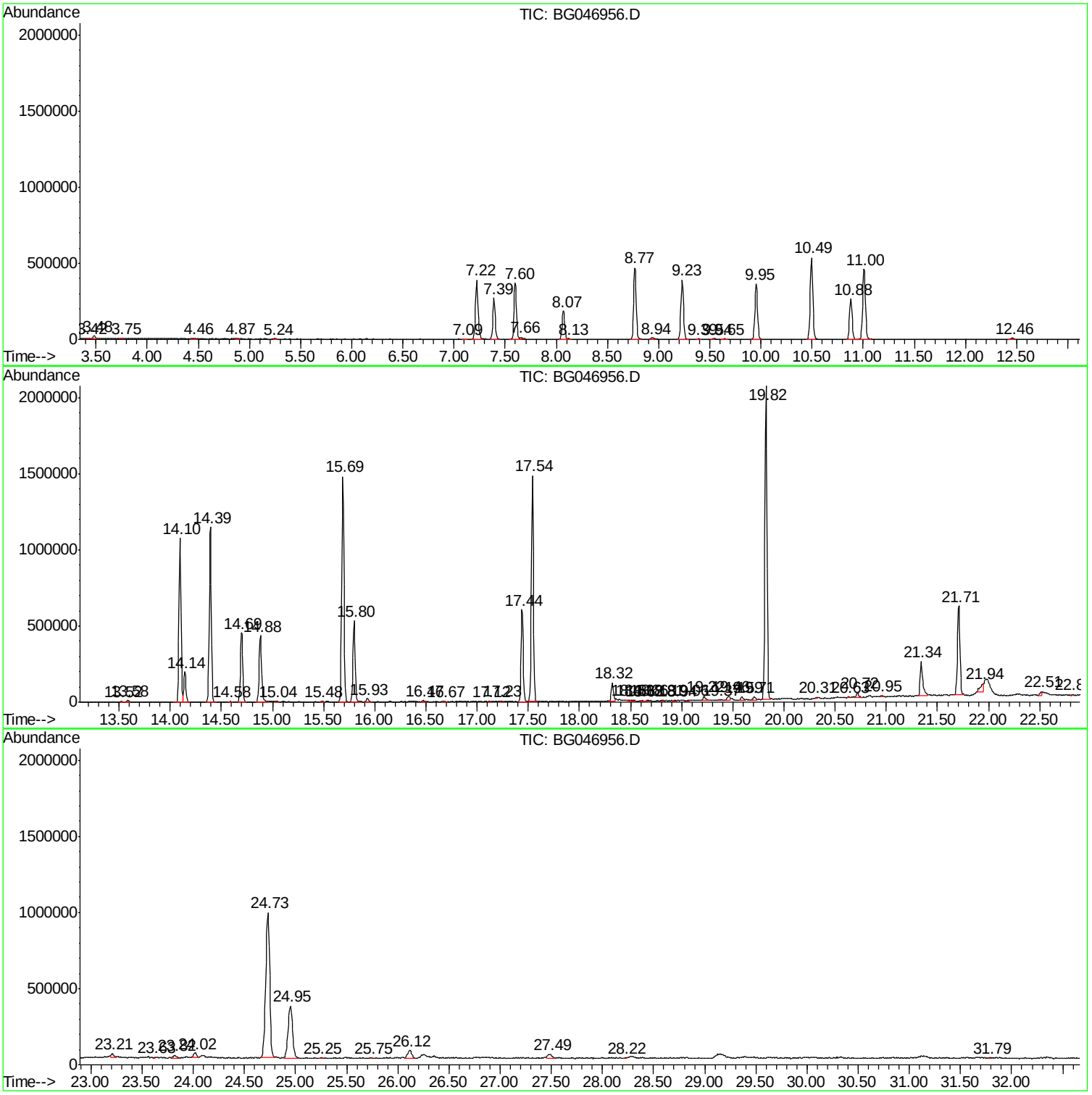
Instrument : BNA_G
ClientSampleId : C0AJ8

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG101520MA.M
Quant Title : SVOA CALIBRATION

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



Library Search Compound Report

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Quant Title : SVOA CALIBRATION

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

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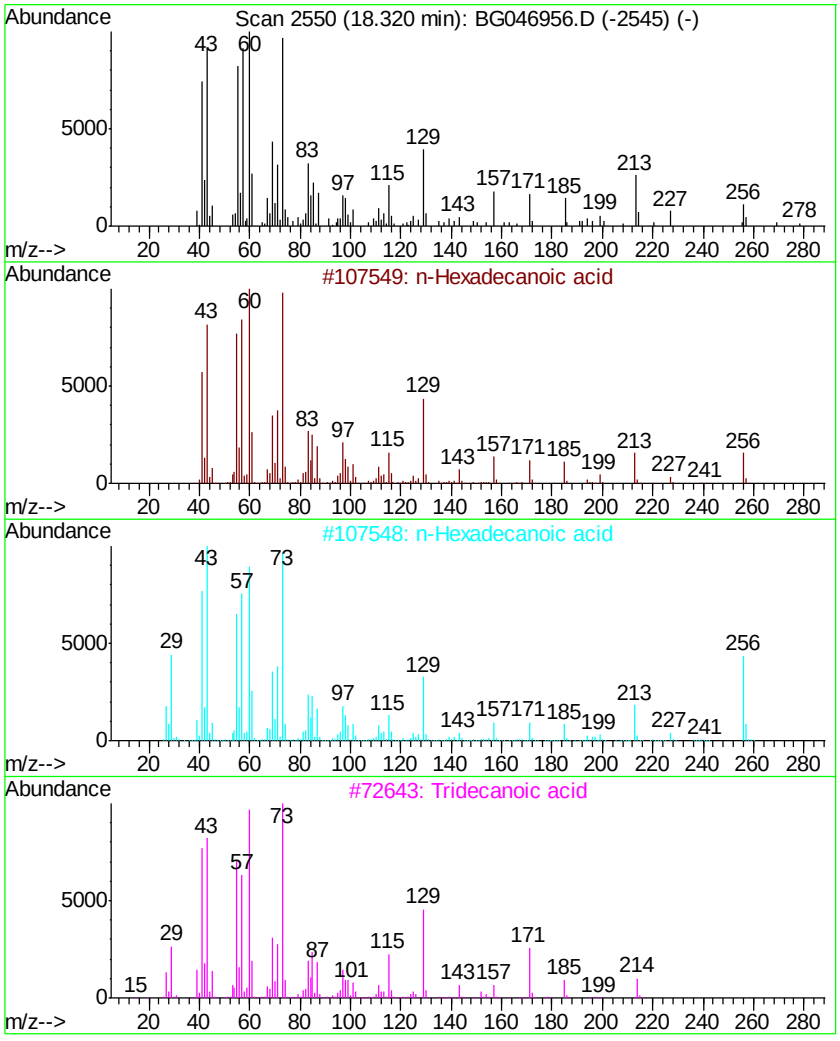
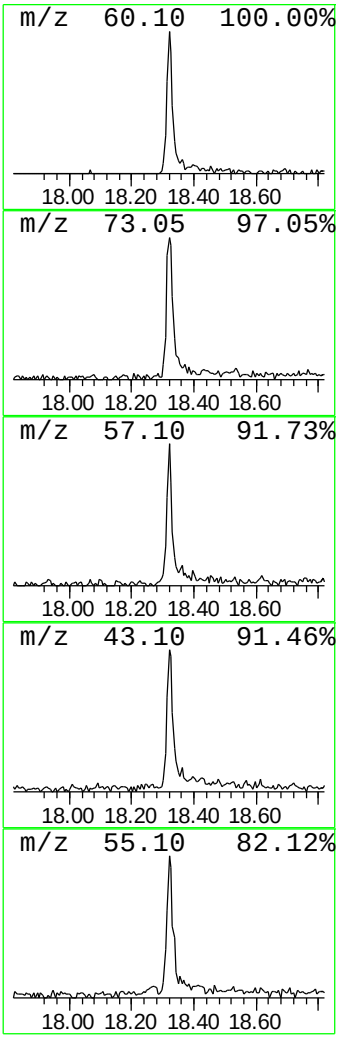
Peak Number 1 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.32	3.93 ng/ul	182085	Phenanthrene-d10	17.44

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	93
3	Tridecanoic acid	214	C13H26O2	000638-53-9	93
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	74
5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	64





Library Search Compound Report

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Instrument : BNA_G
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG101520MA.M
Quant Title : SVOA CALIBRATION

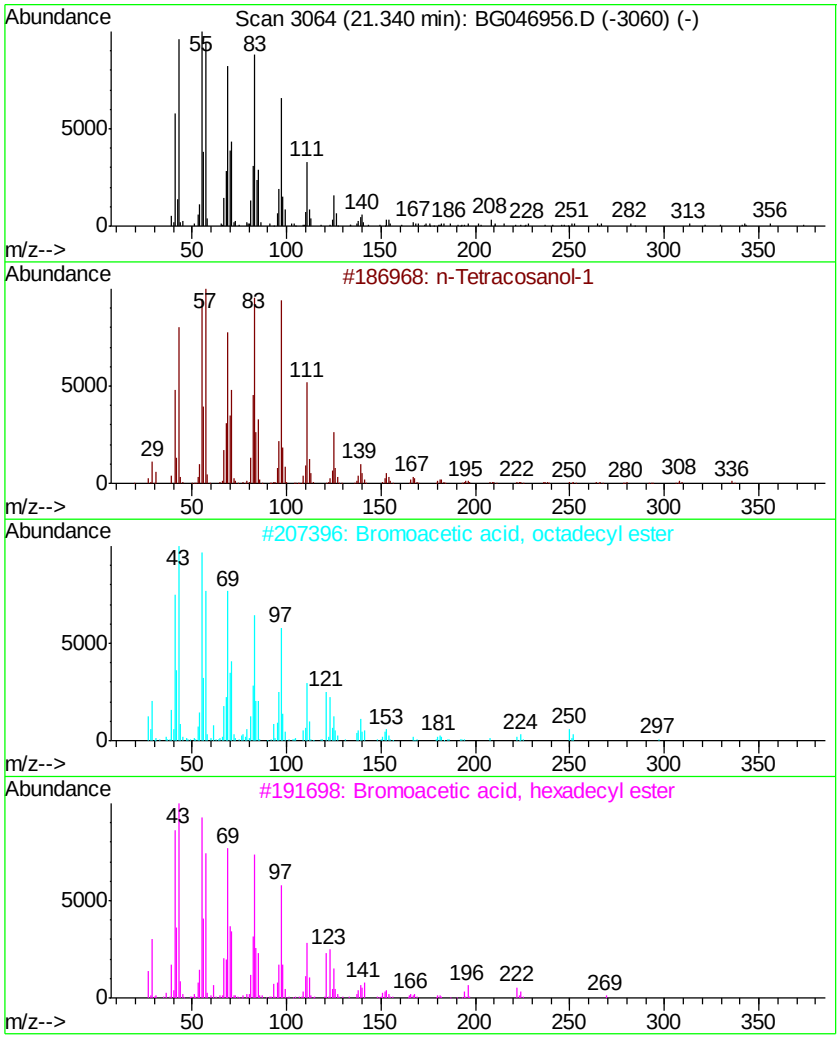
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

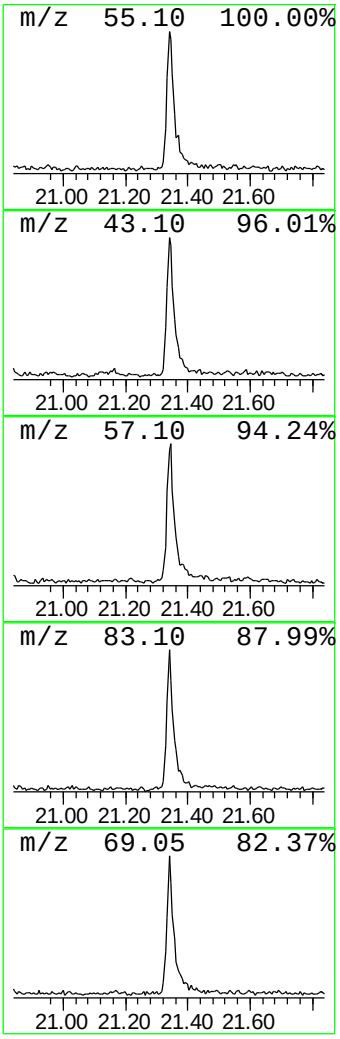
****

Peak Number 2 n-Tetracosanol-1 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.34	7.70 ng/ul	371471	Chrysene-d12	21.71

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Tetracosanol-1	354	C24H50O	000506-51-4	94
2	Bromoacetic acid, octadecyl ester	390	C20H39BrO2	018992-03-5	91
3	Bromoacetic acid, hexadecyl ester	362	C18H35BrO2	005454-48-8	91
4	1-Heptacosanol	396	C27H56O	002004-39-9	91
5	Behenic alcohol	326	C22H46O	000661-19-8	91





Library Search Compound Report

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG101520MA.M
Quant Title : SVOA CALIBRATION

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

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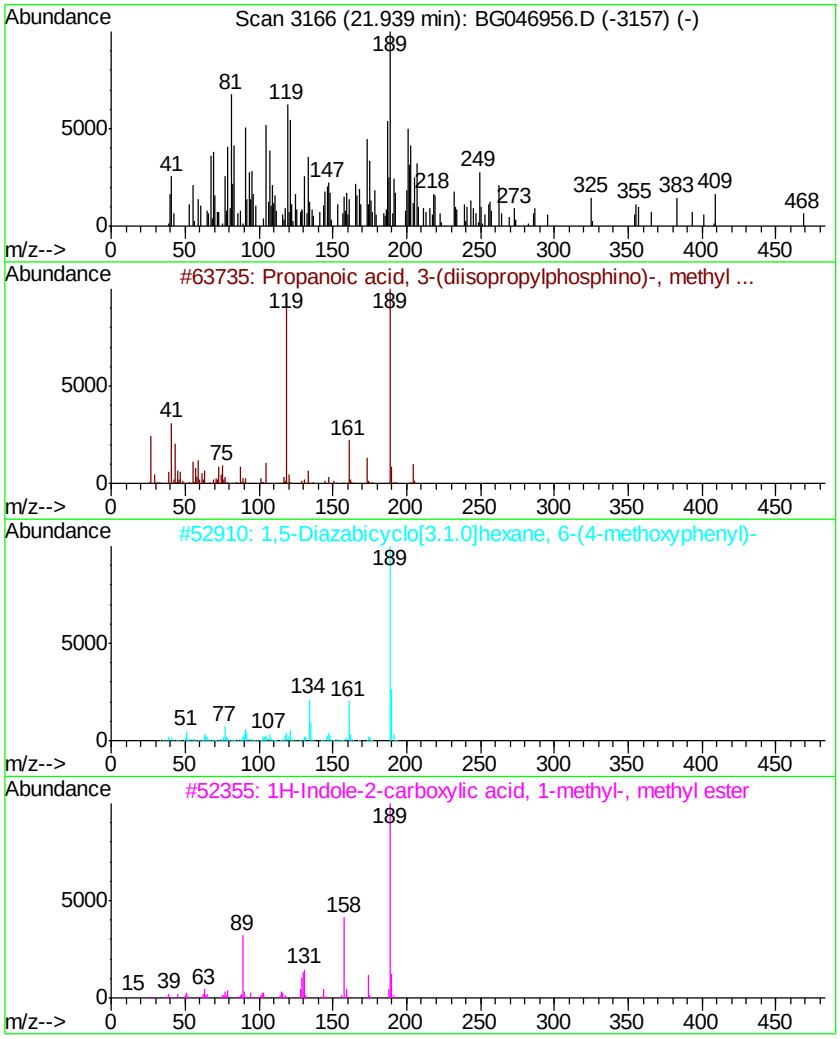
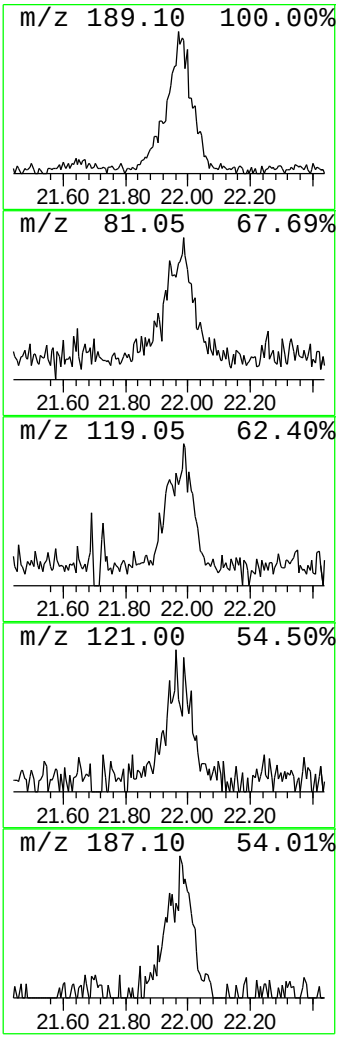
Peak Number 3 unknown-01 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.94	2.74 ng/ul	132147	Chrysene-d12	21.71

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propanoic acid, 3-(diisopropylph...	204	C10H21O2P	162608-94-8	22
2	1,5-Diazabicyclo[3.1.0]hexane, 6...	190	C11H14N2O	1000337-54-5	11
3	1H-Indole-2-carboxylic acid, 1-m...	189	C11H11NO2	037493-34-8	10
4	L-Tartaric acid, 2,3-O-octyliden...	288	C14H24O6	1000155-77-3	10
5	2-(4-Fluorophenoxy)nicotinic acid	233	C12H8FNO3	054629-13-9	10





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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG101520MA.M
Quant Title : SVOA CALIBRATION

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

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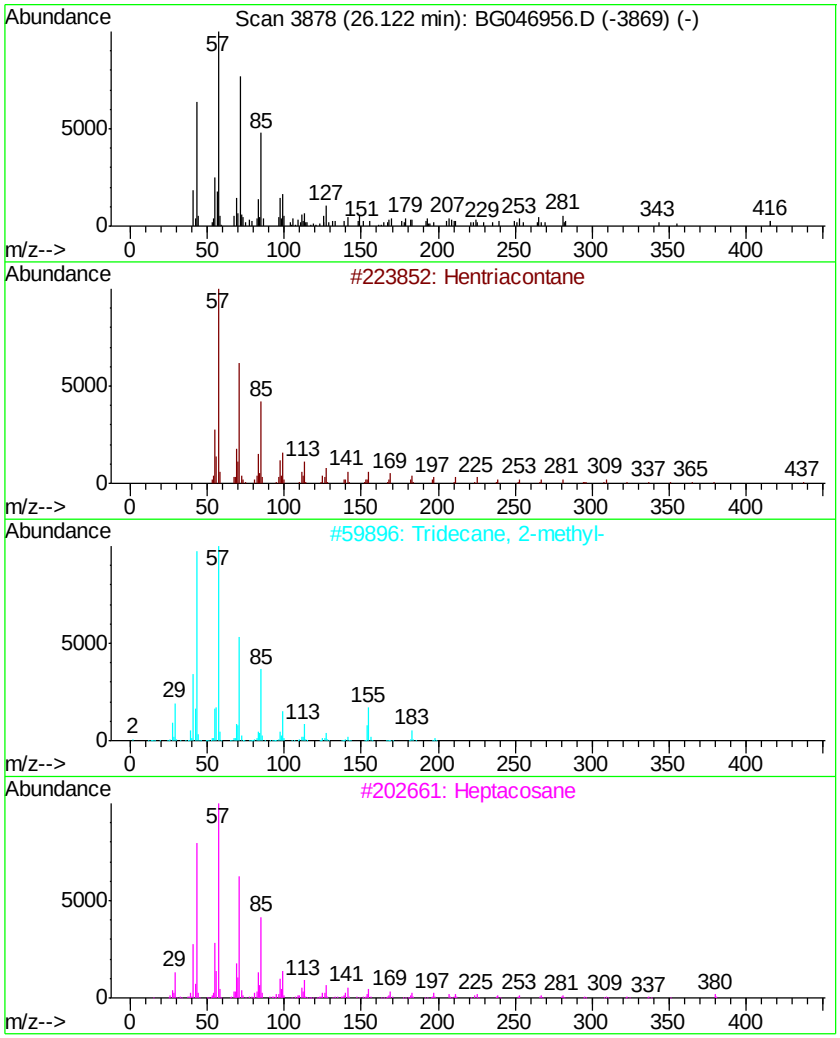
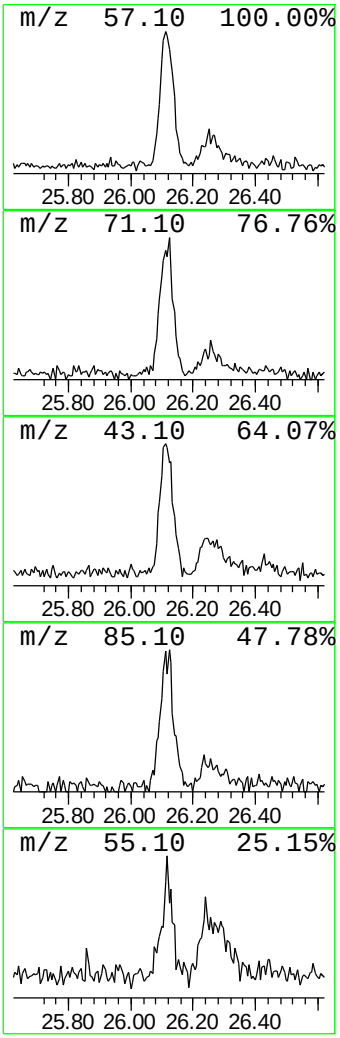
Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
26.12	3.04 ng/ul	154903	Perylene-d12	24.95

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hentriacontane	437	C31H64	000630-04-6	76
2	Tridecane, 2-methyl-	198	C14H30	001560-96-9	72
3	Heptacosane	380	C27H56	000593-49-7	68
4	Docosane, 11-butyl-	366	C26H54	013475-76-8	68
5	Tetracosane, 11-decyl-	479	C34H70	055429-84-0	68





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
n-Hexadecanoic acid	18.32	3.9	ng/ul	182085	4	17.44	927173	20.0
n-Tetracosanol-1	21.34	7.7	ng/ul	371471	5	21.71	964323	20.0
unknown-01	21.94	2.7	ng/ul	132147	5	21.71	964323	20.0
(DEL) Alkane: Str...	26.12	3.0	ng/ul	154903	6	24.95	1018810	20.0