LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG101720\
Data File : BG046943.D
Acq On : 17 Oct 2020 15:36
Operator : CG/JU
Sample : L4259-10
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C5CG4

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	3.456	18	20	22	rBV3	2589	2822	0.12%	0.014%
2	3.485	23	25	28	rVB3	4392	3540	0.15%	0.017%
3	3.762	69	72	75	rBV3	2475	3600	0.15%	0.018%
4	4.232	149	152	156	rBV6	2729	4699	0.20%	0.023%
5	5.042	286	290	292	rBV3	2344	3494	0.15%	0.017%
6	5.166	306	311	313	rBV3	4019	5144	0.22%	0.025%
7	5.201	315	317	320	rBV3	1785	2427	0.10%	0.012%
8	5.724	401	406	412	rVV	7493	11280	0.49%	0.055%
9	7.222	654	661	672	rVV2	72574	141655	6.09%	0.696%
10	7.393	679	690	698	rBV	195339	318781	13.71%	1.567%
11	7.598	719	725	735	rVB	226195	401729	17.27%	1.975%
12	8.074	797	806	815	rBV	242733	418573	18.00%	2.058%
13	8.767	918	924	934	rBV	200911	344825	14.83%	1.695%
14	8.867	938	941	945	rVB3	2195	2343	0.10%	0.012%
15	9.232	996	1003	1010	rVB	270036	467940	20.12%	2.301%
16	9.954	1117	1126	1135	rBV	243851	429805	18.48%	2.113%
17	10.495	1210	1218	1227	rBV	360352	651339	28.01%	3.203%
18	10.648	1240	1244	1247	rBV2	1861	3067	0.13%	0.015%
19	10.883	1276	1284	1294	rBV	342141	610767	26.26%	3.003%
20	11.012	1299	1306	1313	rBV2	27817	51800	2.23%	0.255%
21	12.393	1535	1541	1548	rBV4	5411	9105	0.39%	0.045%
22	12.457	1548	1552	1553	rBV3	4302	5478	0.24%	0.027%
23	14.097	1825	1831	1837	rBV	776679	1138598	48.96%	5.598%
24	14.144	1837	1839	1844	rVB	27998	31942	1.37%	0.157%
25	14.208	1847	1850	1852	rBV	2080	2598	0.11%	0.013%
26	14.396	1874	1882	1889	rBV	807717	1248350	53.68%	6.138%
27	14.596	1912	1916	1918	rVB2	2574	3127	0.13%	0.015%
28	14.702	1922	1934	1941	rBV2	622237	951984	40.93%	4.681%
29	14.884	1959	1965	1975	rBV2	86142	157205	6.76%	0.773%
30	15.048	1989	1993	1994	rBV2	1925	2425	0.10%	0.012%
31	15.230	2022	2024	2025	rBV	4327	3294	0.14%	0.016%
32	15.248	2025	2027	2028	rVB2	3453	2453	0.11%	0.012%
33	15.325	2037	2040	2049	rVB3	5663	8033	0.35%	0.039%
34	15.689	2095	2102	2109	rBV	1073875	1634729	70.29%	8.038%

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Instrument : BNA_G
ClientSampleId : C5CG4

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Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0.1 % of largest Peak
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Peak separation: 5

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

35	15.800	2114	2121	2129	rBV	414127	615209	26.45%	3.025%
36	15.924	2138	2142	2147	rBV3	14002	20272	0.87%	0.100%
37	16.041	2156	2162	2163	rBV	2044	2566	0.11%	0.013%
38	16.165	2180	2183	2185	rVB2	3183	2688	0.12%	0.013%
39	16.270	2197	2201	2202	rBV2	2948	3368	0.14%	0.017%
40	16.376	2212	2219	2221	rBV4	3016	5594	0.24%	0.028%
41	16.470	2231	2235	2238	rBV4	4604	8309	0.36%	0.041%
42	16.723	2275	2278	2279	rBV2	2814	2459	0.11%	0.012%
43	17.005	2324	2326	2328	rBV2	2552	2748	0.12%	0.014%
44	17.093	2336	2341	2348	rBV2	82512	137870	5.93%	0.678%
45	17.240	2363	2366	2368	rVV2	2940	3409	0.15%	0.017%
46	17.446	2394	2401	2408	rBV	778143	1189710	51.15%	5.850%
47	17.545	2411	2418	2425	rBV	1168355	1826893	78.55%	8.983%
48	17.598	2425	2427	2429	rVB3	3560	3258	0.14%	0.016%
49	17.716	2444	2447	2451	rVB3	2707	3888	0.17%	0.019%
50	17.763	2451	2455	2457	rVB3	3774	5251	0.23%	0.026%
51	17.786	2457	2459	2460	rBV2	3476	3416	0.15%	0.017%
52	17.810	2462	2463	2465	rBV2	2868	2358	0.10%	0.012%
53	17.927	2479	2483	2484	rBV4	2795	3202	0.14%	0.016%
54	18.321	2546	2550	2559	rBV2	109546	167827	7.22%	0.825%
55	18.403	2561	2564	2568	rVB4	7035	12779	0.55%	0.063%
56	18.515	2581	2583	2584	rBV2	5316	3250	0.14%	0.016%
57	18.538	2584	2587	2590	rVB5	4605	5230	0.22%	0.026%
58	18.580	2592	2594	2597	rBV3	4801	3366	0.14%	0.017%
59	18.627	2600	2602	2604	rBV3	2498	2545	0.11%	0.013%
60	18.662	2604	2608	2613	rBV6	11086	17027	0.73%	0.084%
61	18.820	2630	2635	2636	rBV5	6707	8860	0.38%	0.044%
62	18.862	2639	2642	2645	rBV5	6864	8992	0.39%	0.044%
63	18.891	2645	2647	2650	rBV3	4257	4495	0.19%	0.022%
64	18.961	2658	2659	2661	rBV2	4138	3009	0.13%	0.015%
65	19.061	2673	2676	2678	rBV4	4155	4628	0.20%	0.023%
66	19.120	2683	2686	2687	rBV3	5896	6313	0.27%	0.031%
67	19.296	2714	2716	2717	rBV2	4894	2754	0.12%	0.014%
68	19.361	2725	2727	2729	rBV3	4547	3504	0.15%	0.017%
69	19.384	2729	2731	2732	rVV2	6638	2890	0.12%	0.014%
70	19.455	2738	2743	2749	rBV2	25422	46261	1.99%	0.227%
71	19.555	2758	2760	2762	rBV3	3893	3893	0.17%	0.019%

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Title : SVOA CALIBRATION

72	19.590	2762	2766	2772	rVV5	31263	45790	1.97%	0.225%
73	19.719	2784	2788	2792	rBV2	15682	22950	0.99%	0.113%
74	19.825	2800	2806	2813	rBV	1579474	2325698	100.00%	11.435%
75	19.972	2829	2831	2832	rBV2	6592	4506	0.19%	0.022%
76	20.048	2841	2844	2846	rBV4	10724	12118	0.52%	0.060%
77	21.347	3061	3065	3075	rVB2	148676	228906	9.84%	1.125%
78	21.711	3121	3127	3133	rBV	725528	1196081	51.43%	5.881%
79	24.743	3631	3643	3655	rVB	740813	2033235	87.42%	9.997%
80	24.960	3670	3680	3693	rVB3	414112	1226494	52.74%	6.030%
81	27.651	4136	4138	4139	rBV2	11423	6149	0.26%	0.030%
82	31.576	4804	4806	4808	rBV3	9797	7386	0.32%	0.036%

Sum of corrected areas: 20338355

LSC Report - Integrated Chromatogram

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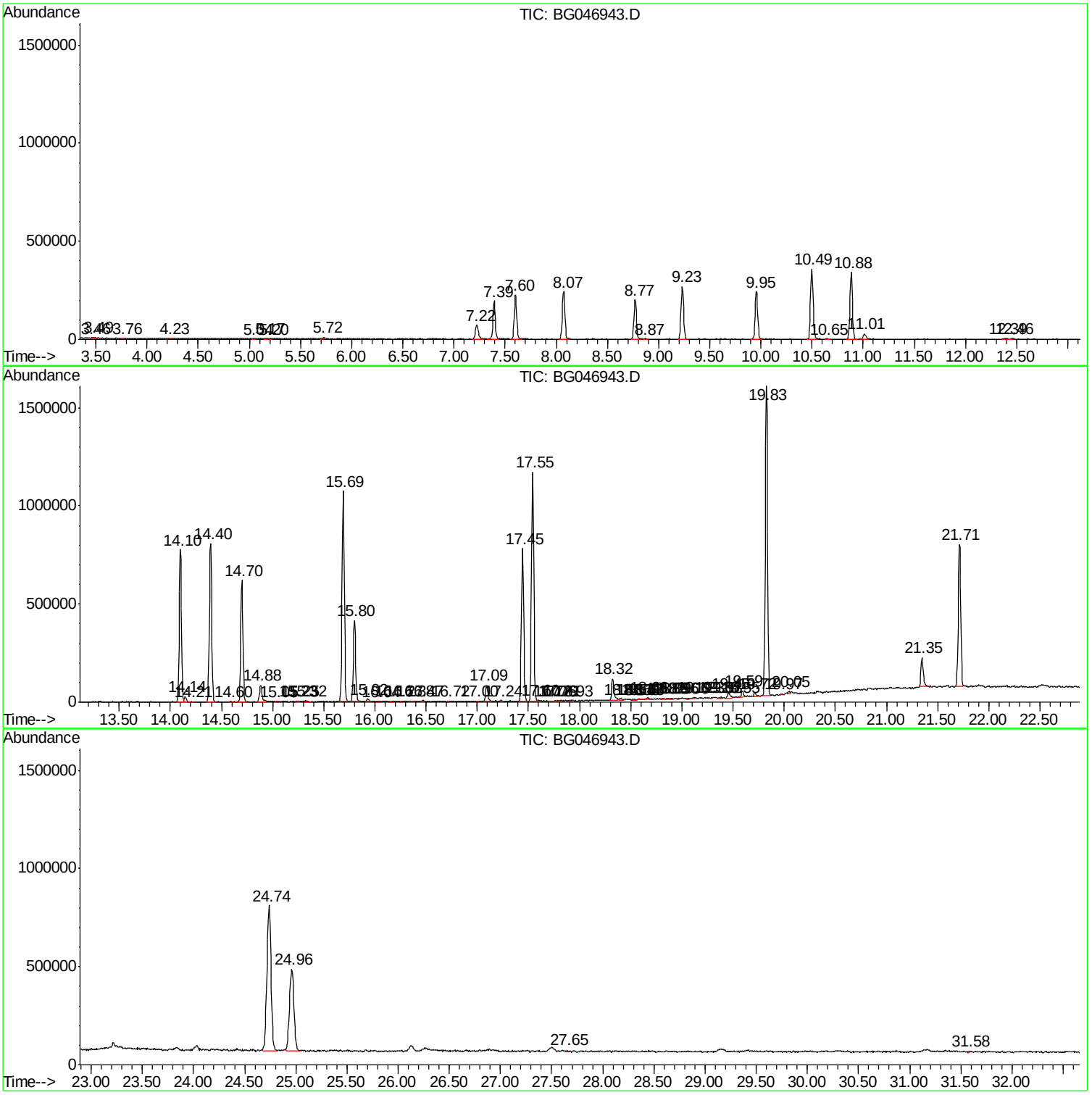
Instrument : BNA_G
ClientSampleId : C5CG4

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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Data File : BG046943.D
Acq On : 17 Oct 2020 15:36
Operator : CG/JU
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Instrument : BNA_G
ClientSampleId : C5CG4

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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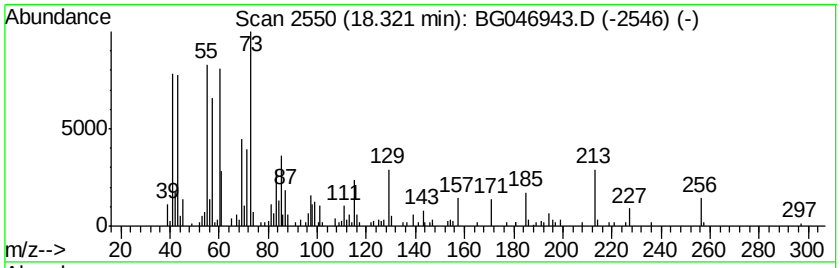
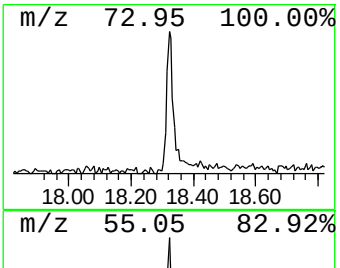
Peak Number 1 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.32	2.82 ng/ul	167827	Phenanthrene-d10	17.45

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	92
2	Tridecanoic acid	214	C13H26O2	000638-53-9	92
3	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	80
4	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	76
5	Tridecanoic acid	214	C13H26O2	000638-53-9	70





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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
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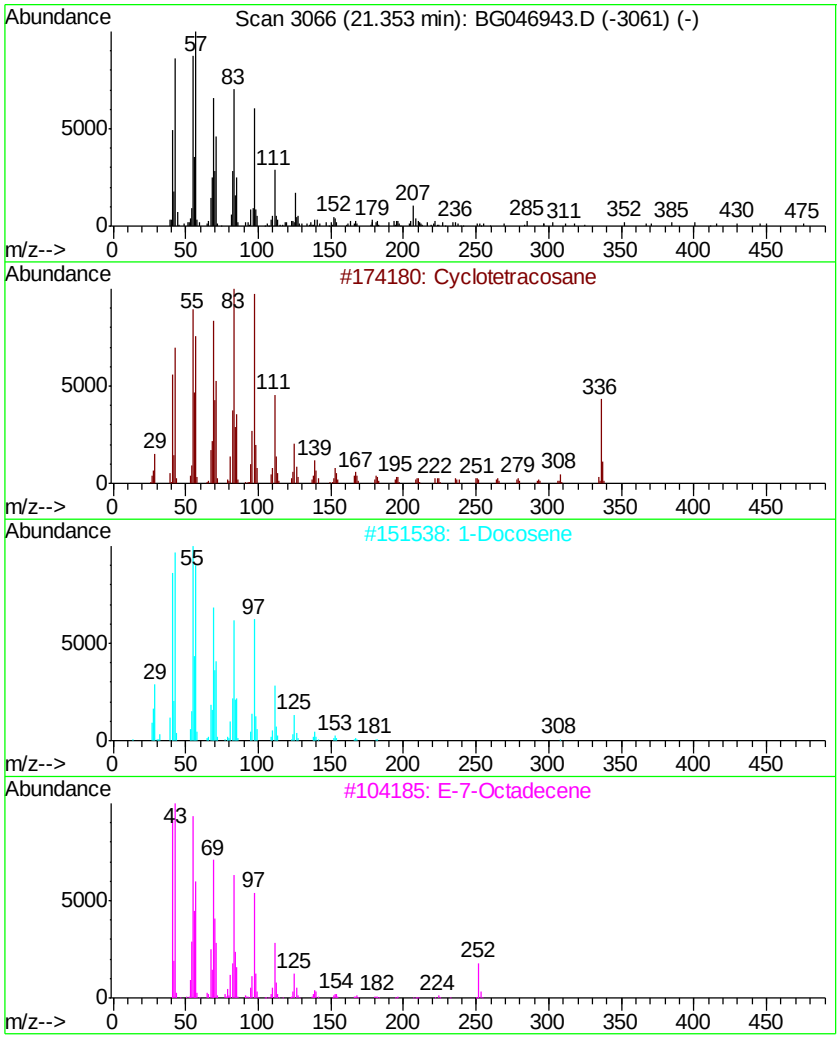
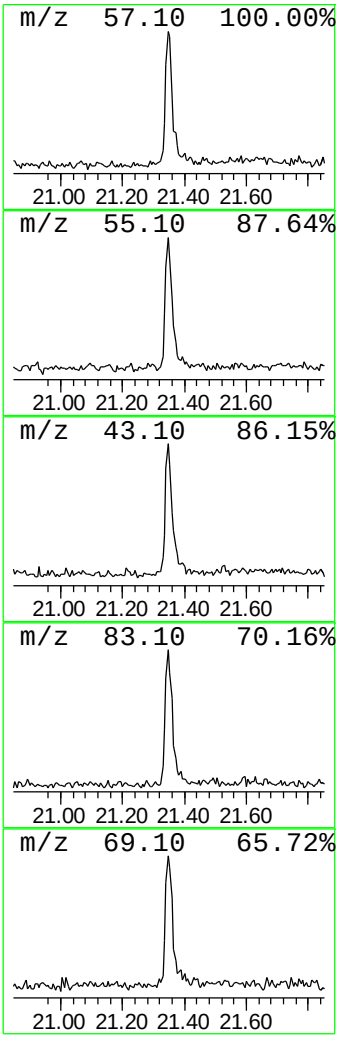
****

Peak Number 2 (DEL) Alkane: Cyclic21.35 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.35	3.83 ng/ul	228906	Chrysene-d12	21.71

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclotetracosane	336	C24H48	000297-03-0	97
2	1-Docosene	308	C22H44	001599-67-3	94
3	E-7-Octadecene	252	C18H36	1000130-92-0	93
4	5-Eicosene, (E)-	280	C20H40	074685-30-6	91
5	n-Nonadecanol-1	284	C19H40O	001454-84-8	87





Tentatively Identified Compound (LSC) summary

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					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
n-Hexadecanoic acid	18.32	2.8	ng/ul	167827	4	17.45	1189710	20.0
(DEL) Alkane: Cyc...	21.35	3.8	ng/ul	228906	5	21.71	1196080	20.0