LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG030816\
Data File : BG021383.D
Acq On : 9 Mar 2016 1:46
Operator : UM/SJ
Sample : H1655-16
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MS-SS-E350

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:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG030316.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	3.181	56	58	66	rVV4	1092	2054	0.63%	0.055%
2	3.264	69	72	77	rVB3	2988	4284	1.32%	0.114%
3	3.528	114	117	123	rVB2	2598	3331	1.02%	0.089%
4	3.587	123	127	130	rVB2	587	763	0.23%	0.020%
5	4.615	297	302	306	rVB3	2831	3959	1.22%	0.105%
6	5.150	389	393	394	rBV2	462	598	0.18%	0.016%
7	5.214	399	404	408	rBV3	2519	4318	1.33%	0.115%
8	5.625	471	474	478	rBV	414	630	0.19%	0.017%
9	6.237	576	578	582	rBV	480	792	0.24%	0.021%
10	7.276	748	755	763	rBV	54023	94993	29.16%	2.529%
11	7.447	777	784	793	rBV	39974	66707	20.48%	1.776%
12	7.652	811	819	828	rBV	53372	91236	28.01%	2.429%
13	7.711	828	829	833	rVB	654	618	0.19%	0.016%
14	8.123	892	899	906	rVV	46034	74751	22.95%	1.990%
15	8.170	906	907	912	rVB	832	812	0.25%	0.022%
16	8.816	1011	1017	1026	rVB	66840	113327	34.79%	3.017%
17	9.286	1090	1097	1105	rBB	56632	96934	29.76%	2.581%
18	9.674	1158	1163	1167	rBV2	1005	1352	0.42%	0.036%
19	9.797	1179	1184	1186	rBV	474	601	0.18%	0.016%
20	10.009	1214	1220	1227	rBB	47611	83764	25.72%	2.230%
21	10.549	1304	1312	1319	rBB	64423	113039	34.70%	3.009%
22	10.931	1370	1377	1386	rBB	67471	119613	36.72%	3.184%
23	11.060	1393	1399	1409	rBV	54456	97410	29.91%	2.593%
24	12.429	1627	1632	1639	rBB2	2815	4498	1.38%	0.120%
25	12.500	1640	1644	1645	rBV2	653	830	0.25%	0.022%
26	13.546	1818	1822	1823	rBB2	1101	866	0.27%	0.023%
27	13.616	1829	1834	1839	rBB	1817	3038	0.93%	0.081%
28	14.133	1916	1922	1927	rBV	122888	173203	53.18%	4.611%
29	14.180	1927	1930	1936	rVB	22541	28787	8.84%	0.766%
30	14.433	1966	1973	1980	rVB	130854	206617	63.43%	5.500%
31	14.609	1998	2003	2006	rVB	6192	7081	2.17%	0.189%
32	14.732	2018	2024	2032	rBB2	98956	161379	49.55%	4.296%
33	14.803	2032	2036	2039	rBV2	1236	1517	0.47%	0.040%
34	14.915	2050	2055	2065	rBV	52638	83647	25.68%	2.227%

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Sample : H1655-16
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MS-SS-E350

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:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG030316.M
Title : SVOA CALIBRATION

35	15.044	2074	2077	2080	rBV2	867	1466	0.45%	0.039%
36	15.067	2080	2081	2084	rVB	1065	672	0.21%	0.018%
37	15.108	2085	2088	2089	rBV	762	767	0.24%	0.020%
38	15.138	2089	2093	2099	rVB2	6565	9148	2.81%	0.244%
39	15.220	2103	2107	2110	rBB	1350	1595	0.49%	0.042%
40	15.291	2117	2119	2123	rBV	715	958	0.29%	0.026%
41	15.508	2153	2156	2159	rBV	680	737	0.23%	0.020%
42	15.555	2159	2164	2168	rVB	9199	10876	3.34%	0.290%
43	15.720	2186	2192	2199	rVB	166478	252628	77.56%	6.725%
44	15.778	2199	2202	2205	rVB	1202	1585	0.49%	0.042%
45	15.831	2206	2211	2217	rBV	53346	75749	23.26%	2.017%
46	15.960	2227	2233	2237	rVB4	3168	6160	1.89%	0.164%
47	16.002	2237	2240	2242	rBB4	984	766	0.24%	0.020%
48	16.049	2246	2248	2251	rBB2	980	956	0.29%	0.025%
49	16.113	2255	2259	2261	rVB	1216	1445	0.44%	0.038%
50	16.178	2265	2270	2273	rBB	956	1443	0.44%	0.038%
51	16.413	2306	2310	2322	rBV	9050	14897	4.57%	0.397%
52	16.754	2365	2368	2372	rBV2	1211	1774	0.54%	0.047%
53	16.783	2372	2373	2376	rVV	782	797	0.24%	0.021%
54	16.812	2376	2378	2381	rVB	710	681	0.21%	0.018%
55	16.859	2382	2386	2390	rBB2	538	1077	0.33%	0.029%
56	17.200	2441	2444	2448	rBV2	3272	4100	1.26%	0.109%
57	17.253	2452	2453	2456	rVB	1215	1083	0.33%	0.029%
58	17.294	2456	2460	2463	rBV	631	793	0.24%	0.021%
59	17.470	2484	2490	2495	rBV	128687	192110	58.98%	5.114%
60	17.512	2495	2497	2502	rVV	19459	24110	7.40%	0.642%
61	17.570	2502	2507	2517	rVB2	180632	271333	83.30%	7.223%
62	17.829	2548	2551	2554	rVV	2596	3000	0.92%	0.080%
63	17.870	2554	2558	2564	rVB	1126	1504	0.46%	0.040%
64	18.222	2616	2618	2623	rVB2	569	860	0.26%	0.023%
65	18.281	2623	2628	2633	rBB3	2706	3507	1.08%	0.093%
66	18.334	2633	2637	2643	rBV4	17654	25470	7.82%	0.678%
67	18.457	2654	2658	2660	rBV2	883	1073	0.33%	0.029%
68	18.540	2666	2672	2676	rBV2	2947	5135	1.58%	0.137%
69	18.622	2684	2686	2689	rBV	1050	913	0.28%	0.024%
70	18.704	2697	2700	2703	rVB	881	858	0.26%	0.023%
71	18.839	2718	2723	2726	rVB2	804	1061	0.33%	0.028%

LSC Area Percent Report

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Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MS-SS-E350

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:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG030316.M
Title : SVOA CALIBRATION

72	18.881	2726	2730	2732	rBV	1543	1699	0.52%	0.045%
73	19.086	2759	2765	2767	rBV	582	723	0.22%	0.019%
74	19.127	2770	2772	2777	rVB2	528	772	0.24%	0.021%
75	19.210	2781	2786	2787	rBV2	551	624	0.19%	0.017%
76	19.251	2789	2793	2795	rBV	1262	1439	0.44%	0.038%
77	19.386	2812	2816	2818	rBV	674	823	0.25%	0.022%
78	19.509	2828	2837	2843	rVV	31835	45619	14.01%	1.214%
79	19.562	2843	2846	2849	rVB2	2858	3081	0.95%	0.082%
80	19.597	2849	2852	2859	rBV3	3427	4592	1.41%	0.122%
81	19.674	2862	2865	2867	rBV2	923	1043	0.32%	0.028%
82	19.732	2869	2875	2878	rBV2	1305	2714	0.83%	0.072%
83	19.844	2888	2894	2904	rBV3	201211	325717	100.00%	8.671%
84	19.915	2904	2906	2908	rBV3	1122	1167	0.36%	0.031%
85	20.044	2926	2928	2931	rVB2	1796	1102	0.34%	0.029%
86	20.108	2936	2939	2943	rBV3	1009	1652	0.51%	0.044%
87	20.167	2945	2949	2954	rBV6	4518	7209	2.21%	0.192%
88	20.249	2961	2963	2964	rBV	1259	745	0.23%	0.020%
89	20.332	2973	2977	2978	rBV3	2191	2868	0.88%	0.076%
90	20.355	2979	2981	2986	rVB2	4238	4732	1.45%	0.126%
91	20.461	2995	2999	3002	rBV3	2728	3778	1.16%	0.101%
92	20.514	3006	3008	3011	rVB4	1935	2039	0.63%	0.054%
93	20.649	3026	3031	3032	rBV3	1886	2606	0.80%	0.069%
94	21.354	3147	3151	3159	rBV3	22242	42401	13.02%	1.129%
95	21.730	3208	3215	3220	rBV	138346	237546	72.93%	6.324%
96	23.193	3459	3464	3473	rVB3	24837	49155	15.09%	1.309%
97	23.399	3496	3499	3506	rVB3	7451	13297	4.08%	0.354%
98	23.945	3588	3592	3595	rBV5	7723	13006	3.99%	0.346%
99	24.762	3722	3731	3739	rBV	84899	214649	65.90%	5.714%
100	24.991	3760	3770	3780	rVB2	70053	199142	61.14%	5.301%

Sum of corrected areas: 3756376

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Instrument :
BNA_G
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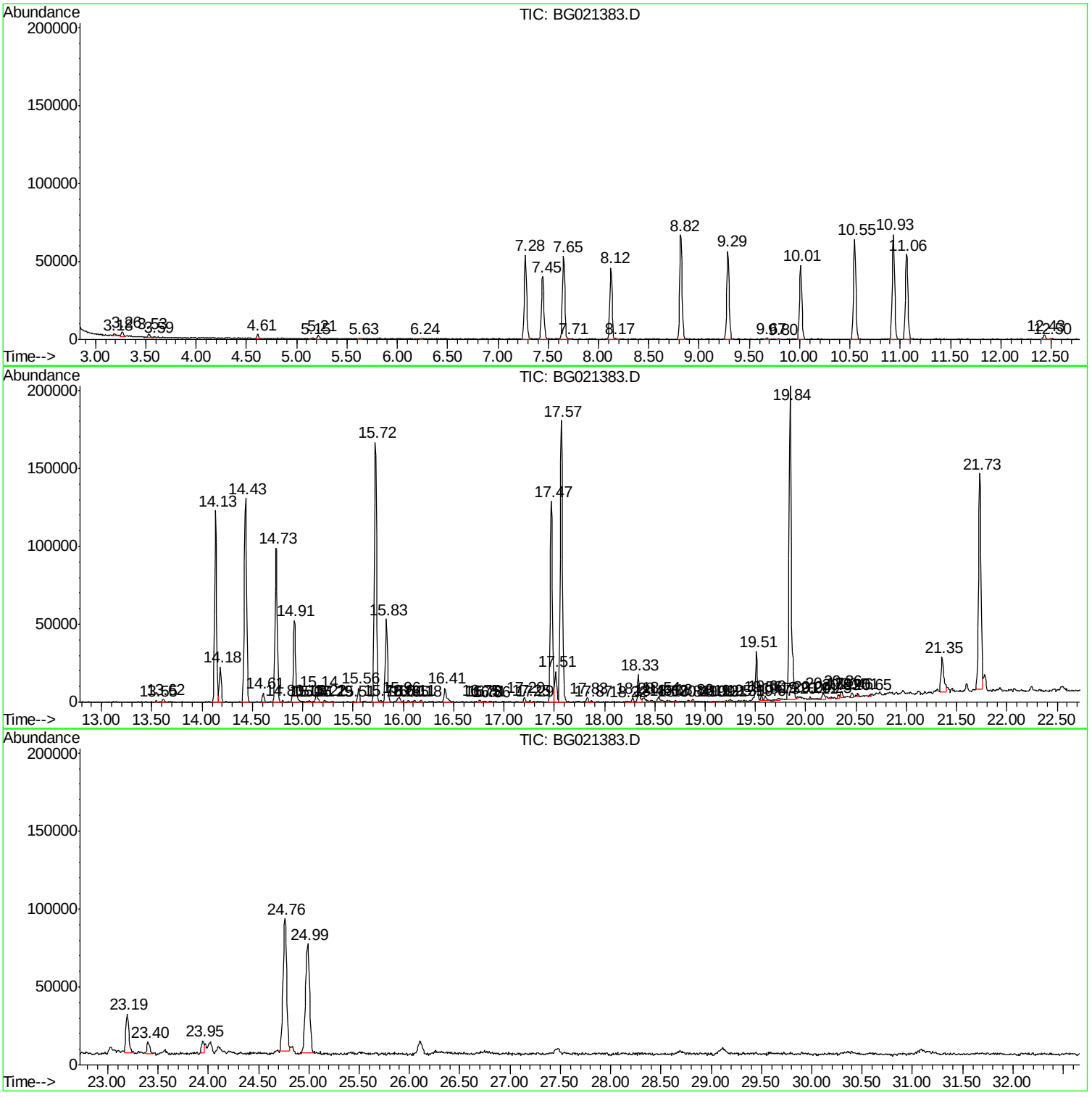
MS-SS-E350

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG030316.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P



Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG030816\
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Quant Title : SVOA CALIBRATION

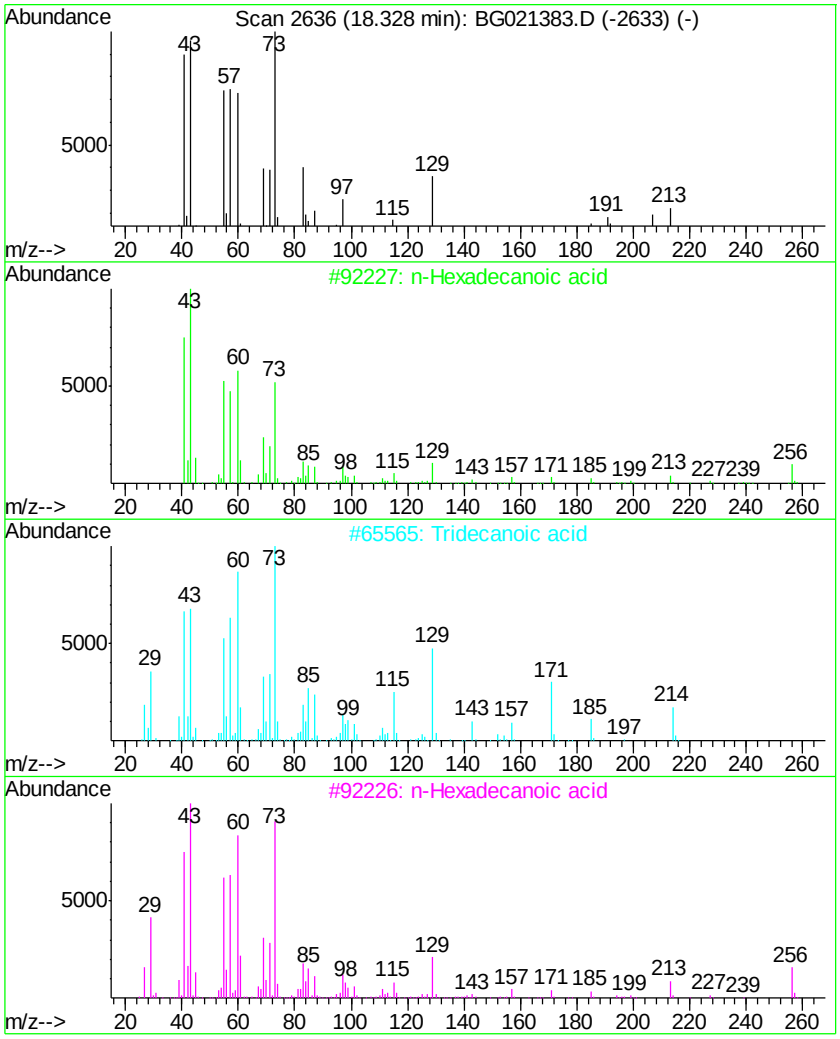
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

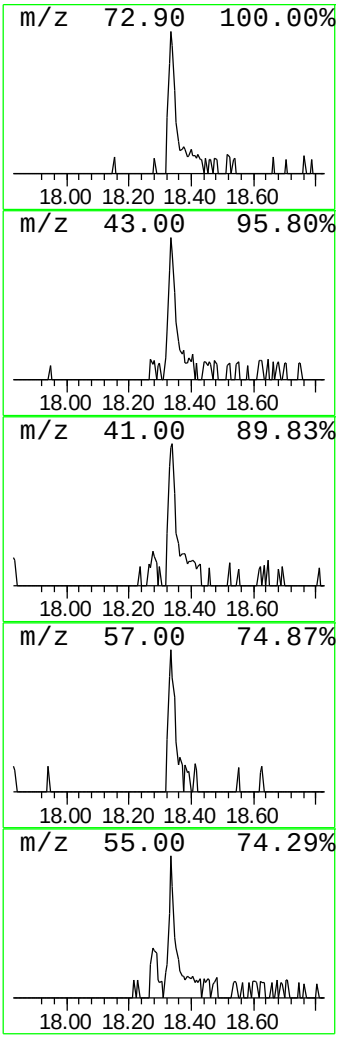
****

Peak Number 1 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.33	2.65 ng/ul	25470	Phenanthrene-d10	17.47

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	90
2	Tridecanoic acid	214	C13H26O2	000638-53-9	52
3	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	50
4	Dodecanoic acid	200	C12H24O2	000143-07-7	50
5	Undecanoic acid	186	C11H22O2	000112-37-8	50





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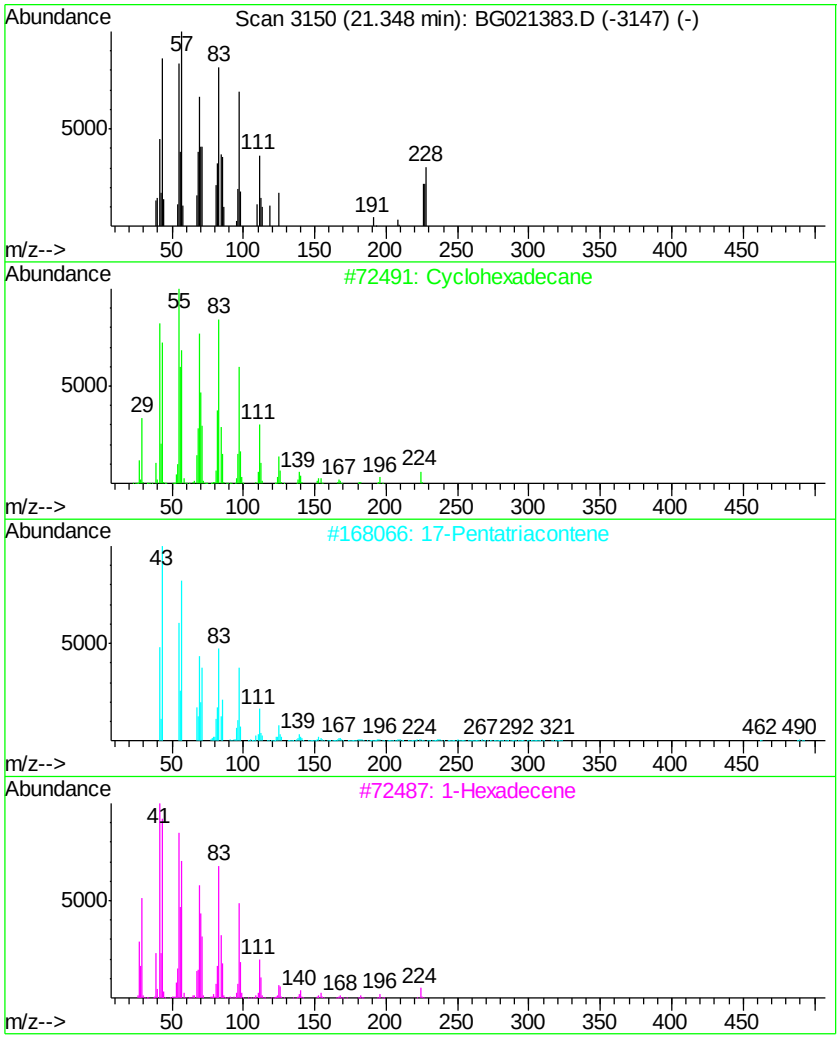
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG030316.M
Quant Title : SVOA CALIBRATION

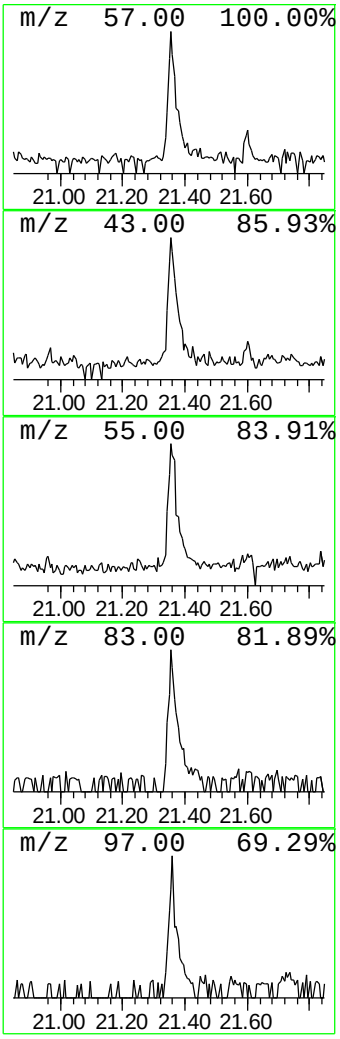
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.35	3.57 ng/ul	42401	Chrysene-d12	21.73

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexadecane	224	C16H32	000295-65-8	83
2	17-Pentatriacontene	491	C35H70	006971-40-0	81
3	1-Hexadecene	224	C16H32	000629-73-2	76
4	1-Eicosanol	298	C20H42O	000629-96-9	74
5	7-Hexadecene, (Z)-	224	C16H32	035507-09-6	68





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ClientSampleId : MS-SS-E350

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG030316.M
Quant Title : SVOA CALIBRATION

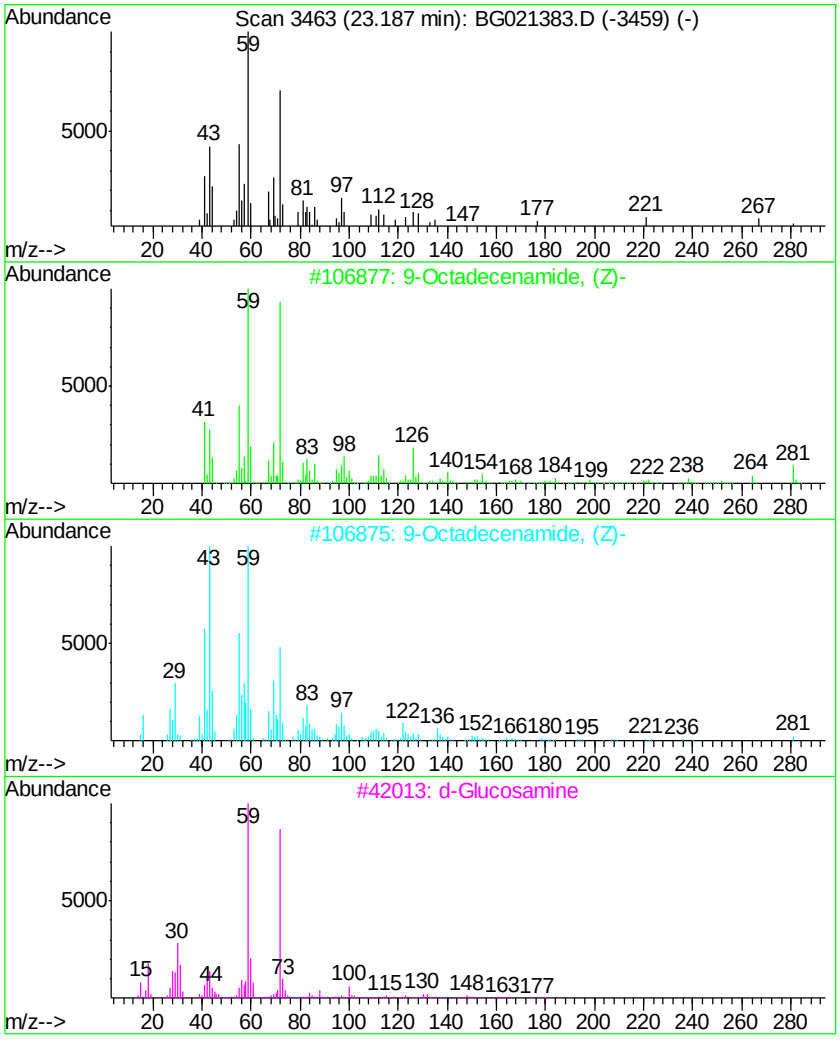
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

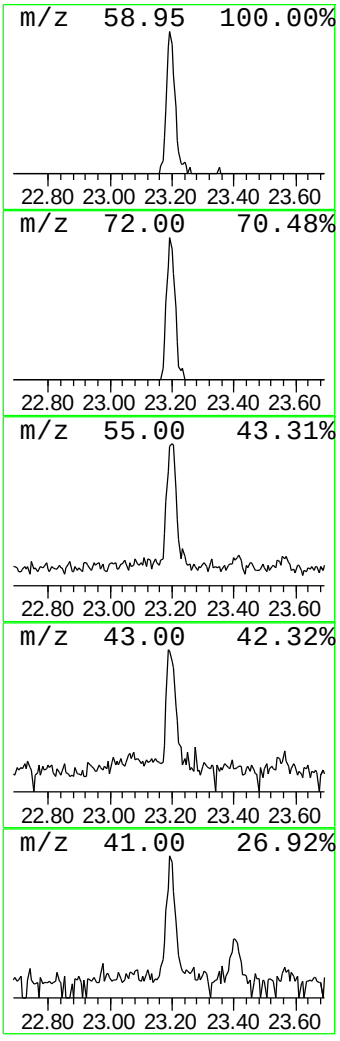
****

Peak Number 3 9-Octadecenamide, (Z)- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.19	4.14 ng/ul	49155	Chrysene-d12	21.73

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	74
2	9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	53
3	d-Glucosamine	179	C6H13NO5	000090-77-7	50
4	9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	40
5	Tetradecanamide	227	C14H29NO	000638-58-4	38





Tentatively Identified Compound (LSC) summary

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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
n-Hexadecanoic acid	18.33	2.6	ng/ul	25470	4	17.47	192110	20.0
(DEL) Alkane: Str...	21.35	3.6	ng/ul	42401	5	21.73	237546	20.0
9-Octadecenamide,...	23.19	4.1	ng/ul	49155	5	21.73	237546	20.0