LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG112120\
Data File : BG047408.D
Acq On : 21 Nov 2020 23:52
Operator : CG/JU
Sample : L4711-17
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AW9

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-BG111920MA.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	3.538	33	34	38	rBV2	2897	3297	0.25%	0.025%
2	3.614	40	47	52	rBV5	7580	14337	1.08%	0.110%
3	3.896	94	95	99	rVB2	2153	2348	0.18%	0.018%
4	4.049	117	121	124	rBV3	2602	3688	0.28%	0.028%
5	4.284	159	161	167	rVB3	3713	5116	0.39%	0.039%
6	4.354	170	173	175	rBV2	2745	2826	0.21%	0.022%
7	4.401	176	181	184	rVB2	2503	4140	0.31%	0.032%
8	4.437	184	187	188	rBV2	2158	2422	0.18%	0.019%
9	4.578	209	211	213	rBV	2282	2837	0.21%	0.022%
10	4.678	227	228	231	rBV	2534	2712	0.20%	0.021%
11	5.400	349	351	354	rBV	2128	3257	0.25%	0.025%
12	5.653	391	394	398	rVB2	1714	2381	0.18%	0.018%
13	6.581	550	552	556	rVB2	2612	2645	0.20%	0.020%
14	6.775	581	585	590	rBV2	2150	3590	0.27%	0.028%
15	7.410	682	693	703	rBV	185110	346140	26.15%	2.663%
16	7.504	706	709	712	rBV2	2067	3032	0.23%	0.023%
17	7.586	716	723	730	rBV	107163	190763	14.41%	1.467%
18	7.692	737	741	746	rVB3	1624	2729	0.21%	0.021%
19	7.803	753	760	766	rBV	187583	330674	24.98%	2.544%
20	8.279	834	841	848	rBV	160502	274364	20.73%	2.110%
21	8.508	878	880	884	rVB	2483	3562	0.27%	0.027%
22	8.749	916	921	923	rVB	2183	2620	0.20%	0.020%
23	8.967	949	958	968	rBV2	224937	402087	30.38%	3.093%
24	9.443	1031	1039	1047	rBV	179603	321685	24.31%	2.474%
25	9.595	1064	1065	1068	rBV2	2608	2616	0.20%	0.020%
26	9.742	1086	1090	1092	rBV	1548	2279	0.17%	0.018%
27	9.854	1106	1109	1114	rVB2	5495	5755	0.43%	0.044%
28	10.171	1154	1163	1170	rBV	175309	314540	23.77%	2.420%
29	10.365	1193	1196	1198	rBV2	1965	2557	0.19%	0.020%
30	10.712	1247	1255	1263	rBV2	261749	477880	36.11%	3.676%
31	11.105	1314	1322	1329	rBV	197601	358141	27.06%	2.755%
32	11.223	1335	1342	1351	rBV	206111	383668	28.99%	2.951%
33	11.370	1365	1367	1374	rVB	2348	3336	0.25%	0.026%
34	11.846	1445	1448	1449	rBV2	3129	3064	0.23%	0.024%

LSC Area Percent Report

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Acq On : 21 Nov 2020 23:52
Operator : CG/JU
Sample : L4711-17
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AW9

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-BG111920MA.M
Title : SVOA CALIBRATION

35	12.004	1471	1475	1476	rBV2	2249	2377	0.18%	0.018%
36	12.345	1529	1533	1537	rVB	2075	2253	0.17%	0.017%
37	12.662	1584	1587	1593	rVB	4778	7611	0.58%	0.059%
38	13.385	1706	1710	1714	rBV	2371	3238	0.24%	0.025%
39	13.497	1725	1729	1733	rBV2	3458	6013	0.45%	0.046%
40	13.726	1763	1768	1771	rBV3	4167	6363	0.48%	0.049%
41	13.767	1771	1775	1783	rVB3	27669	49414	3.73%	0.380%
42	13.820	1783	1784	1787	rBV3	2222	2366	0.18%	0.018%
43	14.278	1855	1862	1866	rBV	455428	678639	51.28%	5.220%
44	14.325	1866	1870	1876	rVB	163768	229564	17.35%	1.766%
45	14.507	1896	1901	1902	rBV	3171	3495	0.26%	0.027%
46	14.584	1907	1914	1921	rVV	468838	731761	55.29%	5.629%
47	14.666	1925	1928	1931	rVB	2859	2347	0.18%	0.018%
48	14.701	1931	1934	1936	rBV	2617	3172	0.24%	0.024%
49	14.889	1959	1966	1974	rVB	314551	516228	39.00%	3.971%
50	14.948	1974	1976	1979	rBV2	3979	3222	0.24%	0.025%
51	15.042	1987	1992	2005	rVB	220519	355890	26.89%	2.738%
52	15.201	2016	2019	2021	rBV2	2268	2674	0.20%	0.021%
53	15.265	2027	2030	2031	rBV2	4626	4224	0.32%	0.032%
54	15.447	2058	2061	2064	rBV	2210	2712	0.20%	0.021%
55	15.547	2076	2078	2080	rVB	2892	2495	0.19%	0.019%
56	15.588	2082	2085	2087	rVB	2999	3315	0.25%	0.025%
57	15.629	2087	2092	2093	rBV2	2836	3884	0.29%	0.030%
58	15.659	2093	2097	2100	rBV3	5443	8313	0.63%	0.064%
59	15.747	2110	2112	2115	rBV	2834	2861	0.22%	0.022%
60	15.870	2124	2133	2140	rBV	630535	937801	70.86%	7.214%
61	15.970	2145	2150	2160	rVV	125437	193545	14.62%	1.489%
62	16.105	2168	2173	2177	rBV6	7879	13010	0.98%	0.100%
63	16.205	2186	2190	2192	rBV	2567	3987	0.30%	0.031%
64	16.264	2197	2200	2205	rVV2	1800	2530	0.19%	0.019%
65	16.382	2218	2220	2224	rBV3	3744	5358	0.40%	0.041%
66	16.423	2224	2227	2229	rVV	2183	2451	0.19%	0.019%
67	16.505	2238	2241	2243	rBV3	3294	3960	0.30%	0.030%
68	16.546	2243	2248	2251	rVB5	4200	8707	0.66%	0.067%
69	16.652	2262	2266	2267	rVB4	3655	3424	0.26%	0.026%
70	16.746	2280	2282	2287	rVB3	5706	5881	0.44%	0.045%
71	16.846	2296	2299	2305	rBV4	9709	13227	1.00%	0.102%

LSC Area Percent Report

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Acq On : 21 Nov 2020 23:52
Operator : CG/JU
Sample : L4711-17
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AW9

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-BG111920MA.M
Title : SVOA CALIBRATION

72	16.928	2312	2313	2315	rBV	4644	2718	0.21%	0.021%
73	16.981	2320	2322	2324	rBV3	3099	3000	0.23%	0.023%
74	17.063	2335	2336	2343	rVB4	4611	8293	0.63%	0.064%
75	17.151	2348	2351	2353	rBV3	2766	3636	0.27%	0.028%
76	17.216	2360	2362	2364	rBV3	3209	2370	0.18%	0.018%
77	17.292	2374	2375	2377	rBV2	4621	2608	0.20%	0.020%
78	17.351	2382	2385	2391	rBV6	5503	9616	0.73%	0.074%
79	17.545	2416	2418	2421	rBV4	2809	2371	0.18%	0.018%
80	17.621	2424	2431	2435	rVV	391123	617539	46.66%	4.750%
81	17.662	2435	2438	2442	rVV	67112	100859	7.62%	0.776%
82	17.721	2442	2448	2458	rVB	653236	1022867	77.29%	7.868%
83	17.839	2464	2468	2477	rBV5	17225	27859	2.10%	0.214%
84	17.974	2490	2491	2494	rVV2	4831	3789	0.29%	0.029%
85	18.009	2494	2497	2502	rVB4	11914	18903	1.43%	0.145%
86	18.203	2529	2530	2532	rBV	4790	2862	0.22%	0.022%
87	18.338	2552	2553	2556	rBV2	5749	6390	0.48%	0.049%
88	18.485	2573	2578	2582	rBV5	43042	64032	4.84%	0.493%
89	18.532	2584	2586	2590	rVV3	8896	11582	0.88%	0.089%
90	18.691	2609	2613	2616	rVB4	13174	20165	1.52%	0.155%
91	18.820	2633	2635	2642	rVB8	12307	20691	1.56%	0.159%
92	19.084	2678	2680	2683	rBV3	9986	9935	0.75%	0.076%
93	19.255	2705	2709	2714	rVB	36558	52810	3.99%	0.406%
94	19.648	2772	2776	2782	rVB	162989	237439	17.94%	1.826%
95	19.883	2810	2816	2820	rBV7	23529	44052	3.33%	0.339%
96	19.983	2827	2833	2844	rBV2	798700	1323497	100.00%	10.181%
97	21.511	3089	3093	3099	rVB2	174425	219441	16.58%	1.688%
98	21.899	3153	3159	3165	rBV3	316930	609541	46.06%	4.689%
99	25.077	3692	3700	3707	rVB2	297184	799842	60.43%	6.153%
100	25.306	3733	3739	3747	rVB	166666	435977	32.94%	3.354%

Sum of corrected areas: 13000084

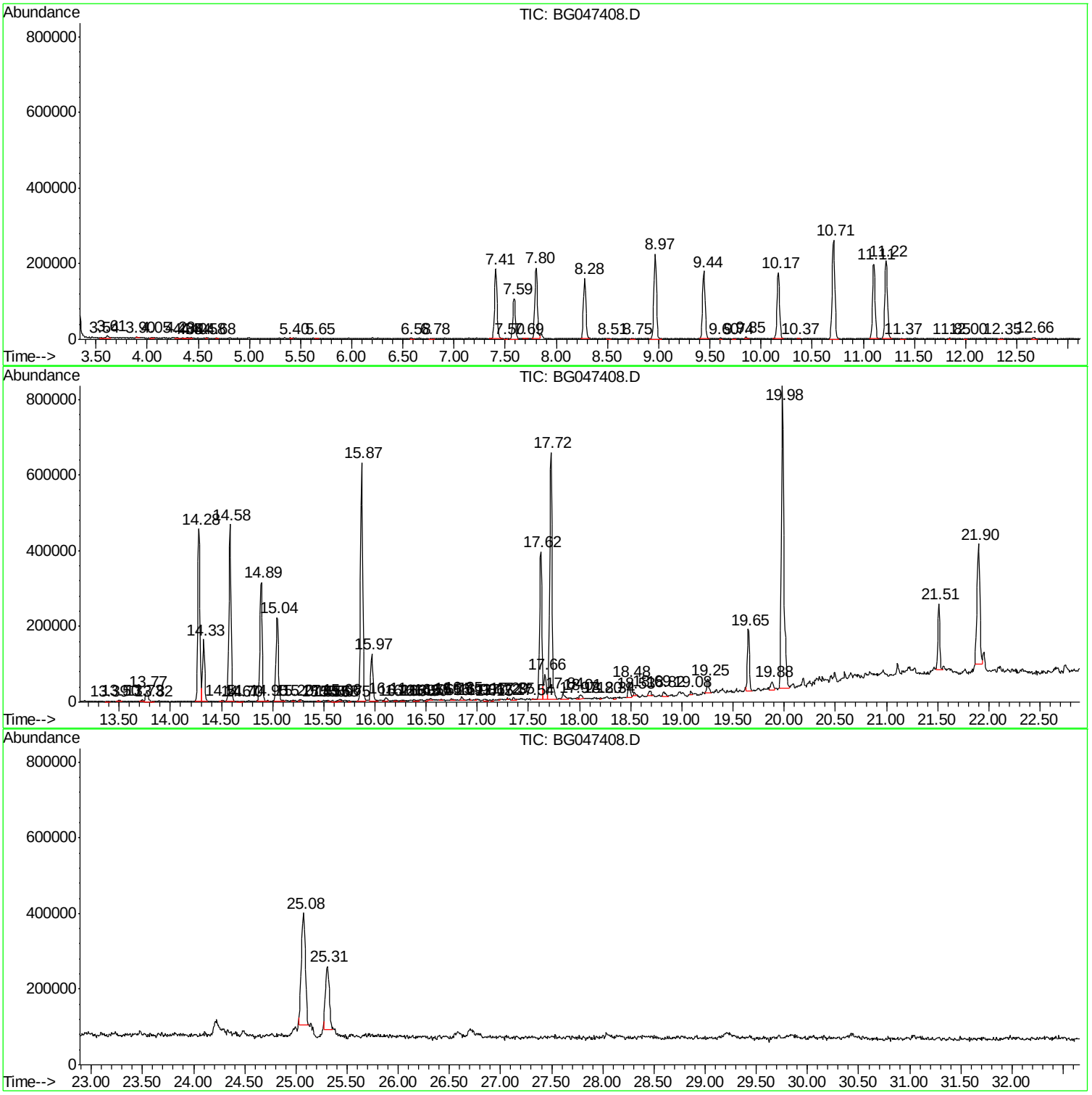
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG112120\
Data File : BG047408.D
Acq On : 21 Nov 2020 23:52
Operator : CG/JU
Sample : L4711-17
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AW9

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG111920MA.M
Quant Title : SVOA CALIBRATION

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



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG112120\
Data File : BG047408.D
Acq On : 21 Nov 2020 23:52
Operator : CG/JU
Sample : L4711-17
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AW9

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG111920MA.M
Quant Title : SVOA CALIBRATION

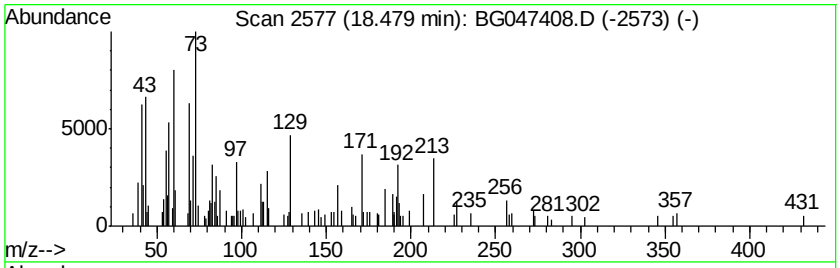
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

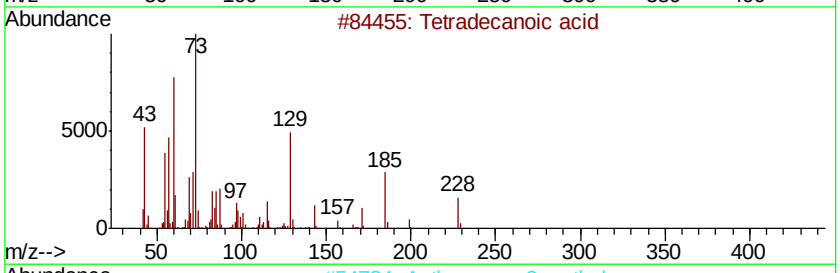
****

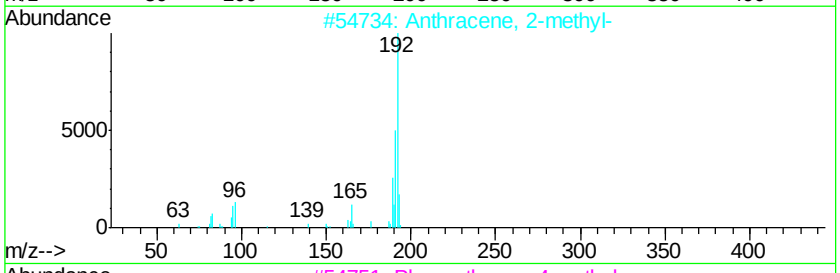
Peak Number 1 Tetradecanoic acid Concentration Rank 2

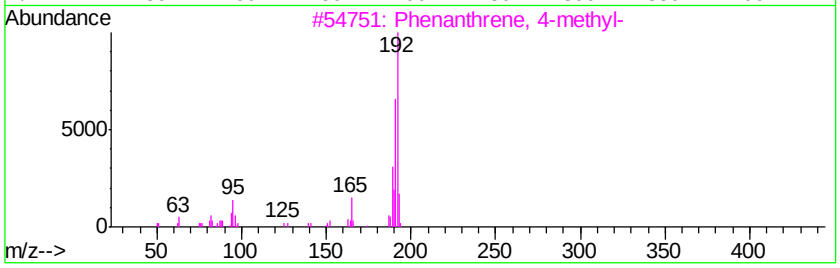
R.T.	EstConc	Area	Relative to ISTD	R.T.
18.48	2.07 ng/ul	64032	Phenanthrene-d10	17.62

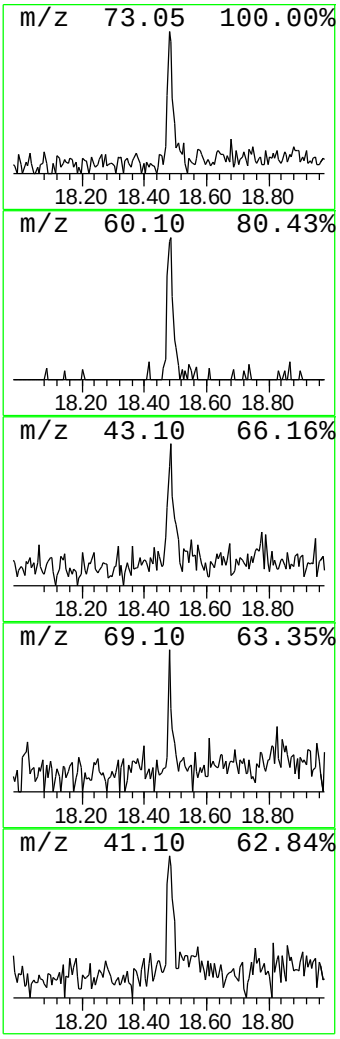
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecanoic acid	228	C14H28O2	000544-63-8	38
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	25
3	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	25
4	2-Hexyldecanoic acid	256	C16H32O2	025354-97-6	25
5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	25











Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG112120\
Data File : BG047408.D
Acq On : 21 Nov 2020 23:52
Operator : CG/JU
Sample : L4711-17
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AW9

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG111920MA.M
Quant Title : SVOA CALIBRATION

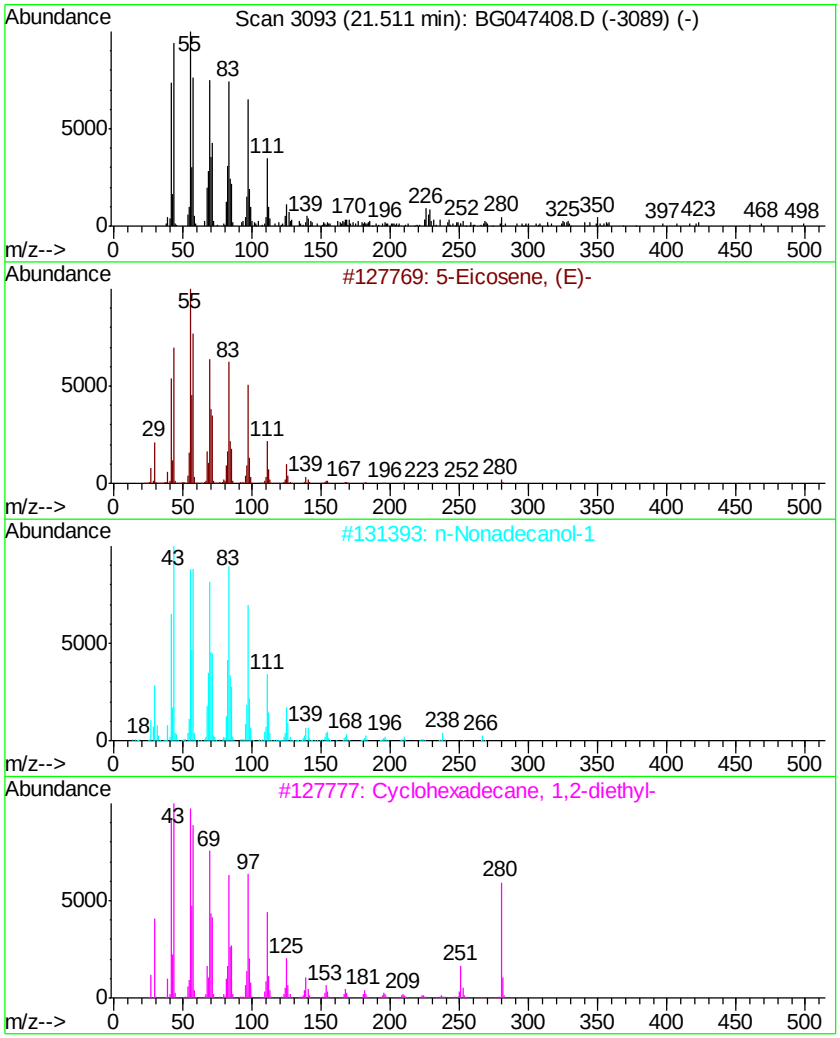
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

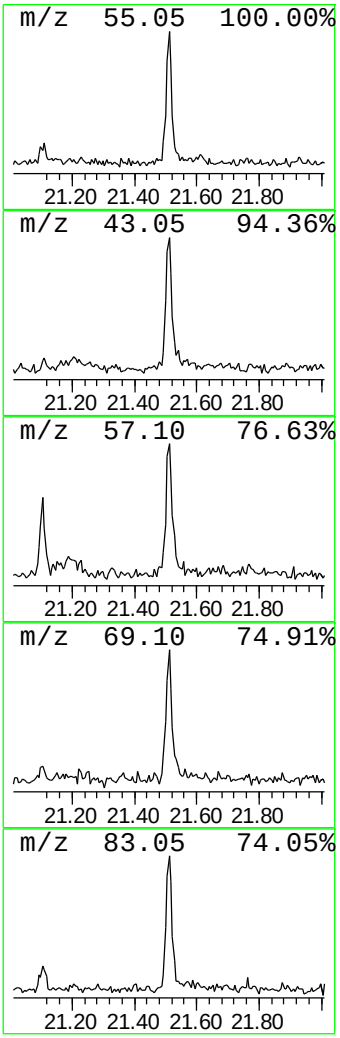
****

Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.51	7.20 ng/ul	219441	Chrysene-d12	21.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Eicosene, (E)-	280	C20H40	074685-30-6	96
2	n-Nonadecanol-1	284	C19H40O	001454-84-8	95
3	Cyclohexadecane, 1,2-diethyl-	280	C20H40	1000155-85-3	94
4	Heptafluorobutyric acid, n-tetra...	410	C18H29F7O2	007365-36-8	94
5	Cycloeicosane	280	C20H40	000296-56-0	93





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG112120\
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Instrument : BNA_G
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG111920MA.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
Tetradecanoic acid	18.48	2.1	ng/ul	64032	4	17.62	617539	20.0
(DEL) Alkane: Str...	21.51	7.2	ng/ul	219441	5	21.90	609541	20.0