LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG030416\
Data File : BG021278.D
Acq On : 4 Mar 2016 20:12
Operator : UM/SJ
Sample : H1626-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : JHFH8

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	3.315	79	81	83	rBV	595	614	0.26%	0.024%
2	3.533	116	118	123	rVB2	931	1288	0.54%	0.051%
3	3.762	156	157	161	rVB2	530	561	0.24%	0.022%
4	3.821	165	167	170	rBV2	445	569	0.24%	0.022%
5	4.073	209	210	212	rVB	631	376	0.16%	0.015%
6	4.091	212	213	218	rBV2	363	608	0.26%	0.024%
7	4.573	291	295	297	rVB2	452	637	0.27%	0.025%
8	4.596	297	299	301	rBV2	382	344	0.14%	0.014%
9	4.814	335	336	339	rVB	569	460	0.19%	0.018%
10	4.990	364	366	368	rVB	419	326	0.14%	0.013%
11	5.055	374	377	379	rBV	476	491	0.21%	0.019%
12	5.207	402	403	407	rBV	366	393	0.17%	0.016%
13	5.301	416	419	420	rBV	428	337	0.14%	0.013%
14	5.342	424	426	427	rBV	534	386	0.16%	0.015%
15	5.542	456	460	461	rBV	378	541	0.23%	0.021%
16	5.560	461	463	465	rVV	649	587	0.25%	0.023%
17	5.589	465	468	469	rVB	375	387	0.16%	0.015%
18	5.695	484	486	489	rBV	489	530	0.22%	0.021%
19	5.789	499	502	505	rVB	447	613	0.26%	0.024%
20	5.818	505	507	509	rBV	479	494	0.21%	0.020%
21	6.006	536	539	540	rBB	522	442	0.19%	0.017%
22	6.065	548	549	552	rVB	405	326	0.14%	0.013%
23	6.089	552	553	555	rBV	440	360	0.15%	0.014%
24	6.194	569	571	574	rVB	318	324	0.14%	0.013%
25	6.271	583	584	589	rBV	402	461	0.19%	0.018%
26	6.488	618	621	623	rVB	380	375	0.16%	0.015%
27	6.553	629	632	635	rBV	348	490	0.21%	0.019%
28	6.647	643	648	649	rBV	349	503	0.21%	0.020%
29	7.134	728	731	732	rBV	387	383	0.16%	0.015%
30	7.275	748	755	764	rBB3	22200	37802	15.90%	1.495%
31	7.381	772	773	775	rBV3	351	316	0.13%	0.012%
32	7.452	779	785	792	rVB	17952	29209	12.29%	1.155%
33	7.657	813	820	826	rBB2	20932	34248	14.40%	1.354%
34	8.127	894	900	906	rBB	43036	68662	28.88%	2.715%

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Misc :
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Instrument : BNA_G
ClientSampleId : JHFH8

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	8.821	1012	1018	1026	rBB2	29573	48268	20.30%	1.909%
36	9.291	1092	1098	1106	rBB	24555	42058	17.69%	1.663%
37	9.385	1110	1114	1117	rBB	798	1055	0.44%	0.042%
38	10.013	1215	1221	1227	rBB	19754	33101	13.92%	1.309%
39	10.548	1307	1312	1319	rBB2	28785	45749	19.24%	1.809%
40	10.936	1371	1378	1386	rBB	66732	114112	48.00%	4.512%
41	11.065	1394	1400	1408	rBV	27512	47109	19.81%	1.863%
42	13.615	1831	1834	1839	rBB2	2191	2793	1.17%	0.110%
43	14.138	1917	1923	1927	rBV	63486	92399	38.86%	3.653%
44	14.185	1927	1931	1936	rVB	24136	32476	13.66%	1.284%
45	14.432	1967	1973	1980	rBB	66156	101483	42.68%	4.013%
46	14.614	2000	2004	2007	rBB	2434	2753	1.16%	0.109%
47	14.737	2018	2025	2032	rBB3	100097	156523	65.83%	6.189%
48	14.914	2050	2055	2067	rBV2	34607	54221	22.81%	2.144%
49	15.049	2077	2078	2082	rBB2	334	327	0.14%	0.013%
50	15.219	2104	2107	2111	rBB2	633	732	0.31%	0.029%
51	15.519	2154	2158	2162	rBV	704	904	0.38%	0.036%
52	15.560	2162	2165	2169	rVB	5878	6337	2.67%	0.251%
53	15.724	2187	2193	2199	rVB2	94607	135136	56.84%	5.343%
54	15.830	2206	2211	2217	rBB2	34400	47425	19.95%	1.875%
55	15.965	2228	2234	2237	rBB	2016	2878	1.21%	0.114%
56	16.059	2247	2250	2255	rBB	739	688	0.29%	0.027%
57	16.112	2256	2259	2261	rBB	601	585	0.25%	0.023%
58	16.418	2307	2311	2319	rVB	6106	9771	4.11%	0.386%
59	16.764	2366	2370	2371	rBV	766	781	0.33%	0.031%
60	16.882	2387	2390	2392	rBV	557	644	0.27%	0.025%
61	16.923	2394	2397	2399	rVB	356	420	0.18%	0.017%
62	16.976	2403	2406	2407	rBV	414	327	0.14%	0.013%
63	16.999	2407	2410	2412	rVV2	376	328	0.14%	0.013%
64	17.134	2430	2433	2435	rBV2	320	354	0.15%	0.014%
65	17.152	2435	2436	2439	rVB	433	355	0.15%	0.014%
66	17.211	2440	2446	2449	rBV2	3450	3914	1.65%	0.155%
67	17.264	2451	2455	2458	rVB	998	1056	0.44%	0.042%
68	17.364	2469	2472	2474	rBB	399	445	0.19%	0.018%
69	17.475	2485	2491	2497	rBV2	134086	198188	83.36%	7.836%
70	17.575	2502	2508	2514	rVB2	109561	162239	68.24%	6.415%
71	17.646	2519	2520	2524	rVB	439	502	0.21%	0.020%

LSC Area Percent Report

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Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : JHFH8

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	17.681	2524	2526	2528	rBV	362	340	0.14%	0.013%
73	17.945	2569	2571	2575	rBV	1212	1150	0.48%	0.045%
74	18.339	2635	2638	2645	rBV2	11528	14519	6.11%	0.574%
75	18.474	2656	2661	2662	rBV	485	546	0.23%	0.022%
76	18.633	2683	2688	2690	rBV	720	896	0.38%	0.035%
77	18.774	2711	2712	2715	rVB	455	323	0.14%	0.013%
78	18.932	2736	2739	2742	rBV3	1255	1276	0.54%	0.050%
79	19.003	2750	2751	2753	rBV	546	365	0.15%	0.014%
80	19.115	2768	2770	2771	rVB	606	352	0.15%	0.014%
81	19.132	2771	2773	2775	rBV	614	673	0.28%	0.027%
82	19.185	2780	2782	2784	rVB	642	512	0.22%	0.020%
83	19.238	2790	2791	2795	rBV	541	652	0.27%	0.026%
84	19.402	2817	2819	2822	rVB	973	703	0.30%	0.028%
85	19.438	2822	2825	2826	rBV	639	574	0.24%	0.023%
86	19.561	2844	2846	2850	rVB3	1235	1351	0.57%	0.053%
87	19.602	2850	2853	2857	rBV2	3974	4760	2.00%	0.188%
88	19.726	2872	2874	2875	rBV2	707	503	0.21%	0.020%
89	19.749	2875	2878	2879	rVB2	1115	1004	0.42%	0.040%
90	19.802	2885	2887	2888	rBV	705	368	0.15%	0.015%
91	19.849	2889	2895	2903	rVV	144142	206778	86.97%	8.176%
92	20.002	2920	2921	2923	rBV2	950	845	0.36%	0.033%
93	20.107	2935	2939	2940	rBV3	1300	1601	0.67%	0.063%
94	20.278	2964	2968	2972	rVV2	26364	31770	13.36%	1.256%
95	20.325	2975	2976	2979	rBV2	1576	1291	0.54%	0.051%
96	21.359	3148	3152	3161	rBV2	34468	54014	22.72%	2.136%
97	21.612	3192	3195	3201	rVB5	5199	6531	2.75%	0.258%
98	21.735	3210	3216	3224	rVB	145286	237758	100.00%	9.401%
99	24.773	3724	3733	3743	rVB	76200	196371	82.59%	7.765%
100	24.996	3762	3771	3783	rVB2	85531	228362	96.05%	9.029%

Sum of corrected areas: 2529067

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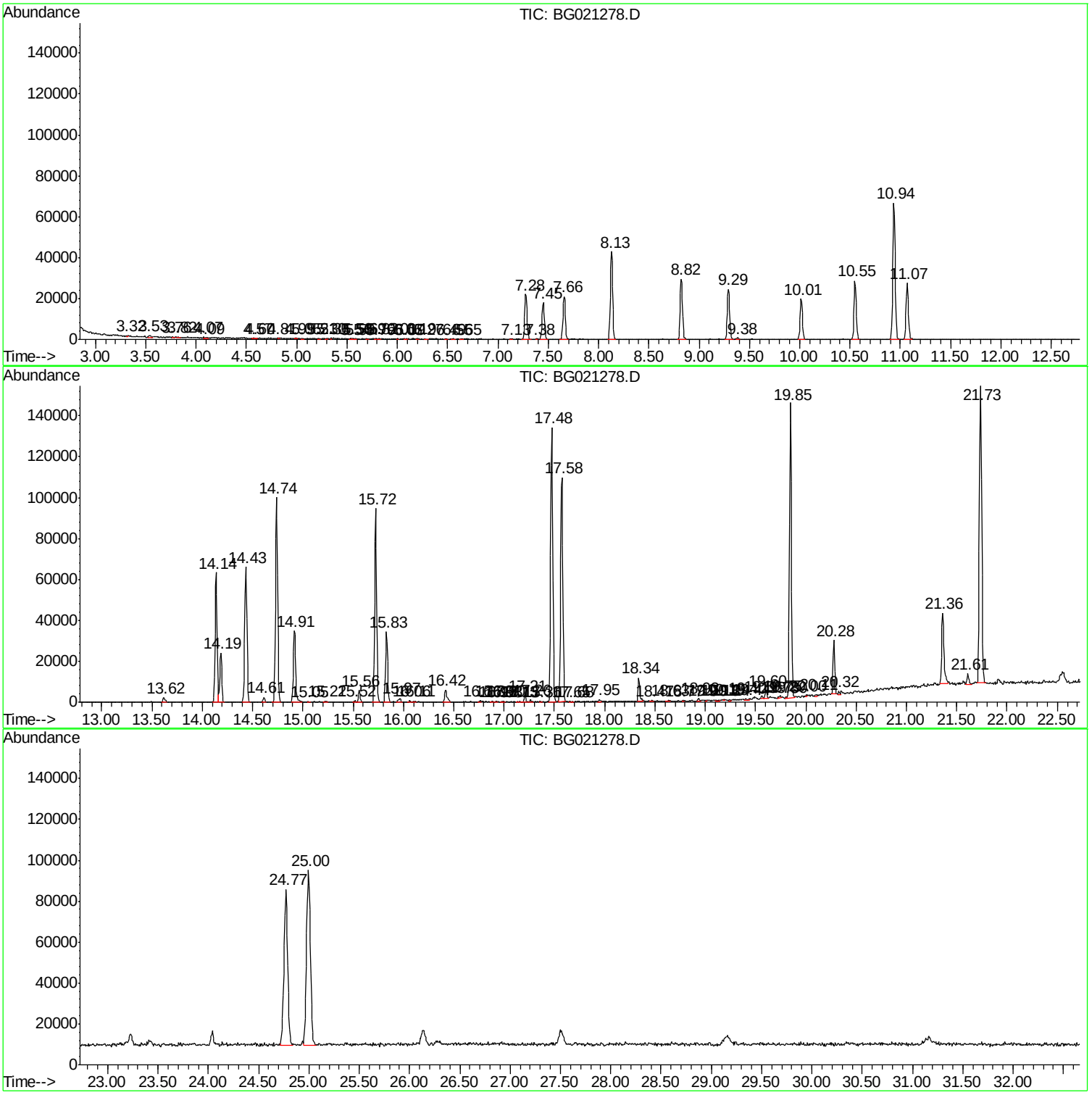
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG030316.M
Quant Title : SVOA CALIBRATION

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



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG030416\
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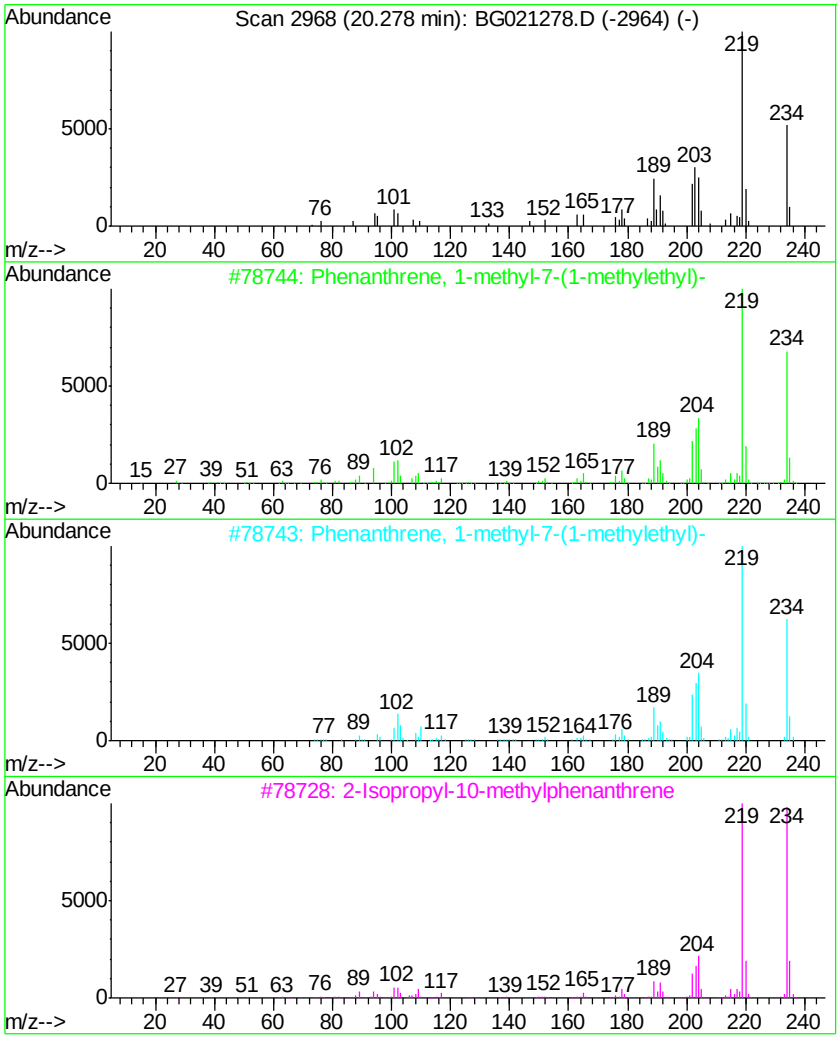
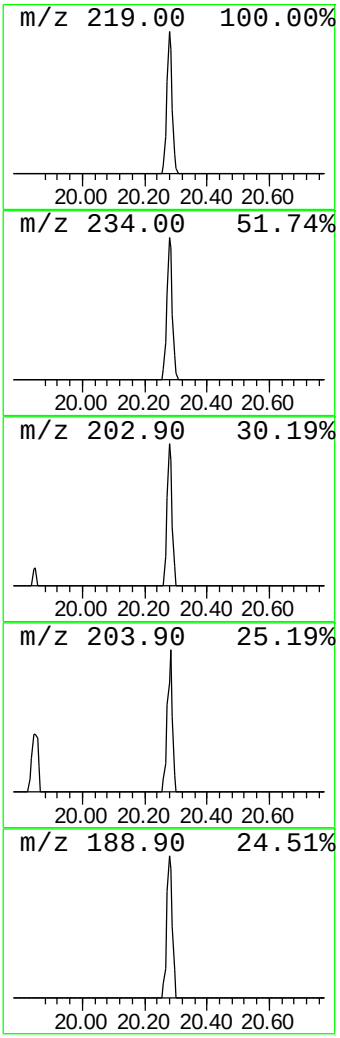
****

Peak Number 1 Phenanthrene, 1-methyl-7-(1... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.28	2.67 ng/ul	31770	Chrysene-d12	21.73

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-7-(1-meth...	234	C18H18	000483-65-8	93
2	Phenanthrene, 1-methyl-7-(1-meth...	234	C18H18	000483-65-8	93
3	2-Isopropyl-10-methylphenanthrene	234	C18H18	066552-97-4	91
4	Phenanthrene, 1-methyl-7-(1-meth...	234	C18H18	000483-65-8	80
5	Phenanthrene, 1-methyl-7-(1-meth...	234	C18H18	000483-65-8	72





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

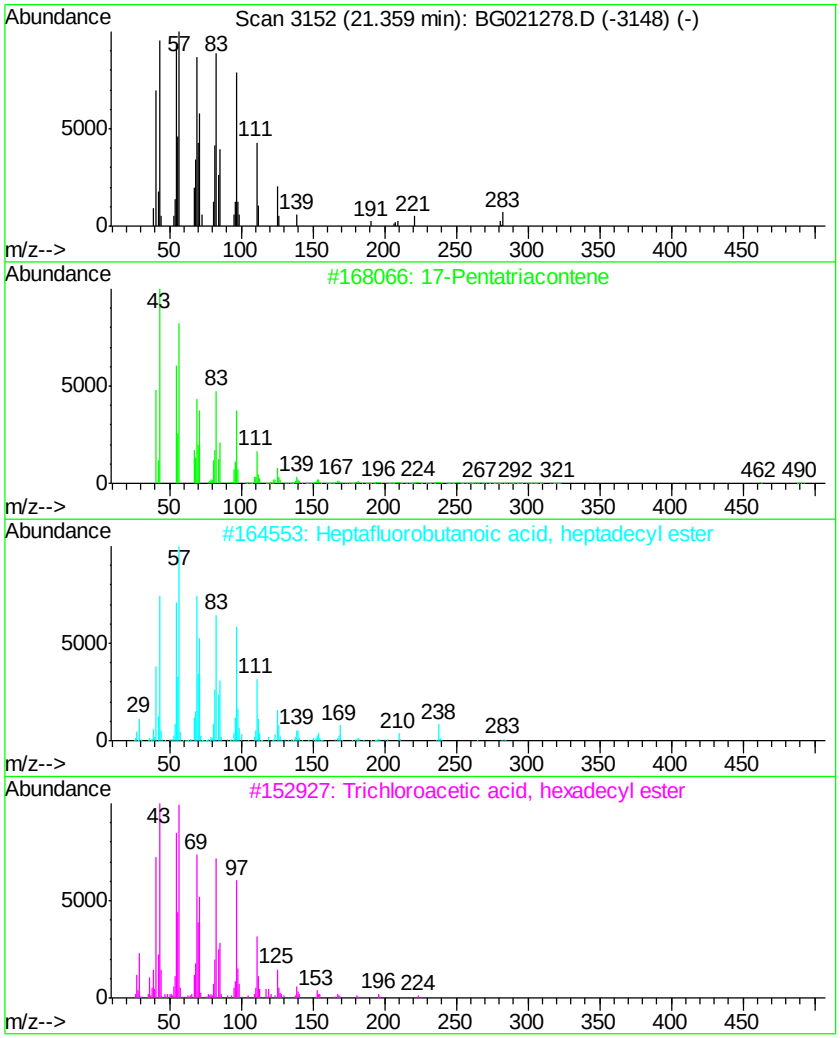
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

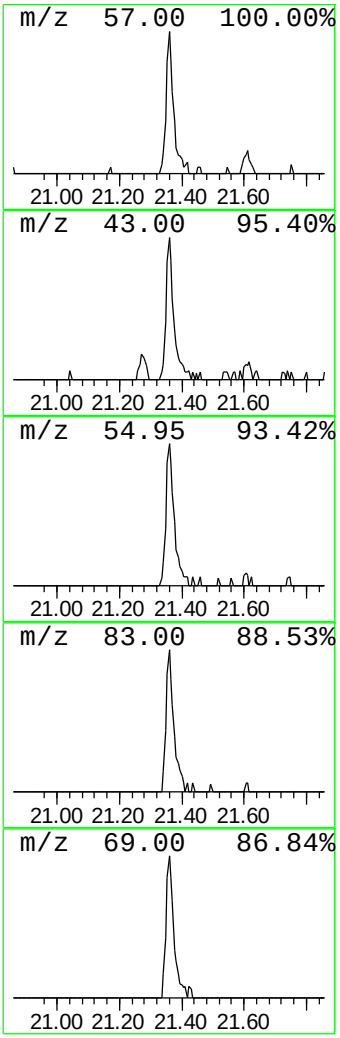
****

Peak Number 2 (DEL) Alkane: Cyclic21.36 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.36	4.54 ng/ul	54014	Chrysene-d12	21.73

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	17-Pentatriacontene	491	C35H70	006971-40-0	91
2	Heptafluorobutanoic acid, heptad...	452	C21H35F7O2	1000282-97-3	91
3	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	90
4	Trichloroacetic acid, pentadecyl...	372	C17H31Cl3O2	074339-53-0	87
5	Bromoacetic acid, hexadecyl ester	362	C18H35BrO2	005454-48-8	83





Tentatively Identified Compound (LSC) summary

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Quant Title : SVOA CALIBRATION

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TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Phenanthrene, 1-m...	20.28	2.7	ng/ul	31770	5	21.73	237758	20.0
(DEL) Alkane: Cyc...	21.36	4.5	ng/ul	54014	5	21.73	237758	20.0