LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM022121\
Data File : BM028854.D
Acq On : 20 Feb 2021 22:00
Operator : CG/JU
Sample : M1415-20
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DBH10

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_M\METHODS\SOM-EPA-BM022121MA.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	3.158	26	29	35	rVB	3683	4594	1.33%	0.090%
2	3.716	121	124	127	rBV	1471	1629	0.47%	0.032%
3	3.822	138	142	148	rBB2	1189	1940	0.56%	0.038%
4	3.922	155	159	164	rBB	3012	3924	1.14%	0.077%
5	4.881	319	322	325	rBB	840	887	0.26%	0.017%
6	7.016	679	685	695	rBB	83047	134603	38.94%	2.639%
7	7.163	704	710	719	rBB	60682	92593	26.79%	1.815%
8	7.357	738	743	752	rBB	85208	133825	38.71%	2.623%
9	7.445	756	758	767	rVB	2093	2986	0.86%	0.059%
10	7.828	817	823	830	rBB	83061	127543	36.90%	2.500%
11	8.563	942	948	958	rBB	92662	142082	41.10%	2.785%
12	9.004	1017	1023	1032	rBB	75810	120818	34.95%	2.368%
13	9.369	1081	1085	1088	rBB	1034	1070	0.31%	0.021%
14	9.722	1139	1145	1153	rBB	66144	104559	30.25%	2.050%
15	10.269	1232	1238	1246	rBB	99401	165092	47.76%	3.236%
16	10.410	1258	1262	1265	rBB	526	763	0.22%	0.015%
17	10.633	1293	1300	1307	rBB	118513	194273	56.20%	3.808%
18	10.786	1320	1326	1337	rBV	71681	122007	35.30%	2.392%
19	12.222	1567	1570	1574	rBB	1036	1330	0.38%	0.026%
20	13.292	1749	1752	1754	rBV	1549	1798	0.52%	0.035%
21	13.316	1754	1756	1761	rVV3	2148	2886	0.83%	0.057%
22	13.374	1761	1766	1772	rVB	30058	41437	11.99%	0.812%
23	13.539	1789	1794	1798	rBB	14873	21028	6.08%	0.412%
24	13.904	1850	1856	1860	rBV	173250	228558	66.12%	4.481%
25	13.951	1860	1864	1869	rVB	26203	33109	9.58%	0.649%
26	14.133	1891	1895	1897	rBV2	2760	3723	1.08%	0.073%
27	14.180	1897	1903	1912	rVV	204377	290333	83.99%	5.692%
28	14.269	1915	1918	1921	rBB	1039	983	0.28%	0.019%
29	14.369	1932	1935	1937	rBB	1114	1027	0.30%	0.020%
30	14.486	1948	1955	1962	rBB2	175969	252356	73.00%	4.947%
31	14.733	1992	1997	2011	rBB	60847	85756	24.81%	1.681%
32	15.274	2086	2089	2091	rBB	733	774	0.22%	0.015%
33	15.316	2092	2096	2099	rBB2	1288	1534	0.44%	0.030%
34	15.480	2118	2124	2131	rBB	251470	341262	98.72%	6.690%

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ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_M
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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_M\METHODS\SOM-EPA-BM022121MA.M
Title : SVOA CALIBRATION

35	15.627	2144	2149	2156	rVB	66526	90030	26.04%	1.765%
36	15.721	2161	2165	2168	rBB	1455	2020	0.58%	0.040%
37	15.880	2186	2192	2195	rBB	1658	2302	0.67%	0.045%
38	16.027	2213	2217	2218	rBB	855	937	0.27%	0.018%
39	16.145	2234	2237	2240	rVB2	583	625	0.18%	0.012%
40	16.186	2240	2244	2245	rBV	1289	1196	0.35%	0.023%
41	16.363	2270	2274	2277	rBB3	1273	1687	0.49%	0.033%
42	16.439	2284	2287	2293	rVB	3580	4517	1.31%	0.089%
43	16.598	2310	2314	2316	rBV2	1335	1027	0.30%	0.020%
44	16.633	2316	2320	2324	rVB2	2379	2835	0.82%	0.056%
45	16.704	2329	2332	2336	rBV	860	1047	0.30%	0.021%
46	16.921	2365	2369	2370	rBV	722	727	0.21%	0.014%
47	16.951	2370	2374	2375	rVV	964	1315	0.38%	0.026%
48	16.968	2375	2377	2379	rVV	1185	1299	0.38%	0.025%
49	16.992	2379	2381	2383	rVV2	701	765	0.22%	0.015%
50	17.027	2383	2387	2394	rVB6	1220	2420	0.70%	0.047%
51	17.080	2394	2396	2398	rBV2	631	651	0.19%	0.013%
52	17.133	2401	2405	2409	rBV4	1053	1533	0.44%	0.030%
53	17.227	2415	2421	2427	rVV	187273	262875	76.05%	5.153%
54	17.274	2427	2429	2432	rVV	1836	2032	0.59%	0.040%
55	17.327	2432	2438	2446	rVB2	245709	340664	98.55%	6.678%
56	17.392	2446	2449	2451	rBV2	595	784	0.23%	0.015%
57	17.457	2456	2460	2464	rVV3	2316	2807	0.81%	0.055%
58	17.568	2475	2479	2481	rVV3	991	1164	0.34%	0.023%
59	17.598	2482	2484	2487	rVB2	881	705	0.20%	0.014%
60	17.662	2493	2495	2498	rBV3	717	1038	0.30%	0.020%
61	17.715	2500	2504	2506	rVV3	869	1207	0.35%	0.024%
62	17.792	2515	2517	2520	rBV2	877	922	0.27%	0.018%
63	17.898	2532	2535	2536	rVB2	861	849	0.25%	0.017%
64	17.992	2545	2551	2558	rBV3	4906	8206	2.37%	0.161%
65	18.057	2558	2562	2567	rBV6	3489	5938	1.72%	0.116%
66	18.115	2567	2572	2577	rBV	43790	54346	15.72%	1.065%
67	18.168	2579	2581	2586	rVB6	2024	2981	0.86%	0.058%
68	18.257	2594	2596	2599	rVB3	2403	2196	0.64%	0.043%
69	18.304	2599	2604	2610	rVB2	16242	23015	6.66%	0.451%
70	18.404	2616	2621	2624	rBV3	5978	8950	2.59%	0.175%
71	18.462	2629	2631	2635	rVV5	1203	1526	0.44%	0.030%

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Sampling : 1 Min Area: 0.1 % of largest Peak
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Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM022121MA.M
Title : SVOA CALIBRATION

72	18.498	2635	2637	2640	rVB3	1959	1420	0.41%	0.028%
73	18.592	2649	2653	2658	rVB3	12937	19771	5.72%	0.388%
74	18.686	2660	2669	2675	rBV9	6748	15017	4.34%	0.294%
75	18.768	2681	2683	2686	rBV2	1999	1813	0.52%	0.036%
76	18.827	2689	2693	2695	rVV3	11906	15153	4.38%	0.297%
77	18.856	2695	2698	2703	rVB	35169	41814	12.10%	0.820%
78	18.909	2703	2707	2710	rBV6	2972	5197	1.50%	0.102%
79	18.945	2710	2713	2720	rVB3	9409	14114	4.08%	0.277%
80	19.021	2721	2726	2729	rBV7	3662	6193	1.79%	0.121%
81	19.051	2729	2731	2732	rBV2	1606	1016	0.29%	0.020%
82	19.098	2736	2739	2740	rBV3	1758	1851	0.54%	0.036%
83	19.156	2748	2749	2751	rBV2	1491	1333	0.39%	0.026%
84	19.209	2756	2758	2761	rBV3	2184	2670	0.77%	0.052%
85	19.256	2761	2766	2767	rBV2	3577	5514	1.60%	0.108%
86	19.392	2785	2789	2795	rBV4	12529	22029	6.37%	0.432%
87	19.498	2804	2807	2811	rBV2	4131	4947	1.43%	0.097%
88	19.609	2821	2826	2832	rBV	249774	345671	100.00%	6.776%
89	19.786	2855	2856	2860	rBV4	3256	2661	0.77%	0.052%
90	20.268	2934	2938	2941	rBV2	21738	28084	8.12%	0.551%
91	20.386	2955	2958	2963	rBV	21653	27641	8.00%	0.542%
92	20.474	2970	2973	2977	rBV3	13216	13234	3.83%	0.259%
93	20.574	2987	2990	2994	rVB	14259	15130	4.38%	0.297%
94	20.892	3041	3044	3049	rVB5	18806	22134	6.40%	0.434%
95	21.015	3062	3065	3069	rBV5	15394	20227	5.85%	0.397%
96	21.086	3073	3077	3085	rVV	73848	97732	28.27%	1.916%
97	21.186	3090	3094	3101	rVV2	103749	128253	37.10%	2.514%
98	21.386	3124	3128	3134	rVB	176932	221706	64.14%	4.346%
99	23.468	3476	3482	3491	rBV	167659	309247	89.46%	6.062%
100	23.609	3501	3506	3516	rVB2	115015	207300	59.97%	4.064%

Sum of corrected areas: 5101092

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Instrument : BNA_M
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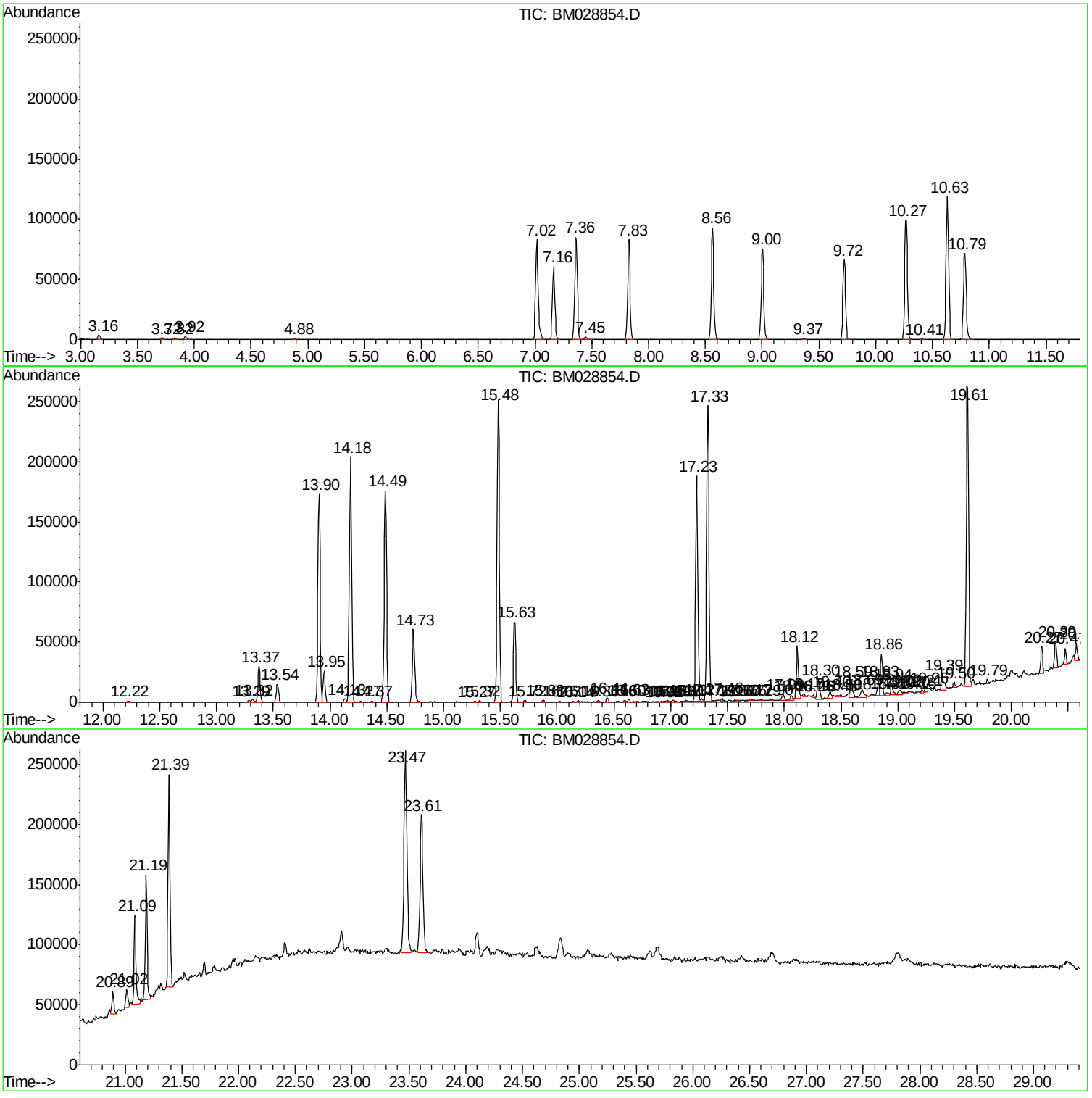
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM022121MA.M
Quant Title : SVOA CALIBRATION

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



Library Search Compound Report

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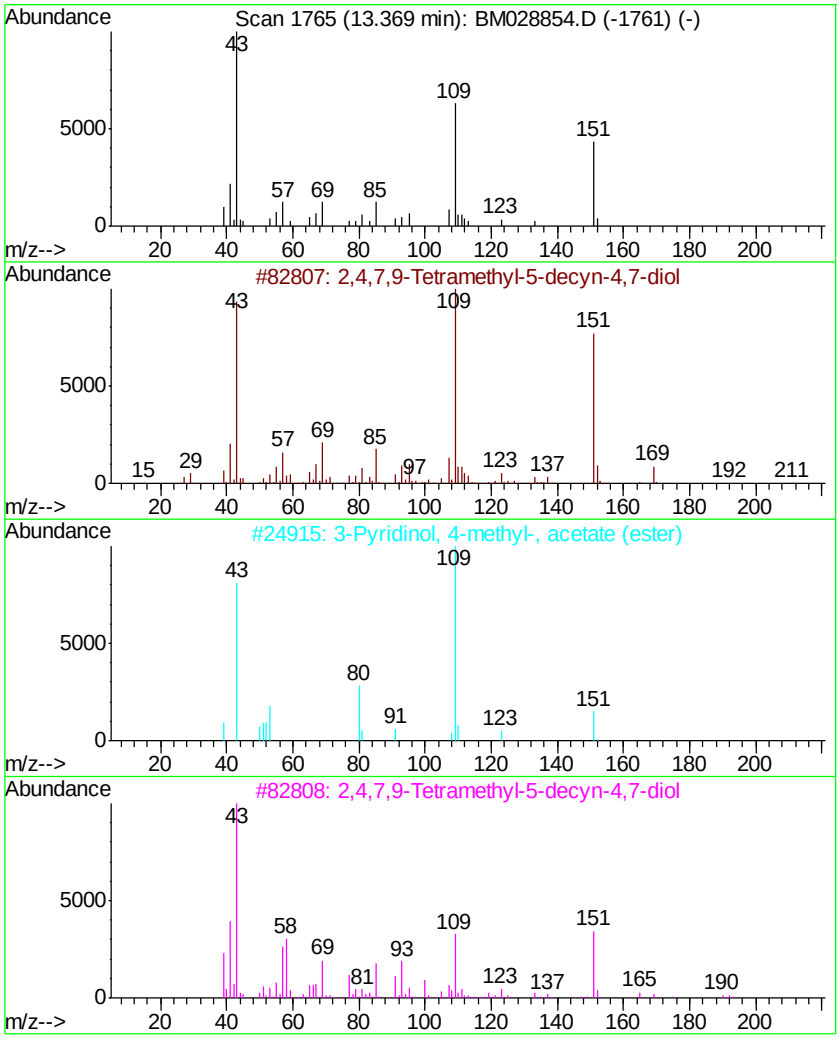
TIC Integration Parameters: LSCINT.P

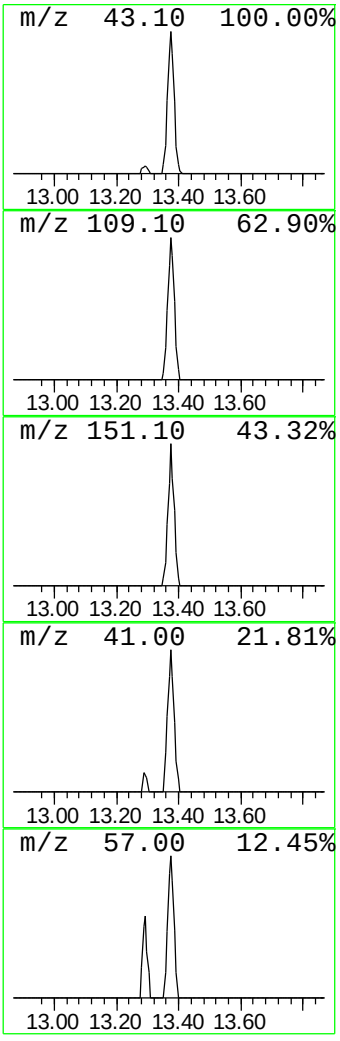
****

Peak Number 1 2,4,7,9-Tetramethyl-5-decyn... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.37	3.28 ng/ul	41437	Acenaphthene-d10	14.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,4,7,9-Tetramethyl-5-decyn-4,7-...	226	C14H26O2	000126-86-3	91
2	3-Pyridinol, 4-methyl-, acetate ...	151	C8H9NO2	001006-96-8	53
3	2,4,7,9-Tetramethyl-5-decyn-4,7-...	226	C14H26O2	000126-86-3	45
4	Butanamide, N-acetyl-N-(4-hydrox...	221	C12H15NO3	1000107-08-7	42
5	Pyridine, 3-butyl-, 1-oxide	151	C9H13NO	031396-33-5	36





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Sample : M1415-20
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DBH10

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM022121MA.M
Quant Title : SVOA CALIBRATION

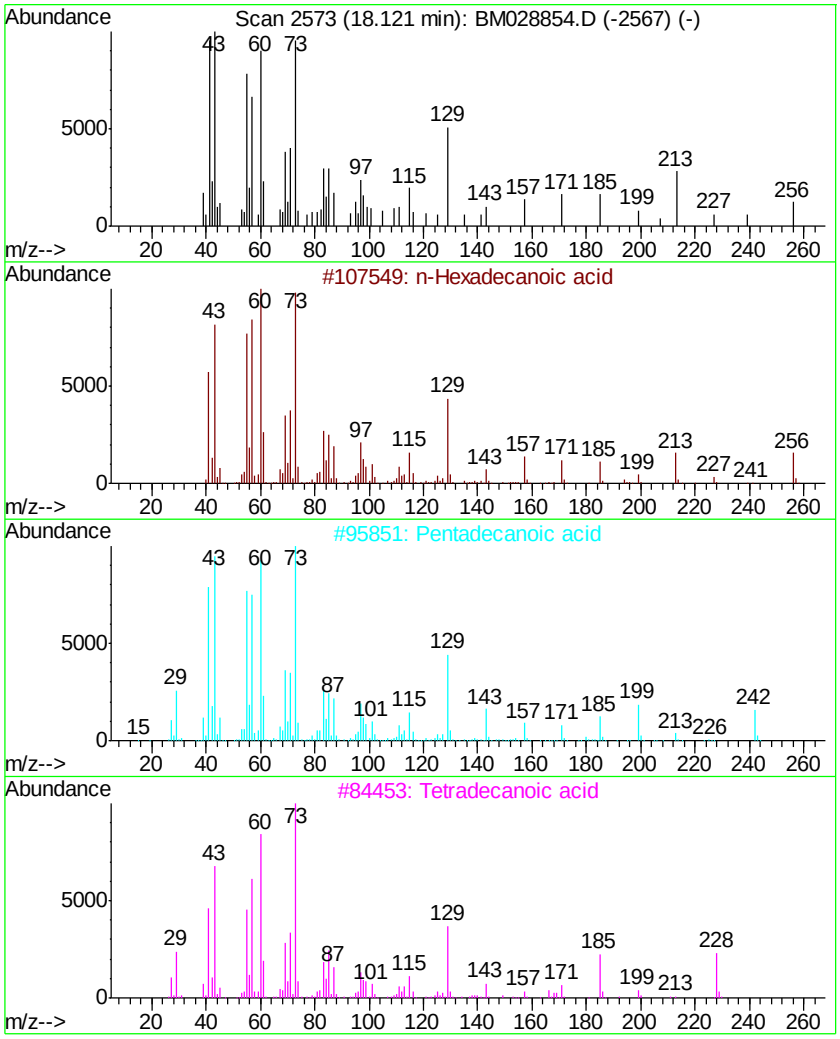
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

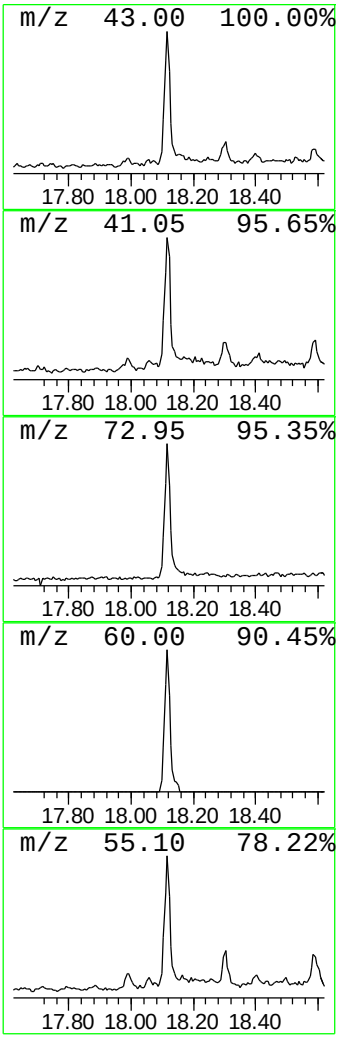
****

Peak Number 2 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.12	4.13 ng/ul	54346	Phenanthrene-d10	17.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	90
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	72
4	Tridecanoic acid	214	C13H26O2	000638-53-9	72
5	Pentadecanoic acid	242	C15H30O2	001002-84-2	72





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Quant Title : SVOA CALIBRATION

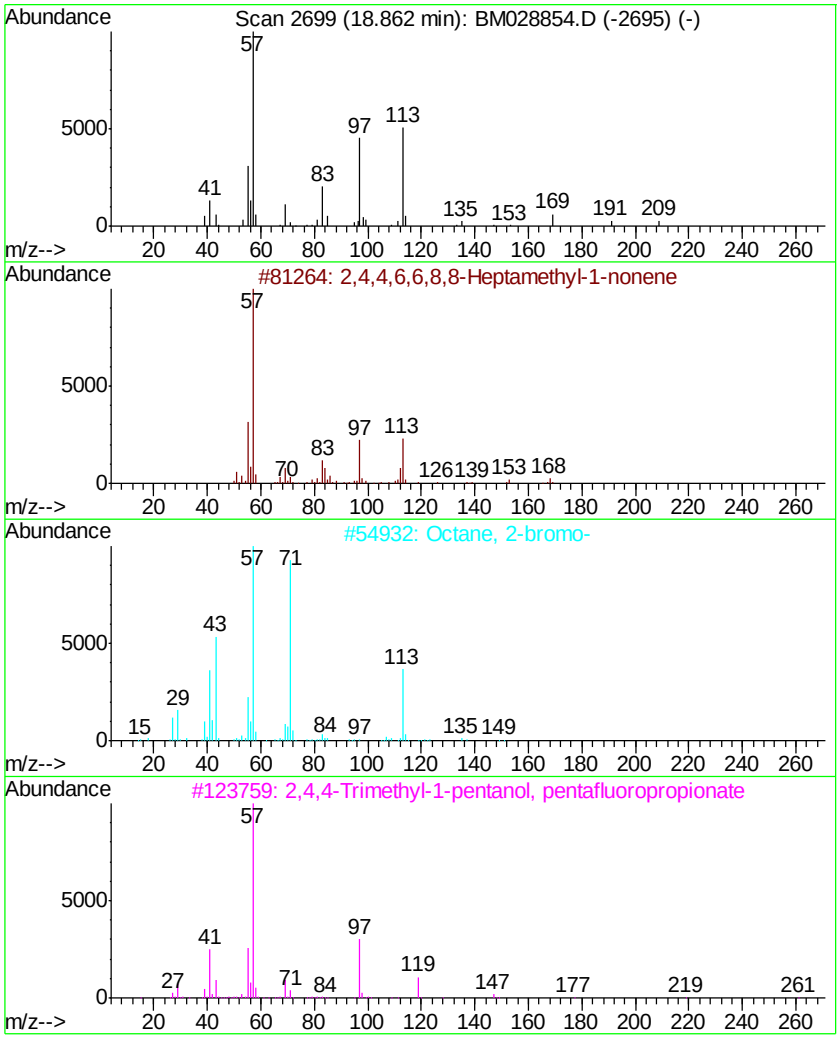
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

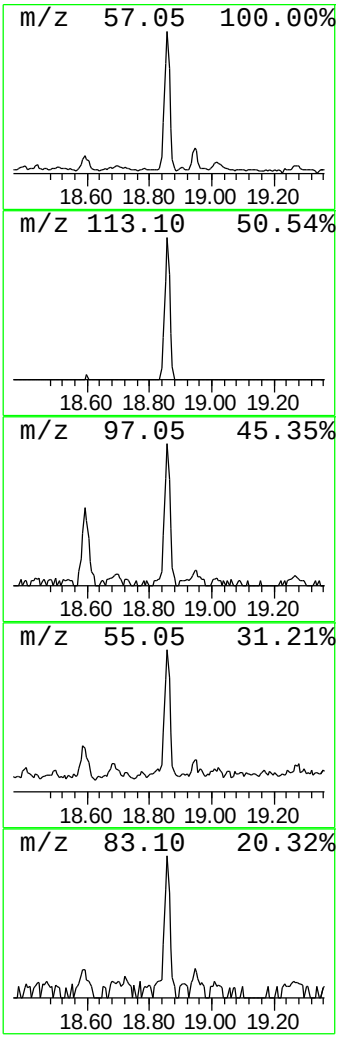
****

Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.86	3.18 ng/ul	41814	Phenanthrene-d10	17.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,4,4,6,6,8,8-Heptamethyl-1-nonene	224	C16H32	015796-04-0	59
2	Octane, 2-bromo-	192	C8H17Br	000557-35-7	38
3	2,4,4-Trimethyl-1-pentanol, pent...	276	C11H17F5O2	1000365-51-0	25
4	5,11-Diethyl-8-methyl-7,9-dioxap...	286	C18H38O2	1000334-83-1	23
5	Octane, 2-bromo-	192	C8H17Br	000557-35-7	22





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Quant Title : SVOA CALIBRATION

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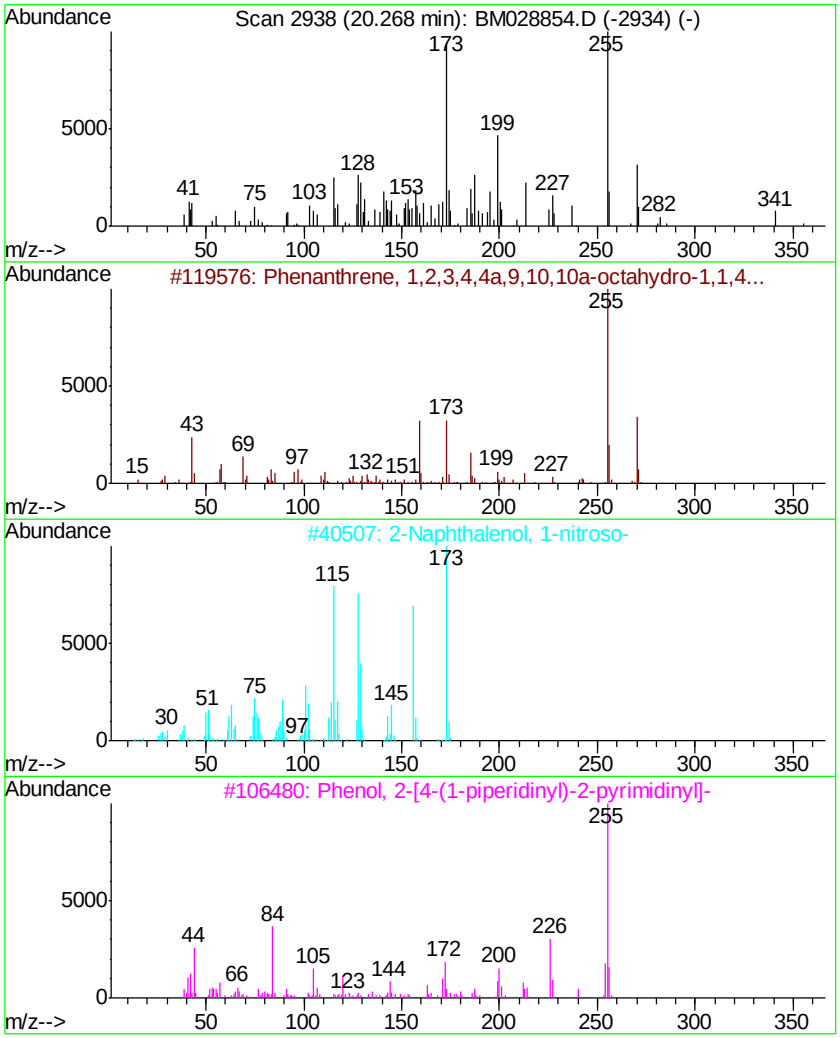
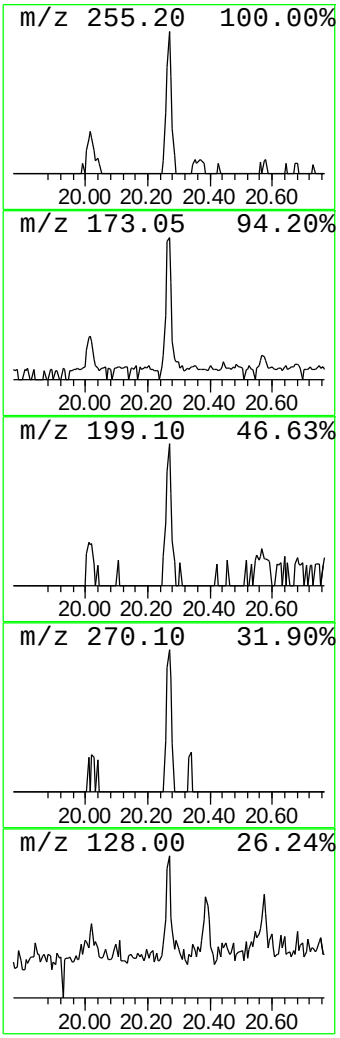
****

Peak Number 4 unknown-01 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.27	2.53 ng/ul	28084	Chrysene-d12	21.39

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1,2,3,4,4a,9,10,10...	270	C20H30	019407-28-4	30
2	2-Naphthalenol, 1-nitroso-	173	C10H7NO2	000131-91-9	22
3	Phenol, 2-[4-(1-piperidinyl)-2-p...	255	C15H17N3O	075634-06-9	18
4	1H-1,2,4-Triazole-3-carboxamide,...	255	C11H9N7O	1000338-08-5	18
5	Iron, (.eta.-5-cyclohexadienyl)(...	270	C16H22Fe	1000162-99-3	14





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Quant Title : SVOA CALIBRATION

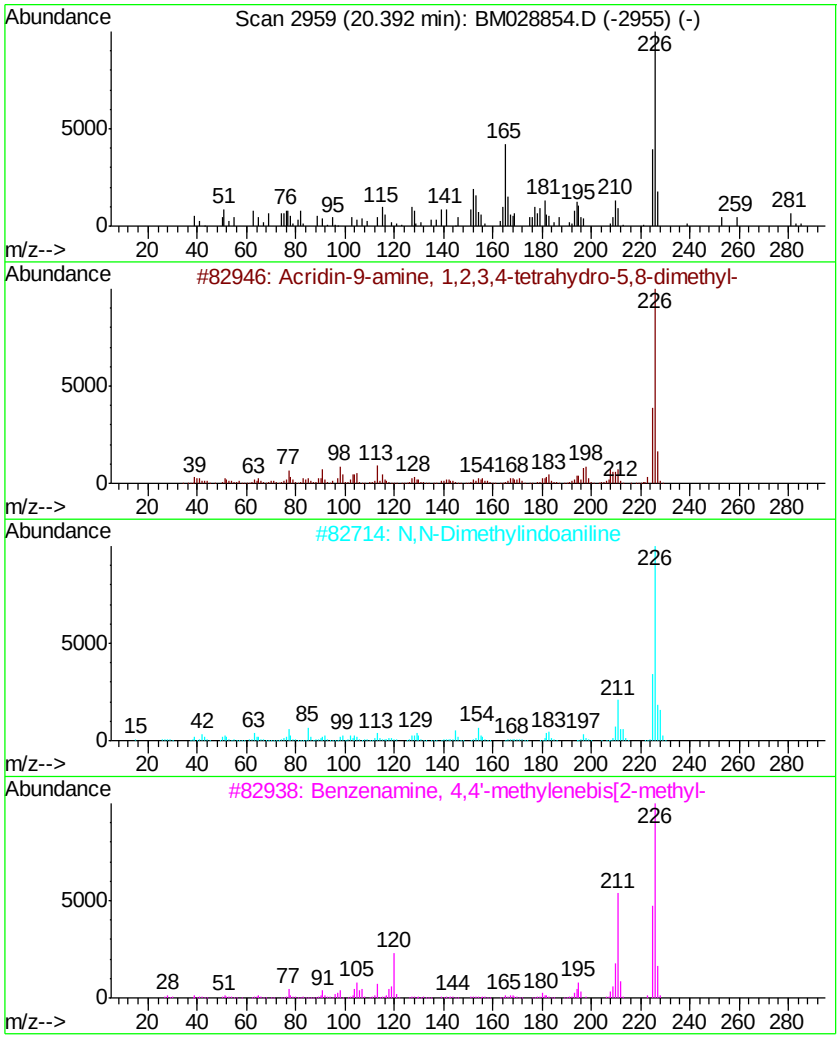
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

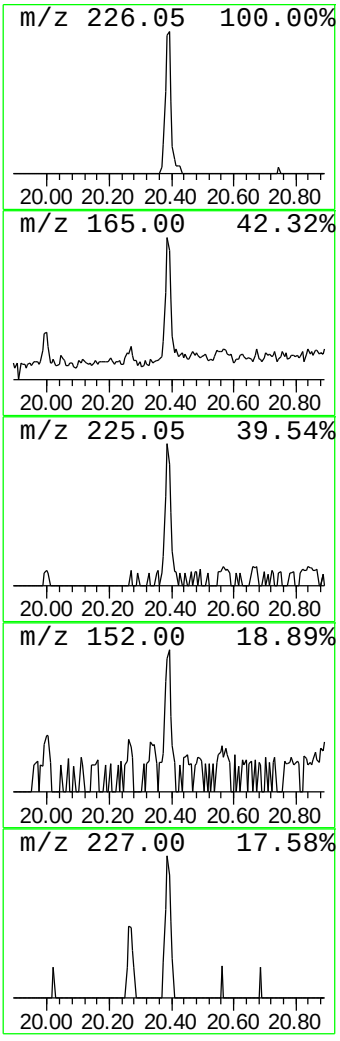
****

Peak Number 5 Acridin-9-amine, 1,2,3,4-te... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.39	2.49 ng/ul	27641	Chrysene-d12	21.39

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Acridin-9-amine, 1,2,3,4-tetrahy...	226	C15H18N2	297758-19-1	50
2	N,N-Dimethylindoaniline	226	C14H14N2O	002150-58-5	49
3	Benzenamine, 4,4'-methylenebis[2...	226	C15H18N2	000838-88-0	47
4	Benzenamine, 4,4'-methylenebis[2...	226	C15H18N2	000838-88-0	47
5	Benzenamine, 3-nitro-N-(phenylme...	226	C13H10N2O2	005341-44-6	45





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Acq On : 20 Feb 2021 22:00
Operator : CG/JU
Sample : M1415-20
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DBH10

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM022121MA.M
Quant Title : SVOA CALIBRATION

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

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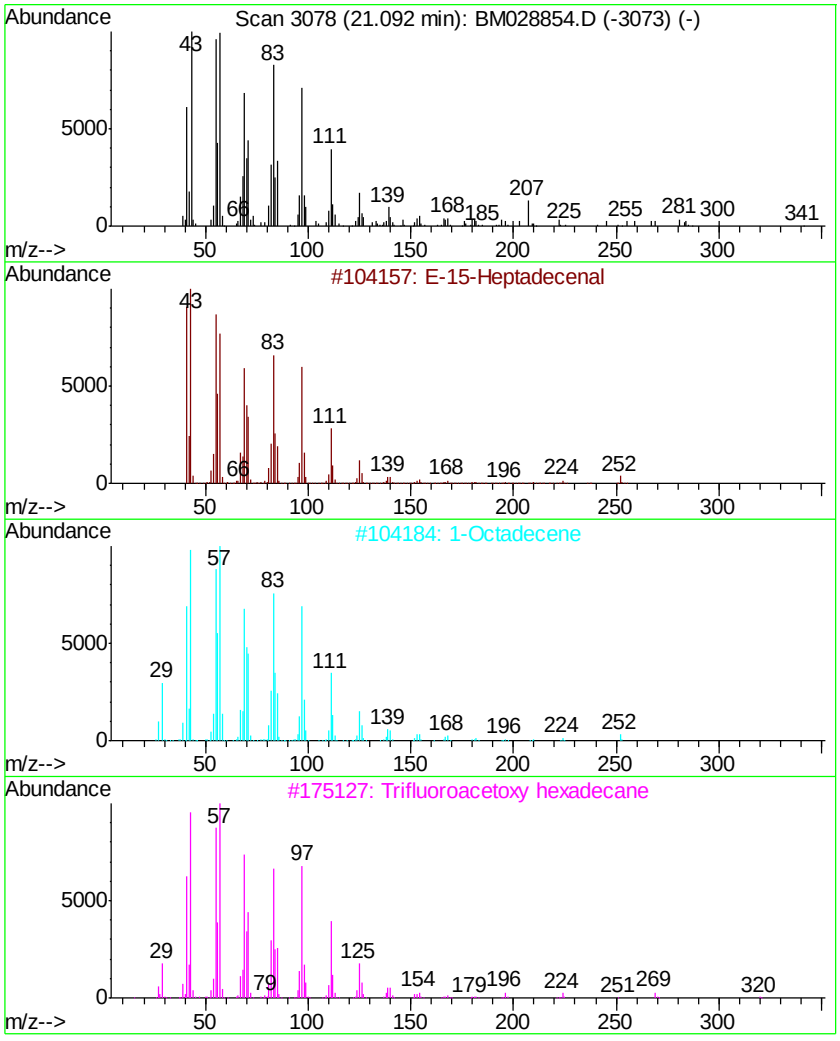
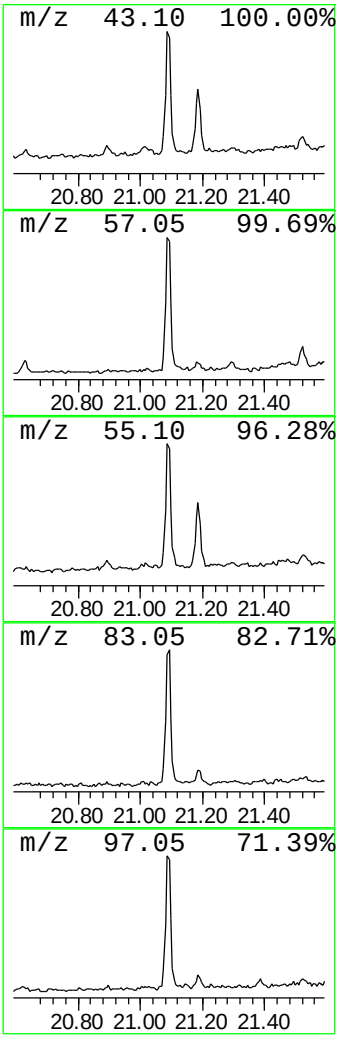
Peak Number 6 E-15-Heptadecenal Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.09	8.82 ng/ul	97732	Chrysene-d12	21.39

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	E-15-Heptadecenal	252	C17H32O	1000130-97-9	97
2	1-Octadecene	252	C18H36	000112-88-9	96
3	Trifluoroacetoxy hexadecane	338	C18H33F3O2	006222-03-3	95
4	Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	94
5	Pentafluoropropionic acid, penta...	374	C18H31F5O2	959092-08-1	94





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Data File : BM028854.D
Acq On : 20 Feb 2021 22:00
Operator : CG/JU
Sample : M1415-20
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DBH10

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM022121MA.M
Quant Title : SVOA CALIBRATION

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

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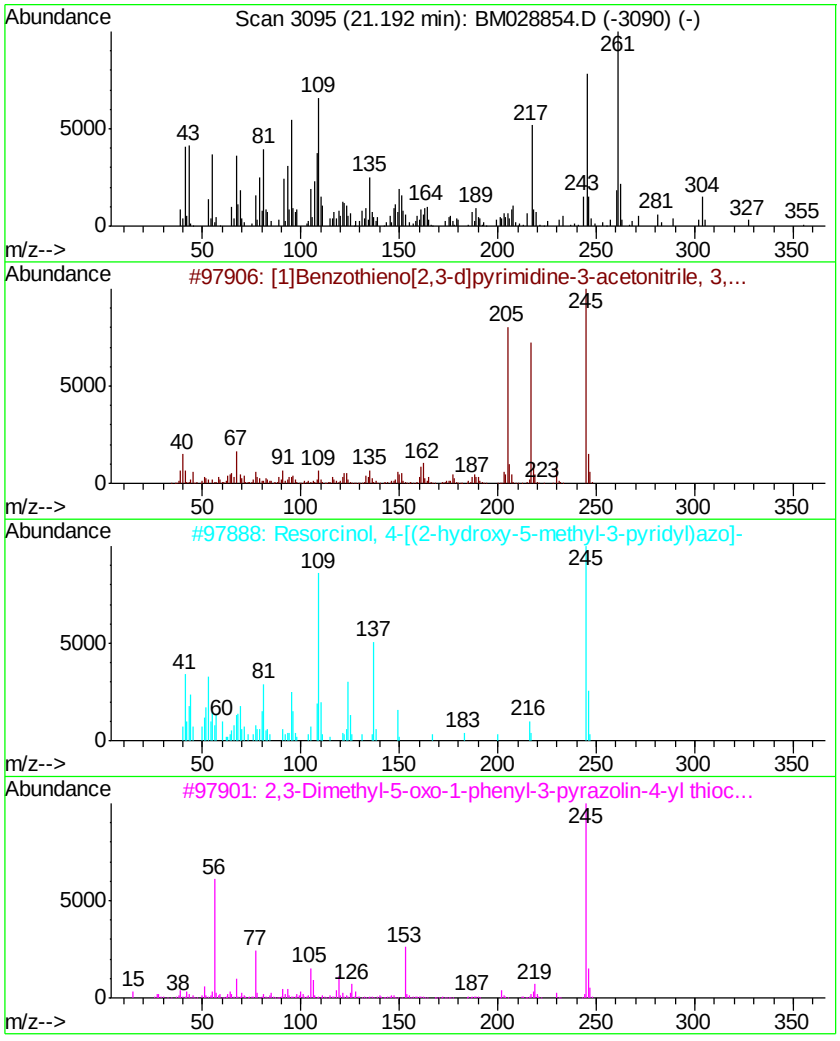
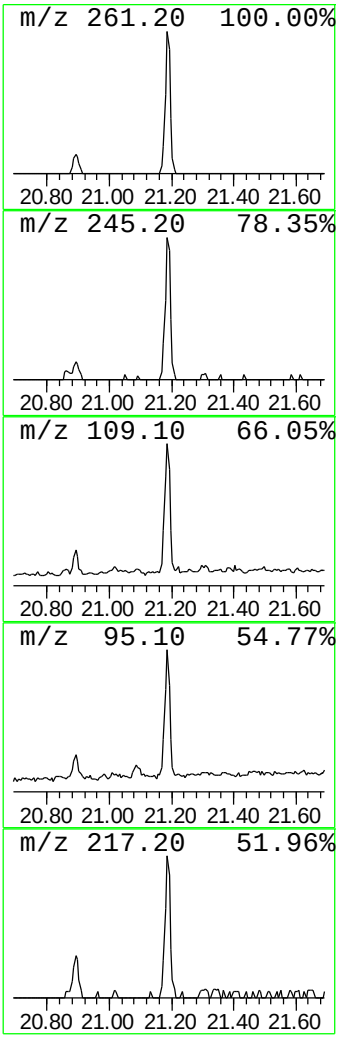
Peak Number 7 unknown-02 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.19	11.57 ng/ul	128253	Chrysene-d12	21.39

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	[1]Benzothieno[2,3-d]pyrimidine-...	245	C12H11N3OS	1000338-12-8	47
2	Resorcinol, 4-[(2-hydroxy-5-meth...	245	C12H11N3O3	021269-88-5	38
3	2,3-Dimethyl-5-oxo-1-phenyl-3-py...	245	C12H11N3OS	091397-05-6	25
4	2,3-Dimethyl-5-oxo-1-phenyl-3-py...	245	C12H11N3OS	091397-03-4	25
5	1H-Pyrazole-4-carboxylic acid, 1...	245	C13H15N3O2	1000304-51-2	22





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM022121\
Data File : BM028854.D
Acq On : 20 Feb 2021 22:00
Operator : CG/JU
Sample : M1415-20
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DBH10

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM022121MA.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
2,4,7,9-Tetrameth...	13.37	3.3	ng/ul	41437	3	14.49	252356	20.0
n-Hexadecanoic acid	18.12	4.1	ng/ul	54346	4	17.23	262875	20.0
(DEL) Alkane: Str...	18.86	3.2	ng/ul	41814	4	17.23	262875	20.0
unknown-01	20.27	2.5	ng/ul	28084	5	21.39	221706	20.0
Acridin-9-amine, ...	20.39	2.5	ng/ul	27641	5	21.39	221706	20.0
E-15-Heptadecenal	21.09	8.8	ng/ul	97732	5	21.39	221706	20.0
unknown-02	21.19	11.6	ng/ul	128253	5	21.39	221706	20.0