

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG111920\
 Data File : BG047374.D
 Acq On : 20 Nov 2020 9:55
 Operator : CG/JU
 Sample : L4793-09
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C0BG3

Integration Parameters: LSCINT.P

Integrator: RTE
 Smoothing : OFF
 Sampling : 1
 Start Thrs: 0.2
 Stop Thrs : 0

Filtering: 5
 Min Area: 0.1 % of largest Peak
 Max Peaks: 100
 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	3.611	42	46	52	rVB5	9952	17880	1.04%	0.126%
2	4.022	111	116	119	rBV4	2988	4776	0.28%	0.034%
3	4.386	176	178	183	rBV4	2382	3340	0.19%	0.024%
4	4.762	238	242	244	rBV3	2918	3531	0.21%	0.025%
5	5.056	288	292	293	rBV2	3490	3323	0.19%	0.023%
6	5.802	415	419	424	rBV	2852	4784	0.28%	0.034%
7	6.325	504	508	511	rVB	2920	2858	0.17%	0.020%
8	7.395	685	690	699	rVB2	54220	97871	5.71%	0.690%
9	7.583	714	722	733	rBV	126462	224342	13.08%	1.583%
10	7.800	752	759	766	rVB	161802	288547	16.82%	2.036%
11	8.276	833	840	846	rBV2	146596	260751	15.20%	1.839%
12	8.958	948	956	963	rBV2	139158	240656	14.03%	1.698%
13	9.057	970	973	976	rVB2	2522	3324	0.19%	0.023%
14	9.093	976	979	982	rBV2	2909	2708	0.16%	0.019%
15	9.369	1021	1026	1029	rBV	3108	4390	0.26%	0.031%
16	9.439	1031	1038	1048	rVB	197667	358270	20.89%	2.527%
17	9.851	1105	1108	1113	rBV2	3431	5243	0.31%	0.037%
18	10.168	1153	1162	1172	rBV2	174904	319792	18.65%	2.256%
19	10.585	1231	1233	1239	rBV2	1779	2537	0.15%	0.018%
20	10.703	1245	1253	1263	rVB	255144	460440	26.85%	3.248%
21	10.855	1275	1279	1281	rBV	2202	4046	0.24%	0.029%
22	10.985	1296	1301	1302	rBV2	1821	2953	0.17%	0.021%
23	11.102	1313	1321	1329	rVB	194801	353627	20.62%	2.495%
24	11.220	1334	1341	1348	rBV3	20886	39488	2.30%	0.279%
25	11.325	1356	1359	1361	rVB3	3181	2527	0.15%	0.018%
26	11.790	1433	1438	1442	rVB3	2090	3478	0.20%	0.025%
27	12.330	1528	1530	1534	rBV3	2984	4462	0.26%	0.031%
28	12.477	1552	1555	1558	rVB2	2848	2553	0.15%	0.018%
29	12.671	1582	1588	1589	rBV4	5240	8024	0.47%	0.057%
30	12.871	1619	1622	1626	rVB	2562	3336	0.19%	0.024%
31	13.587	1742	1744	1750	rBV	2228	2547	0.15%	0.018%
32	13.705	1762	1764	1766	rBV	3447	3277	0.19%	0.023%
33	13.793	1771	1779	1785	rVB4	6411	12748	0.74%	0.090%
34	13.846	1785	1788	1791	rBV	2876	3057	0.18%	0.022%

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35	14.275	1855	1861	1866	rBV	530889	770681	44.94%	5.437%
36	14.322	1866	1869	1876	rVB	24750	36953	2.15%	0.261%
37	14.398	1880	1882	1887	rBV	2312	3895	0.23%	0.027%
38	14.451	1887	1891	1892	rBV	2366	3018	0.18%	0.021%
39	14.580	1906	1913	1921	rVB	542838	852490	49.71%	6.014%
40	14.880	1953	1964	1971	rVB2	335926	576429	33.61%	4.066%
41	14.951	1971	1976	1982	rBV2	5312	8572	0.50%	0.060%
42	15.033	1984	1990	1998	rVB2	72653	113967	6.64%	0.804%
43	15.162	2010	2012	2016	rBV2	1954	2699	0.16%	0.019%
44	15.227	2020	2023	2025	rVB2	2756	3018	0.18%	0.021%
45	15.268	2029	2030	2035	rVB2	2724	2586	0.15%	0.018%
46	15.456	2058	2062	2067	rVB	2676	3749	0.22%	0.026%
47	15.532	2073	2075	2076	rBV	3058	2455	0.14%	0.017%
48	15.708	2102	2105	2108	rVB2	3358	3584	0.21%	0.025%
49	15.867	2125	2132	2139	rVB	713329	1129174	65.84%	7.966%
50	15.967	2143	2149	2155	rBV	258360	382543	22.30%	2.699%
51	16.108	2168	2173	2179	rVB3	10899	17690	1.03%	0.125%
52	16.214	2189	2191	2194	rBV3	3701	3042	0.18%	0.021%
53	16.443	2227	2230	2231	rBV3	3292	3045	0.18%	0.021%
54	16.531	2242	2245	2248	rBV2	4988	4369	0.25%	0.031%
55	16.566	2248	2251	2252	rBV2	3851	3559	0.21%	0.025%
56	16.637	2261	2263	2267	rBV3	3802	5244	0.31%	0.037%
57	16.807	2290	2292	2294	rVB3	2965	2518	0.15%	0.018%
58	16.848	2296	2299	2305	rVB4	7401	9183	0.54%	0.065%
59	16.925	2310	2312	2316	rVB2	2999	2941	0.17%	0.021%
60	17.201	2356	2359	2362	rBV4	4146	5001	0.29%	0.035%
61	17.295	2373	2375	2377	rBV	3671	3283	0.19%	0.023%
62	17.354	2383	2385	2388	rBV3	4575	5153	0.30%	0.036%
63	17.401	2392	2393	2400	rVB4	4015	4708	0.27%	0.033%
64	17.559	2416	2420	2421	rVB3	2469	2569	0.15%	0.018%
65	17.618	2424	2430	2437	rVV	460419	702935	40.99%	4.959%
66	17.718	2440	2447	2455	rVB	939478	1467308	85.55%	10.351%
67	17.912	2477	2480	2483	rVB4	3741	3825	0.22%	0.027%
68	17.976	2488	2491	2495	rBV2	3061	3891	0.23%	0.027%
69	18.012	2495	2497	2499	rBV2	3008	2876	0.17%	0.020%
70	18.100	2510	2512	2516	rVB3	5670	5273	0.31%	0.037%
71	18.200	2527	2529	2531	rBV2	2376	2908	0.17%	0.021%

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72	18.270	2536	2541	2548	rVB2	88242	119827	6.99%	0.845%
73	18.435	2567	2569	2571	rVB3	3708	3155	0.18%	0.022%
74	18.482	2574	2577	2582	rBV2	21305	32217	1.88%	0.227%
75	18.670	2605	2609	2611	rBV4	3553	4850	0.28%	0.034%
76	18.940	2653	2655	2657	rVB3	4275	3229	0.19%	0.023%
77	19.475	2745	2746	2750	rBV3	3431	4269	0.25%	0.030%
78	19.545	2756	2758	2761	rBV3	4364	4413	0.26%	0.031%
79	19.616	2765	2770	2776	rVV2	12934	24379	1.42%	0.172%
80	19.868	2810	2813	2820	rVB4	11883	17407	1.01%	0.123%
81	19.933	2822	2824	2825	rBV2	4210	3092	0.18%	0.022%
82	19.980	2826	2832	2839	rVB	1142635	1715099	100.00%	12.099%
83	20.033	2839	2841	2842	rBV2	4977	4091	0.24%	0.029%
84	20.068	2845	2847	2848	rBV2	3982	2555	0.15%	0.018%
85	20.321	2889	2890	2892	rVB2	6513	2662	0.16%	0.019%
86	20.344	2892	2894	2897	rBV4	4559	5886	0.34%	0.042%
87	20.385	2899	2901	2902	rBV2	4876	4155	0.24%	0.029%
88	20.426	2906	2908	2911	rVV4	4392	3474	0.20%	0.025%
89	21.513	3089	3093	3100	rBV3	100797	148349	8.65%	1.047%
90	21.772	3135	3137	3141	rVB5	16616	19273	1.12%	0.136%
91	21.895	3152	3158	3166	rVB2	433174	742806	43.31%	5.240%
92	22.101	3190	3193	3198	rVB6	17873	20511	1.20%	0.145%
93	22.741	3300	3302	3305	rBV4	12545	13885	0.81%	0.098%
94	24.351	3572	3576	3582	rVB6	26024	51402	3.00%	0.363%
95	25.062	3687	3697	3707	rVB	529907	1561849	91.06%	11.018%
96	25.297	3726	3737	3746	rBV2	235919	733536	42.77%	5.175%
97	25.579	3783	3785	3786	rBV	6699	3339	0.19%	0.024%
98	27.853	4170	4172	4173	rBV	6223	3178	0.19%	0.022%
99	31.901	4859	4861	4862	rBV2	8117	5535	0.32%	0.039%
100	32.183	4907	4909	4910	rVB2	7103	4070	0.24%	0.029%

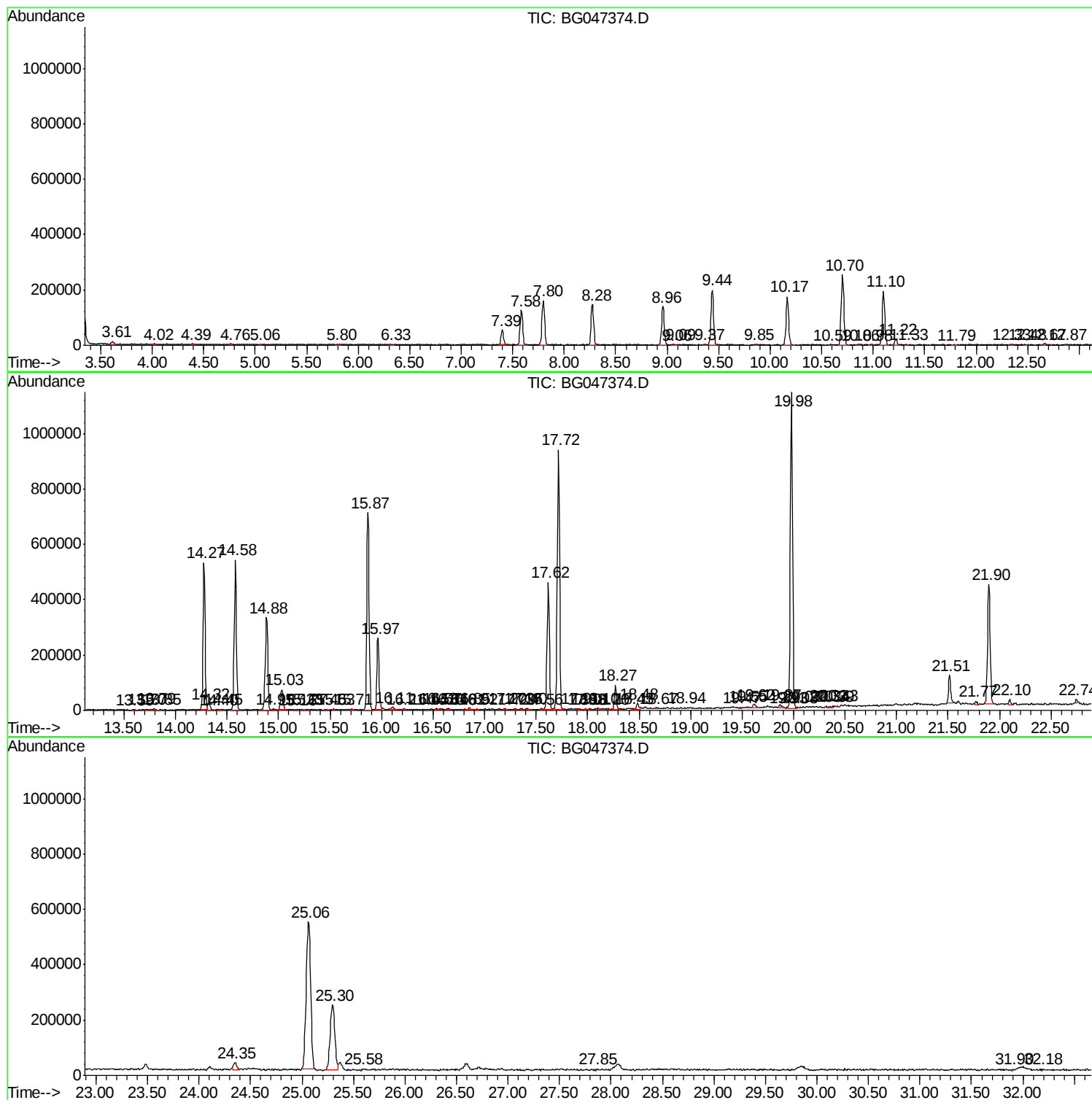
Sum of corrected areas: 14175113

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG111920MA.M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



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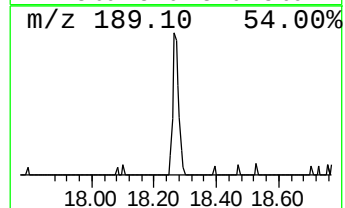
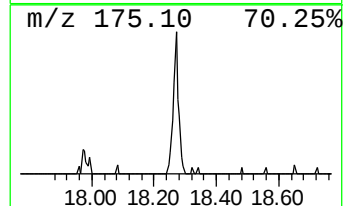
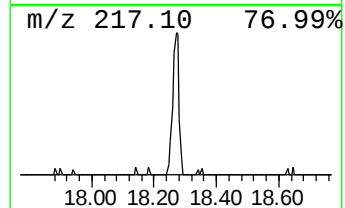
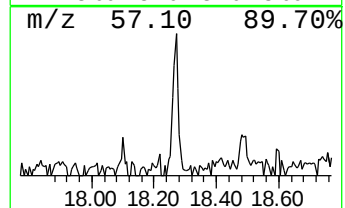
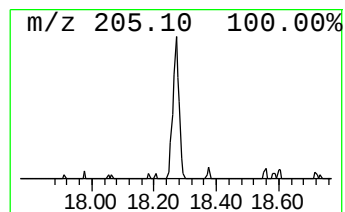
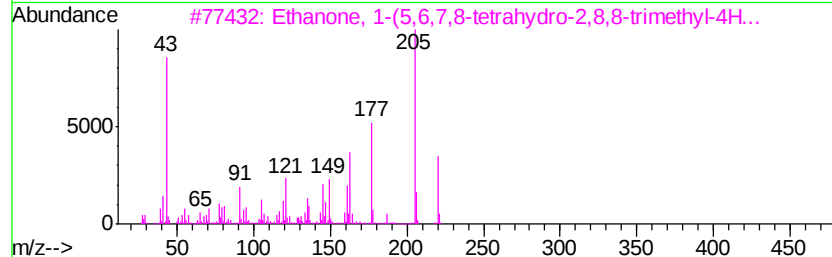
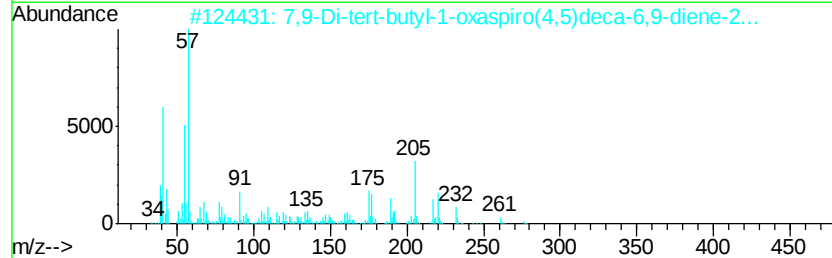
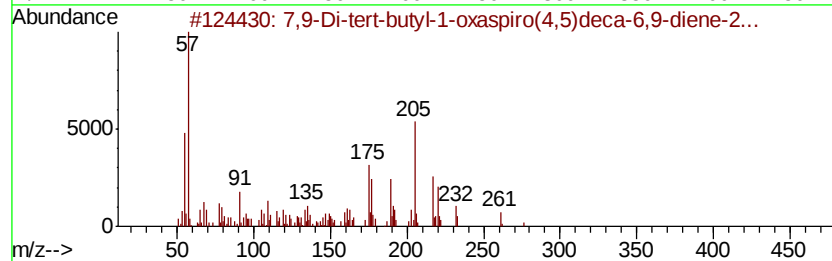
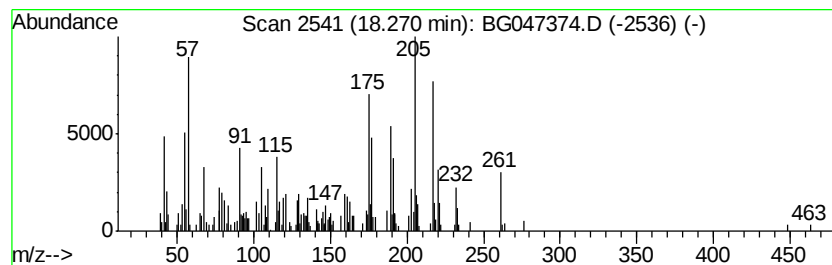
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG111920MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 7,9-Di-tert-butyl-1-oxaspiro... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.27	3.41 ng/ul	119827	Phenanthrene-d10	17.62

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			7,9-Di-tert-butyl-1-oxaspiro(4,5)deca-6,9-diene-2-one	276	C17H24O3	082304-66-3	94
2			7,9-Di-tert-butyl-1-oxaspiro(4,5)deca-6,9-diene-2-one	276	C17H24O3	082304-66-3	53
3			Ethanone, 1-(5,6,7,8-tetrahydro-2H-chromene-2-yl)-	220	C14H20O2	071596-88-8	51
4			2,5-Cyclohexadien-1-one, 2,6-bis(4-methylphenyl)-	232	C16H24O	006738-27-8	46
5			2,4-Dimethyl-5,6-dimethoxy-8-aminonaphthalene	232	C13H16N2O2	064993-02-8	38



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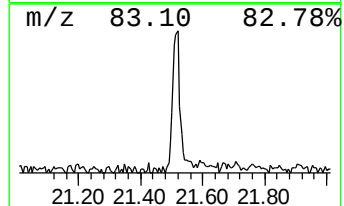
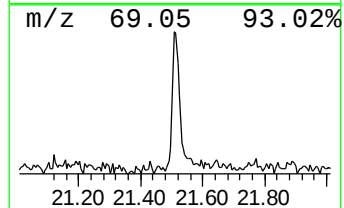
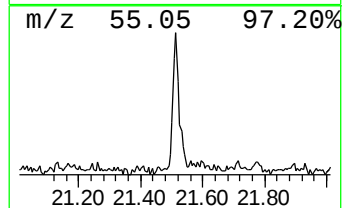
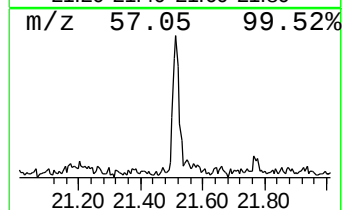
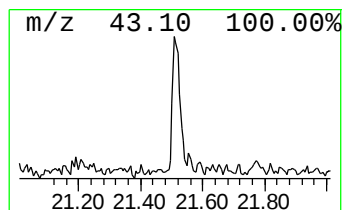
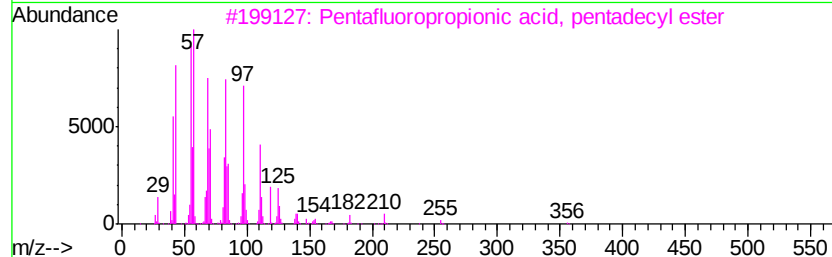
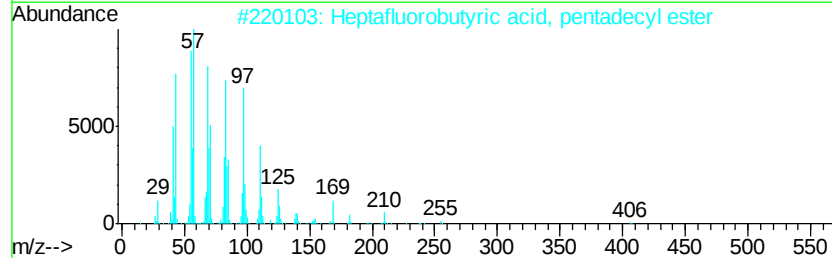
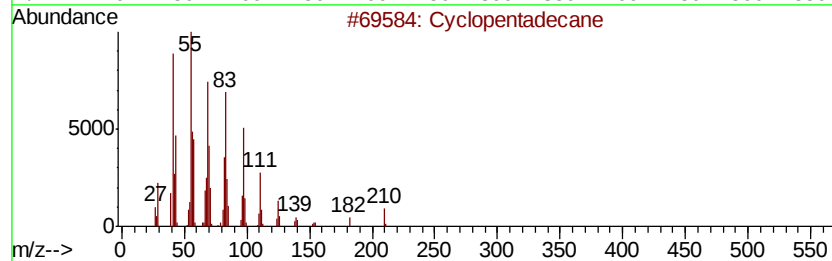
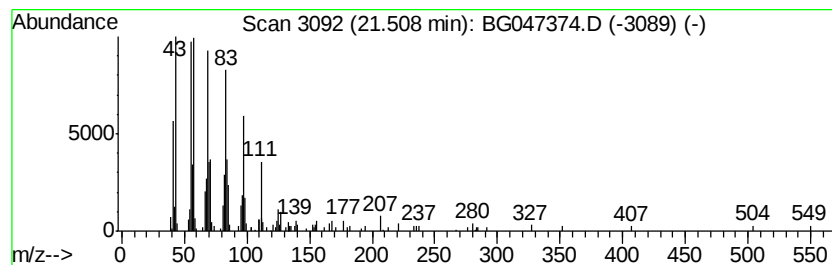
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Peak Number 2 (DEL) Alkane: Cyclic21.51 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.51	3.99 ng/ul	148349	Chrysene-d12	21.90

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclopentadecane	210	C15H30	000295-48-7	89
2		Heptafluorobutyric acid, pentade...	424	C19H31F7O2	959261-23-5	87
3		Pentafluoropropionic acid, penta...	374	C18H31F5O2	959092-08-1	87
4		1-Heptacosanol	396	C27H56O	002004-39-9	87
5		n-Tetracosanol-1	354	C24H50O	000506-51-4	83



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
7,9-Di-tert-butyl...	18.27	3.4	ng/ul	119827	4	17.62	702935	20.0
(DEL) Alkane: Cyc...	21.51	4.0	ng/ul	148349	5	21.90	742806	20.0