

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM011516\
 Data File : BM004021.D
 Acq On : 14 Jan 2016 20:20
 Operator : SJ/UM
 Sample : H1099-04
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BC997

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:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM010116.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	3.128	4	7	12	rVB	5639	6933	0.68%	0.064%
2	3.557	76	80	84	rVB3	2120	3306	0.33%	0.030%
3	3.652	92	96	101	rVB	9335	10889	1.08%	0.100%
4	4.093	169	171	174	rBV	1844	1923	0.19%	0.018%
5	4.787	283	289	294	rVB2	4711	6965	0.69%	0.064%
6	6.845	632	639	649	rBV	150584	242008	23.91%	2.218%
7	6.998	659	665	676	rBB	116343	180123	17.80%	1.651%
8	7.198	693	699	708	rVB	158928	242071	23.92%	2.219%
9	7.663	772	778	786	rVB	142147	218369	21.58%	2.001%
10	8.375	894	899	910	rVB	148250	234838	23.20%	2.152%
11	8.487	914	918	923	rBB	9902	14304	1.41%	0.131%
12	8.822	969	975	984	rBB	146637	230188	22.74%	2.110%
13	8.969	997	1000	1003	rBV	1924	2764	0.27%	0.025%
14	9.234	1042	1045	1048	rBB	1612	1667	0.16%	0.015%
15	9.539	1092	1097	1105	rBB	118667	194925	19.26%	1.787%
16	10.081	1183	1189	1199	rBV	196235	314218	31.05%	2.880%
17	10.451	1245	1252	1260	rBB	222488	363828	35.95%	3.335%
18	10.592	1270	1276	1290	rBV	147233	248132	24.52%	2.274%
19	11.986	1508	1513	1519	rBB	16682	25964	2.57%	0.238%
20	12.045	1520	1523	1527	rBB	2139	3007	0.30%	0.028%
21	13.733	1804	1810	1814	rBV	382891	519095	51.29%	4.758%
22	13.780	1814	1818	1825	rVB	207242	272283	26.90%	2.496%
23	14.010	1851	1857	1866	rBV	436300	632460	62.49%	5.797%
24	14.221	1889	1893	1896	rBB	9809	11785	1.16%	0.108%
25	14.321	1904	1910	1917	rBB2	340848	502167	49.61%	4.603%
26	14.539	1942	1947	1964	rBB	122700	189705	18.74%	1.739%
27	14.686	1970	1972	1975	rVB2	1813	1835	0.18%	0.017%
28	14.839	1995	1998	2000	rBB	2496	2660	0.26%	0.024%
29	15.121	2043	2046	2049	rBV	1812	2419	0.24%	0.022%
30	15.174	2050	2055	2059	rVB	19911	22973	2.27%	0.211%
31	15.316	2073	2079	2087	rBV	566485	809241	79.95%	7.417%
32	15.451	2097	2102	2109	rBB	128585	165069	16.31%	1.513%
33	15.563	2116	2121	2123	rBV2	6524	10122	1.00%	0.093%
34	15.674	2138	2140	2142	rBB	1708	1460	0.14%	0.013%

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35	15.727	2147	2149	2153	rBB	2271	2320	0.23%	0.021%
36	15.792	2158	2160	2163	rBB	2656	2487	0.25%	0.023%
37	16.039	2197	2202	2213	rBV	20246	35042	3.46%	0.321%
38	16.386	2257	2261	2264	rBV2	2321	3762	0.37%	0.034%
39	16.615	2295	2300	2303	rBV	6221	6840	0.68%	0.063%
40	16.827	2333	2336	2340	rBV	11518	13606	1.34%	0.125%
41	16.880	2340	2345	2351	rVB3	3031	5925	0.59%	0.054%
42	17.068	2371	2377	2382	rBV2	406975	588540	58.15%	5.394%
43	17.110	2382	2384	2388	rVV	27372	33513	3.31%	0.307%
44	17.168	2388	2394	2408	rVB2	601984	852729	84.25%	7.816%
45	17.568	2457	2462	2465	rBV	5144	6012	0.59%	0.055%
46	17.657	2472	2477	2479	rBB2	1271	1539	0.15%	0.014%
47	17.745	2489	2492	2494	rBV2	1371	1546	0.15%	0.014%
48	17.945	2522	2526	2528	rVV	6947	9987	0.99%	0.092%
49	17.968	2528	2530	2532	rVV	8596	9295	0.92%	0.085%
50	17.998	2532	2535	2539	rVV	8287	10593	1.05%	0.097%
51	18.074	2545	2548	2551	rBV	1460	1953	0.19%	0.018%
52	18.139	2553	2559	2563	rVV2	10139	16788	1.66%	0.154%
53	18.180	2563	2566	2572	rVV	5952	7695	0.76%	0.071%
54	18.451	2609	2612	2615	rBV	2768	3238	0.32%	0.030%
55	18.498	2617	2620	2625	rVV	2229	2828	0.28%	0.026%
56	18.698	2651	2654	2657	rBV	1343	1495	0.15%	0.014%
57	18.751	2659	2663	2665	rVV	2003	1993	0.20%	0.018%
58	18.874	2679	2684	2688	rBV	5586	7888	0.78%	0.072%
59	18.927	2690	2693	2698	rVV3	2652	4821	0.48%	0.044%
60	19.015	2703	2708	2718	rBV5	2357	5361	0.53%	0.049%
61	19.104	2720	2723	2725	rBV	5329	6376	0.63%	0.058%
62	19.139	2725	2729	2734	rVB	55725	70196	6.94%	0.643%
63	19.362	2762	2767	2774	rVB2	4109	6565	0.65%	0.060%
64	19.474	2780	2786	2799	rBV2	697344	1012128	100.00%	9.276%
65	19.580	2800	2804	2808	rVB2	2252	2981	0.29%	0.027%
66	19.686	2819	2822	2829	rVB	1462	1710	0.17%	0.016%
67	19.751	2829	2833	2837	rBV	3260	4281	0.42%	0.039%
68	19.839	2842	2848	2852	rBV2	3970	7569	0.75%	0.069%
69	20.003	2871	2876	2881	rVB2	8805	17457	1.72%	0.160%
70	20.103	2889	2893	2897	rVB	5309	6330	0.63%	0.058%
71	20.162	2897	2903	2907	rBV2	7363	9882	0.98%	0.091%

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72	20.303	2921	2927	2931	rBV	6295	8380	0.83%	0.077%
73	20.345	2931	2934	2938	rVV	5864	6650	0.66%	0.061%
74	20.515	2960	2963	2967	rBV	8986	9322	0.92%	0.085%
75	20.603	2973	2978	2980	rBV2	1457	2317	0.23%	0.021%
76	20.633	2980	2983	2986	rVB	2076	2609	0.26%	0.024%
77	20.756	3001	3004	3008	rVB2	3246	3908	0.39%	0.036%
78	20.921	3028	3032	3035	rVB2	2476	3166	0.31%	0.029%
79	20.980	3035	3042	3053	rBV4	82731	123130	12.17%	1.129%
80	21.186	3074	3077	3081	rVB	3643	3567	0.35%	0.033%
81	21.274	3085	3092	3096	rBV	439209	584558	57.76%	5.358%
82	21.309	3096	3098	3104	rVB	27550	29238	2.89%	0.268%
83	21.386	3107	3111	3113	rBV4	4240	5088	0.50%	0.047%
84	21.421	3113	3117	3124	rVB2	26018	30454	3.01%	0.279%
85	21.574	3141	3143	3144	rBV2	3203	2290	0.23%	0.021%
86	21.639	3152	3154	3156	rVB2	2057	1559	0.15%	0.014%
87	21.821	3180	3185	3187	rBV2	6127	9465	0.94%	0.087%
88	21.850	3187	3190	3192	rBV	24162	26015	2.57%	0.238%
89	22.021	3215	3219	3222	rBV2	4026	5981	0.59%	0.055%
90	22.309	3263	3268	3277	rBV	31942	43414	4.29%	0.398%
91	22.439	3287	3290	3294	rVB2	5222	6982	0.69%	0.064%
92	22.768	3344	3346	3349	rBV	3414	4764	0.47%	0.044%
93	22.815	3349	3354	3369	rVB3	39677	105466	10.42%	0.967%
94	23.315	3434	3439	3441	rBV	10153	16560	1.64%	0.152%
95	23.368	3441	3448	3463	rVB	408062	776524	76.72%	7.117%
96	23.509	3464	3472	3489	rVV	253302	474603	46.89%	4.350%
97	24.015	3551	3558	3567	rVB	28461	56471	5.58%	0.518%
98	24.744	3677	3682	3689	rBV2	17080	37486	3.70%	0.344%
99	25.609	3823	3829	3838	rVB3	13680	33903	3.35%	0.311%
100	26.621	3996	4001	4009	rVB2	8926	23852	2.36%	0.219%

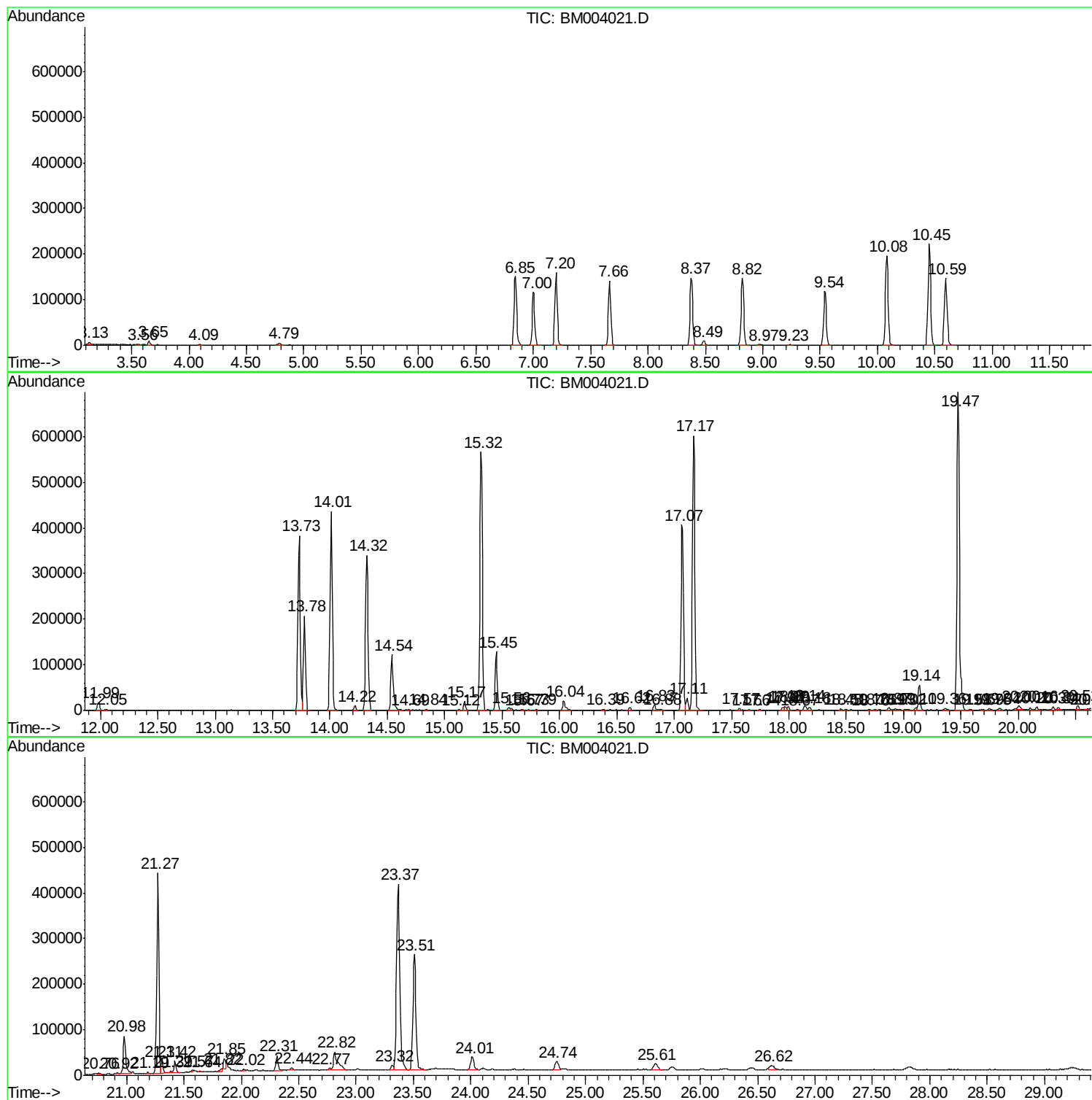
Sum of corrected areas: 10910689

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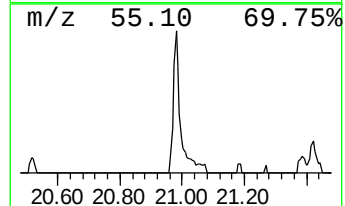
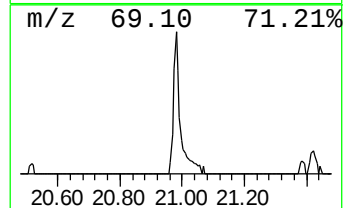
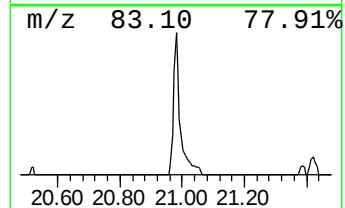
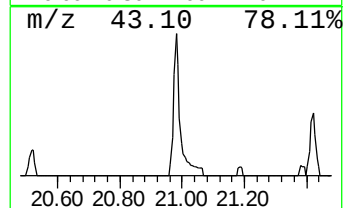
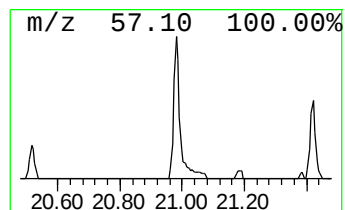
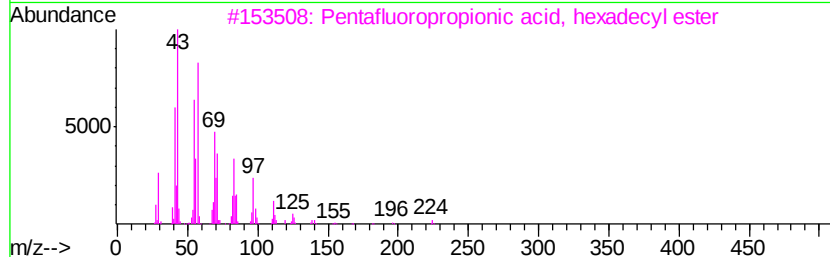
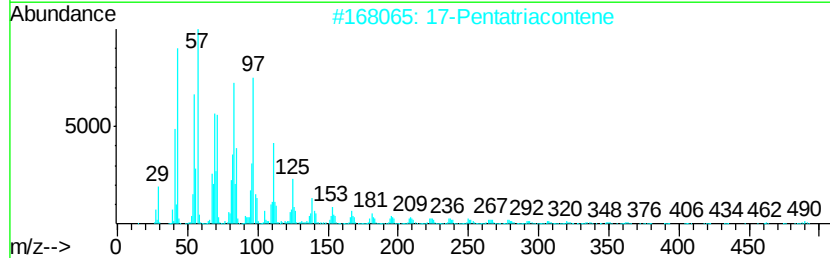
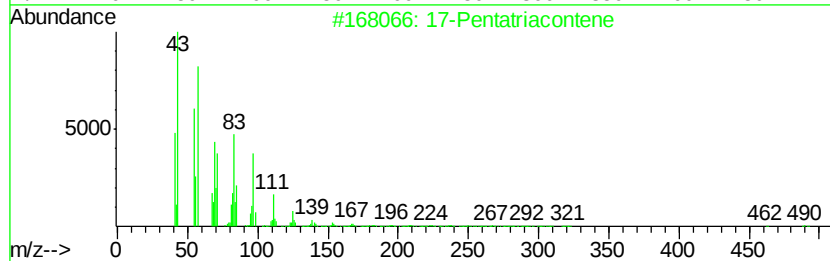
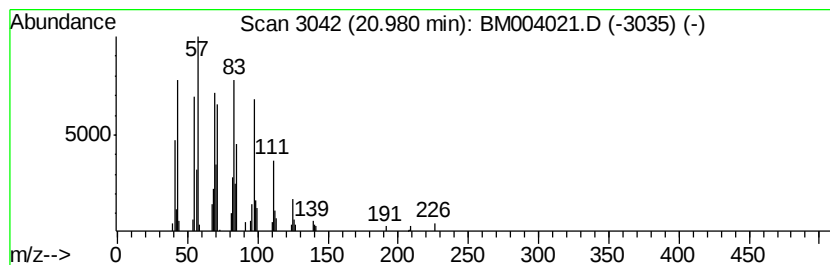
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Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM010116.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 (DEL) Alkane: Cyclic20.98 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.98	4.21 ng/ul	123130	Chrysene-d12	21.27
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	17-Pentatriacontene	491	C35H70	006971-40-0 91
2	17-Pentatriacontene	491	C35H70	006971-40-0 91
3	Pentafluoropropionic acid, hexad...	388	C19H33F5O2	006222-07-7 90
4	Pentafluoropropionic acid, octad...	416	C21H37F5O2	1000280-07-7 87
5	Heptafluorobutyric acid, n-penta...	424	C19H31F7O2	1000216-79-3 87



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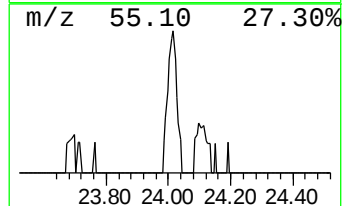
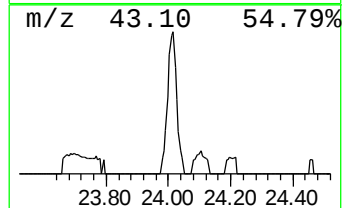
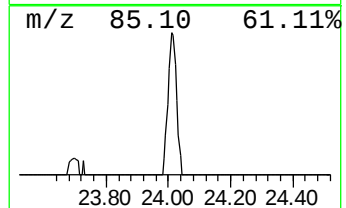
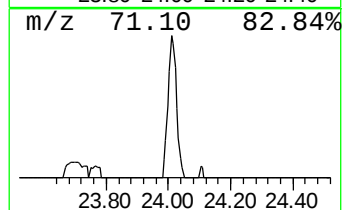
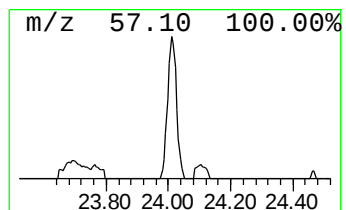
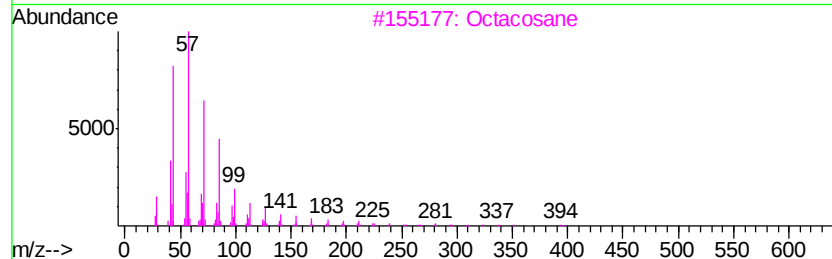
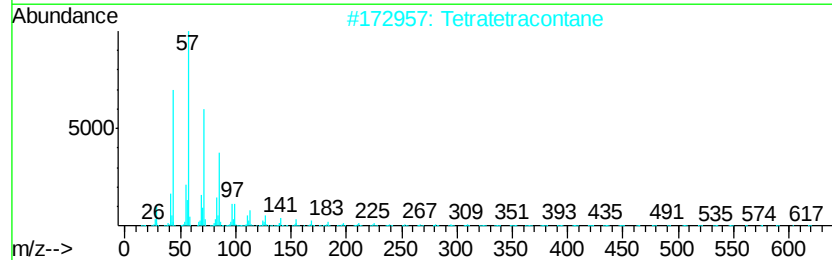
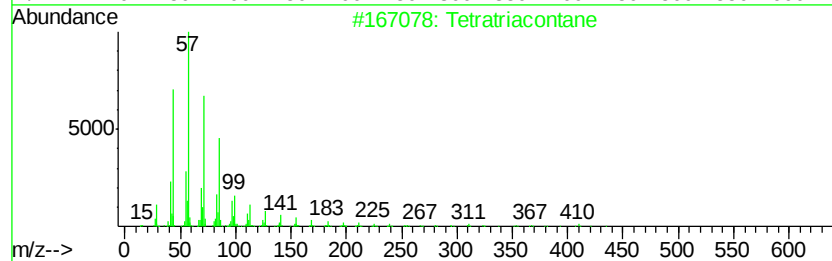
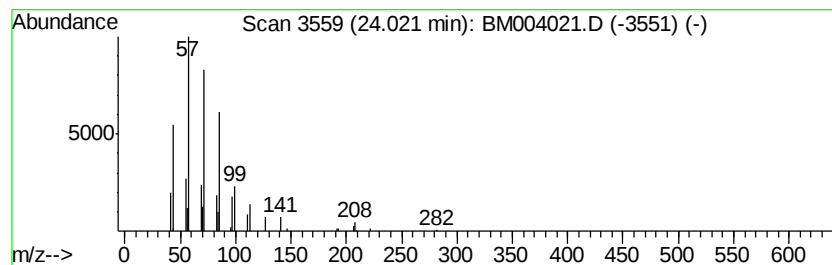
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Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.02	2.38 ng/ul	56471	Perylene-d12	23.51

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tetratriacontane	479	C34H70	014167-59-0	91
2		Tetratetracontane	619	C44H90	007098-22-8	90
3		Octacosane	394	C28H58	000630-02-4	90
4		Heneicosane	296	C21H44	000629-94-7	86
5		Octacosane	394	C28H58	000630-02-4	83



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
(DEL) Alkane: Cyc...	20.98	4.2	ng/ul	123130	5	21.27	584558	20.0
(DEL) Alkane: Str...	24.02	2.4	ng/ul	56471	6	23.51	474603	20.0