

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM021320\
 Data File : BM024859.D
 Acq On : 13 Feb 2020 17:25
 Operator : CG/JU
 Sample : L1404-02
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 CB6M6

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_M\METHODS\SOM-EPA-BM020620MA.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	3.046	22	27	33	rVB5	12890	28050	0.71%	0.077%
2	3.522	102	108	116	rBV5	13214	28371	0.72%	0.078%
3	3.640	126	128	131	rBV4	4295	4631	0.12%	0.013%
4	3.722	137	142	150	rBV2	26376	62492	1.59%	0.171%
5	3.946	178	180	183	rVB3	4117	4892	0.12%	0.013%
6	4.081	198	203	207	rVB7	6600	12385	0.31%	0.034%
7	4.605	287	292	298	rBV	16384	30845	0.78%	0.085%
8	5.481	438	441	443	rBV4	6823	6570	0.17%	0.018%
9	5.516	445	447	452	rVB4	6875	8380	0.21%	0.023%
10	6.598	625	631	643	rVB	284239	492602	12.50%	1.351%
11	6.751	649	657	666	rBV	300182	486089	12.34%	1.333%
12	6.940	683	689	698	rBV	358063	595892	15.12%	1.635%
13	7.057	704	709	712	rVB7	7183	11457	0.29%	0.031%
14	7.398	758	767	776	rBV	1042681	1719953	43.65%	4.718%
15	7.487	778	782	788	rVB7	6654	12829	0.33%	0.035%
16	8.110	882	888	897	rBV	294469	488964	12.41%	1.341%
17	8.216	901	906	910	rVB2	8679	14124	0.36%	0.039%
18	8.534	954	960	969	rBV	322575	542259	13.76%	1.488%
19	8.722	988	992	997	rBV4	15204	23141	0.59%	0.063%
20	9.022	1038	1043	1049	rBV2	26346	39824	1.01%	0.109%
21	9.251	1075	1082	1090	rBV	259946	443919	11.27%	1.218%
22	9.787	1165	1173	1187	rBV	369264	686130	17.41%	1.882%
23	10.145	1228	1234	1251	rBV	1271077	2180734	55.35%	5.982%
24	10.292	1252	1259	1276	rVV	274227	578685	14.69%	1.588%
25	10.569	1302	1306	1308	rBV4	3795	5596	0.14%	0.015%
26	11.222	1413	1417	1419	rBV3	3783	6120	0.16%	0.017%
27	11.633	1480	1487	1492	rBV7	4745	7357	0.19%	0.020%
28	11.751	1503	1507	1513	rBV4	7917	14135	0.36%	0.039%
29	11.828	1516	1520	1526	rVB6	5566	10869	0.28%	0.030%
30	12.051	1554	1558	1564	rVB4	4945	8461	0.21%	0.023%
31	12.898	1697	1702	1709	rBV7	7521	12375	0.31%	0.034%
32	13.363	1772	1781	1784	rBV5	8068	12811	0.33%	0.035%
33	13.469	1793	1799	1805	rBV	772023	1113053	28.25%	3.053%
34	13.516	1805	1807	1815	rVB	27241	33403	0.85%	0.092%

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35	13.727	1837	1843	1853	rBV	835501	1232183	31.27%	3.380%
36	13.898	1865	1872	1877	rVV4	20424	44718	1.13%	0.123%
37	13.951	1880	1881	1885	rVV4	4197	5062	0.13%	0.014%
38	13.998	1885	1889	1890	rVV3	4858	6720	0.17%	0.018%
39	14.045	1890	1897	1906	rVB	1933483	2826774	71.75%	7.755%
40	14.280	1930	1937	1950	rBV2	79890	201954	5.13%	0.554%
41	14.457	1963	1967	1971	rBV5	6390	10050	0.26%	0.028%
42	14.498	1971	1974	1977	rVB4	5284	6756	0.17%	0.019%
43	14.957	2049	2052	2055	rVB4	6935	9301	0.24%	0.026%
44	15.045	2061	2067	2074	rBV	1088554	1567372	39.78%	4.300%
45	15.104	2074	2077	2080	rVB5	8190	9591	0.24%	0.026%
46	15.180	2085	2090	2101	rBV	143382	231930	5.89%	0.636%
47	15.292	2105	2109	2112	rVB	10823	12524	0.32%	0.034%
48	15.563	2150	2155	2158	rBV5	4013	7925	0.20%	0.022%
49	15.616	2161	2164	2168	rBV5	3064	4583	0.12%	0.013%
50	15.669	2168	2173	2175	rVB3	9230	13747	0.35%	0.038%
51	15.833	2195	2201	2202	rBV3	7885	12577	0.32%	0.035%
52	16.368	2285	2292	2299	rBV2	26072	49309	1.25%	0.135%
53	16.468	2305	2309	2311	rVB4	4230	5155	0.13%	0.014%
54	16.592	2324	2330	2332	rVV2	8124	14147	0.36%	0.039%
55	16.616	2332	2334	2338	rVB5	9138	10867	0.28%	0.030%
56	16.674	2340	2344	2351	rVB8	3384	8832	0.22%	0.024%
57	16.798	2359	2365	2370	rBV	2328730	3216924	81.65%	8.825%
58	16.839	2370	2372	2376	rVV	75691	92541	2.35%	0.254%
59	16.898	2376	2382	2395	rVV2	1073894	1551524	39.38%	4.256%
60	17.015	2398	2402	2406	rVB5	4285	7302	0.19%	0.020%
61	17.086	2411	2414	2416	rBV4	4279	4572	0.12%	0.013%
62	17.221	2434	2437	2440	rBV5	7769	9831	0.25%	0.027%
63	17.357	2457	2460	2463	rBV4	4464	6352	0.16%	0.017%
64	17.621	2499	2505	2507	rBV7	3238	5970	0.15%	0.016%
65	17.686	2510	2516	2520	rBV4	15894	31678	0.80%	0.087%
66	17.739	2520	2525	2533	rVV5	43768	91185	2.31%	0.250%
67	17.810	2533	2537	2542	rVV6	13512	24143	0.61%	0.066%
68	17.868	2542	2547	2551	rVV4	18567	34990	0.89%	0.096%
69	17.915	2551	2555	2559	rVB5	10825	17916	0.45%	0.049%
70	18.045	2571	2577	2582	rVV7	10086	22778	0.58%	0.062%
71	18.186	2597	2601	2606	rBV6	15735	24844	0.63%	0.068%

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72	18.439	2642	2644	2646	rBV2	5849	5038	0.13%	0.014%
73	18.492	2651	2653	2656	rVV4	4322	4612	0.12%	0.013%
74	18.615	2668	2674	2678	rBV4	19680	31433	0.80%	0.086%
75	18.668	2680	2683	2684	rBV3	5429	7132	0.18%	0.020%
76	18.768	2698	2700	2703	rVB4	10719	11094	0.28%	0.030%
77	18.839	2708	2712	2713	rBV	20575	20858	0.53%	0.057%
78	18.868	2713	2717	2724	rVB	130778	182958	4.64%	0.502%
79	18.974	2733	2735	2738	rVB4	12839	12049	0.31%	0.033%
80	19.039	2740	2746	2750	rBV8	24201	48052	1.22%	0.132%
81	19.204	2769	2774	2784	rBV	1375874	2013570	51.11%	5.524%
82	19.321	2790	2794	2795	rBV4	10639	14065	0.36%	0.039%
83	19.574	2835	2837	2839	rBV3	11085	10502	0.27%	0.029%
84	19.745	2864	2866	2868	rVB3	17466	13367	0.34%	0.037%
85	19.815	2876	2878	2881	rBV4	21140	23447	0.60%	0.064%
86	19.904	2891	2893	2897	rVB2	18650	16604	0.42%	0.046%
87	20.039	2913	2916	2920	rBV6	16006	26435	0.67%	0.073%
88	20.768	3036	3040	3046	rBV4	179521	318712	8.09%	0.874%
89	21.009	3076	3081	3086	rBV	2851903	3782447	96.00%	10.376%
90	21.221	3114	3117	3120	rVB	70216	65554	1.66%	0.180%
91	21.639	3185	3188	3195	rBV2	239371	271720	6.90%	0.745%
92	22.074	3259	3262	3269	rVB2	181226	227841	5.78%	0.625%
93	22.286	3295	3298	3303	rVB3	149008	177167	4.50%	0.486%
94	22.545	3339	3342	3345	rBV2	411798	506885	12.87%	1.391%
95	22.580	3346	3348	3356	rVB3	263835	334525	8.49%	0.918%
96	22.980	3411	3416	3426	rVB	1110144	1851927	47.00%	5.080%
97	23.074	3428	3432	3433	rVV2	232481	313017	7.94%	0.859%
98	23.109	3433	3438	3446	rVB	2287885	3940001	100.00%	10.809%
99	23.350	3476	3479	3486	rVB2	221403	338837	8.60%	0.930%
100	23.662	3528	3532	3538	rVB2	421630	720627	18.29%	1.977%

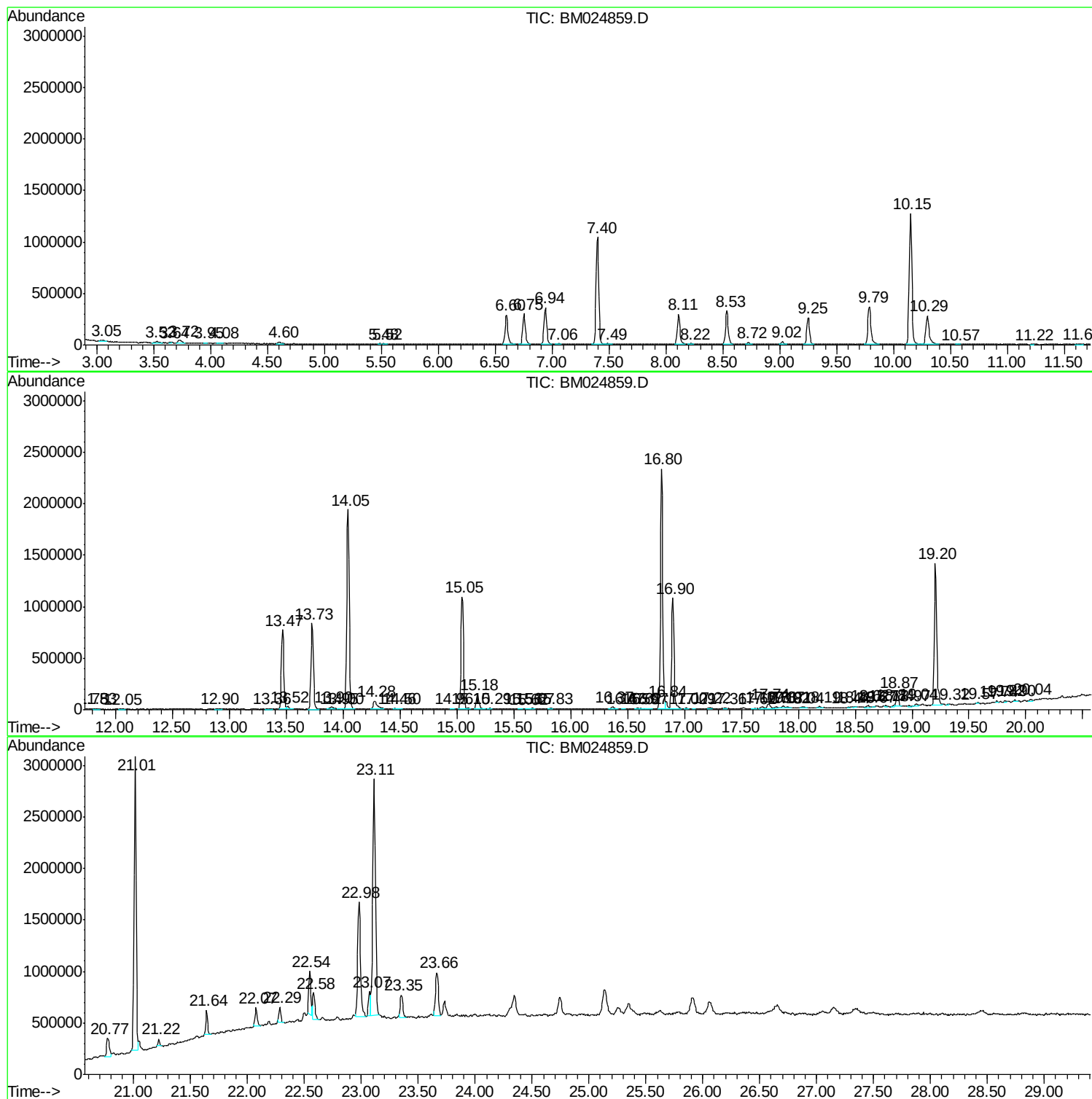
Sum of corrected areas: 36452501

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM020620MA.M
Quant Title : SVOA CALIBRATION

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



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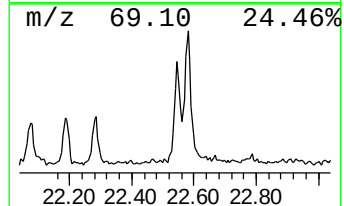
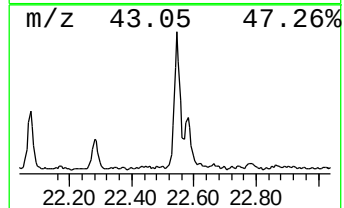
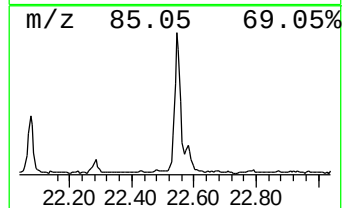
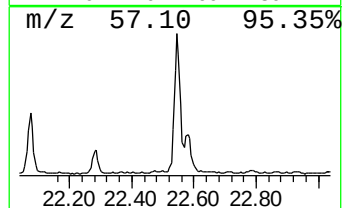
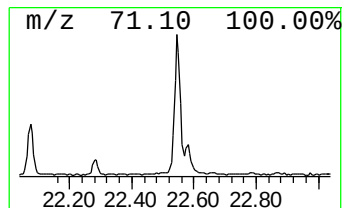
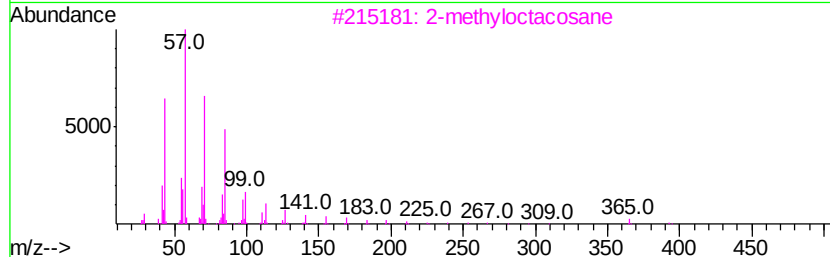
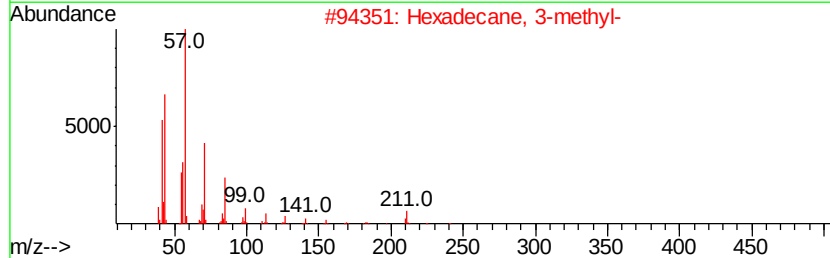
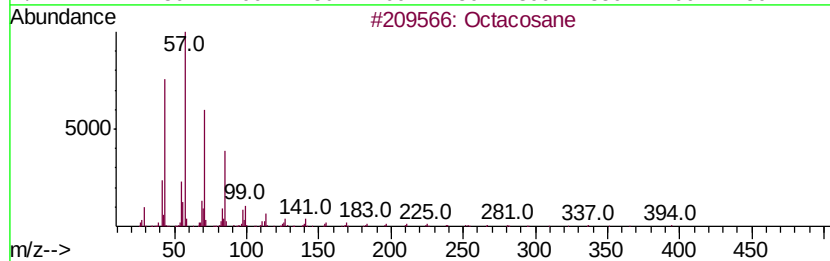
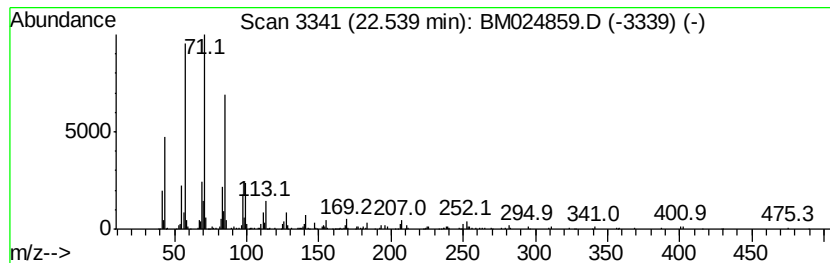
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM020620MA.M
Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.54	2.57 ng/ul	506885	Perylene-d12	23.11

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octacosane	394	C28H58	000630-02-4	87
2		Hexadecane, 3-methyl-	240	C17H36	006418-43-5	87
3		2-methyloctacosane	408	C29H60	1000376-72-8	87
4		Tetratetracontane	619	C44H90	007098-22-8	87
5		Hexacosane	366	C26H54	000630-01-3	83



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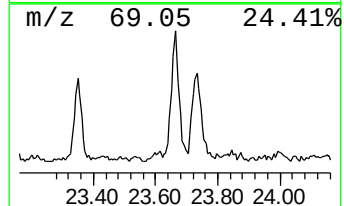
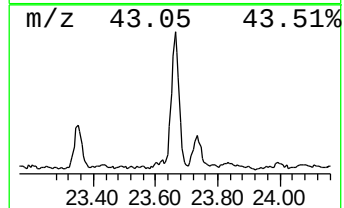
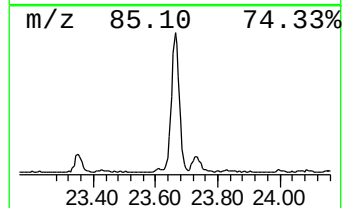
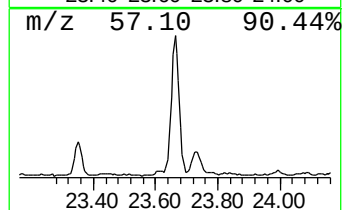
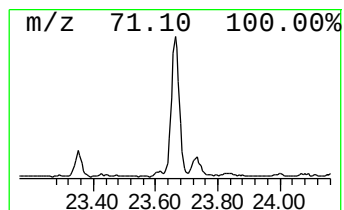
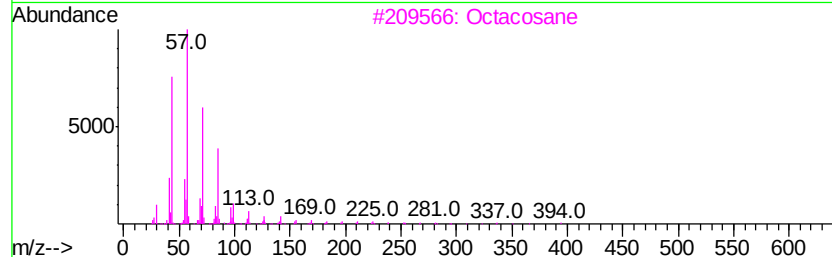
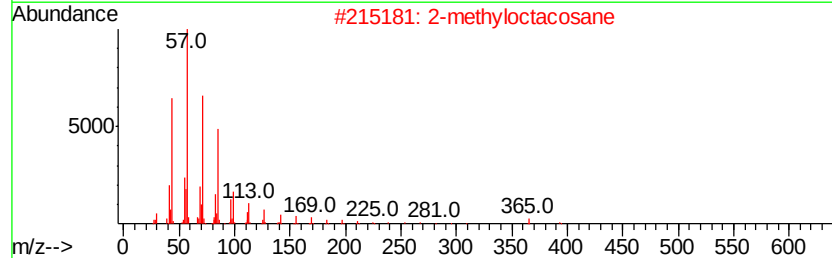
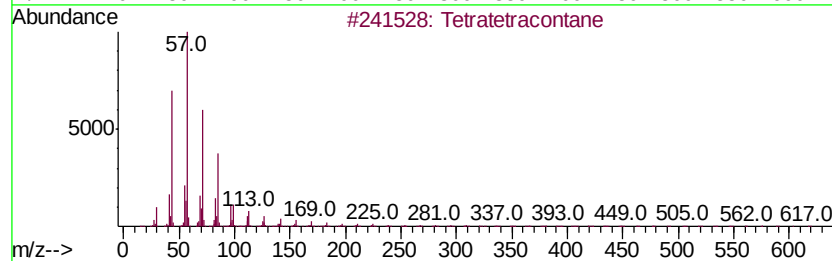
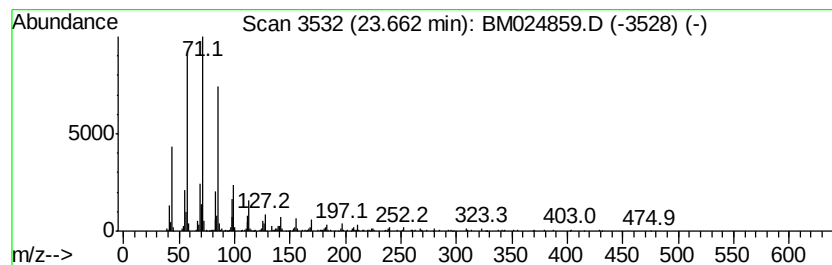
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Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.66	3.66 ng/ul	720627	Perylene-d12	23.11

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tetratetracontane	619	C44H90	007098-22-8	87
2		2-methyloctacosane	408	C29H60	1000376-72-8	87
3		Octacosane	394	C28H58	000630-02-4	87
4		Eicosane	282	C20H42	000112-95-8	83
5		Hexatriacontane	507	C36H74	000630-06-8	83



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					--Internal Standard--			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
(DEL) Alkane: Str...	22.54	2.6	ng/ul	506885	6	23.11	3940000	20.0
(DEL) Alkane: Str...	23.66	3.7	ng/ul	720627	6	23.11	3940000	20.0