

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM101519\
 Data File : BM023176.D
 Acq On : 15 Oct 2019 20:58
 Operator : JU
 Sample : K5202-05
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0AA9

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-BM101419MA.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	3.204	33	37	43	rVB	78588	104554	1.01%	0.095%
2	3.716	120	124	131	rVB2	49750	70302	0.68%	0.064%
3	3.846	142	146	155	rVV	42847	68322	0.66%	0.062%
4	3.934	157	161	167	rVB2	26598	38892	0.38%	0.035%
5	4.834	309	314	321	rBV	21591	34560	0.33%	0.032%
6	6.857	650	658	668	rBV	1302120	2286769	22.15%	2.086%
7	7.028	680	687	697	rBV	982608	1579009	15.29%	1.440%
8	7.222	713	720	729	rBV	1355726	2147884	20.80%	1.959%
9	7.686	792	799	808	rBV	1597352	2536491	24.56%	2.314%
10	8.386	911	918	930	rBV	1521578	2438952	23.62%	2.225%
11	8.833	987	994	1006	rBV	1225827	2016352	19.53%	1.839%
12	9.016	1021	1025	1032	rVB3	24760	40284	0.39%	0.037%
13	9.322	1071	1077	1082	rVB3	15455	25259	0.24%	0.023%
14	9.551	1106	1116	1125	rBV	882756	1444569	13.99%	1.318%
15	10.086	1197	1207	1219	rVV	1650884	2738624	26.52%	2.498%
16	10.269	1233	1238	1246	rVB9	17048	31334	0.30%	0.029%
17	10.469	1265	1272	1280	rBV	2284349	3783014	36.63%	3.451%
18	10.598	1285	1294	1308	rBV	1405092	2403346	23.27%	2.192%
19	11.210	1393	1398	1404	rVB6	14034	26070	0.25%	0.024%
20	12.063	1536	1543	1549	rVV	32884	56559	0.55%	0.052%
21	12.698	1646	1651	1655	rBV4	16295	25184	0.24%	0.023%
22	12.951	1688	1694	1700	rVB4	17443	28692	0.28%	0.026%
23	13.251	1738	1745	1752	rVV	201108	316658	3.07%	0.289%
24	13.657	1809	1814	1819	rVB3	43582	61924	0.60%	0.056%
25	13.745	1823	1829	1833	rVV	2952817	4172689	40.41%	3.806%
26	13.792	1833	1837	1845	rVB	1520843	2042468	19.78%	1.863%
27	14.015	1868	1875	1886	rVB	3485265	5222590	50.58%	4.764%
28	14.327	1921	1928	1936	rVV	3525715	5306156	51.38%	4.840%
29	14.386	1936	1938	1947	rVB6	15636	27157	0.26%	0.025%
30	14.510	1949	1959	1971	rBV	696421	1037065	10.04%	0.946%
31	14.663	1979	1985	1992	rBV3	47988	75830	0.73%	0.069%
32	14.751	1992	2000	2007	rVV2	332264	506829	4.91%	0.462%
33	15.162	2063	2070	2074	rBV3	23346	38742	0.38%	0.035%
34	15.321	2090	2097	2103	rBV	4400422	6298176	60.99%	5.745%

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35	15.380	2103	2107	2111	rVV3	38206	65567	0.63%	0.060%
36	15.433	2111	2116	2122	rVV	538048	772356	7.48%	0.704%
37	15.480	2122	2124	2132	rVV	42054	59798	0.58%	0.055%
38	15.562	2133	2138	2143	rVB	52165	74894	0.73%	0.068%
39	15.821	2178	2182	2188	rVB4	11733	26298	0.25%	0.024%
40	16.109	2228	2231	2239	rVB6	32074	51872	0.50%	0.047%
41	16.498	2292	2297	2301	rBV8	18727	27290	0.26%	0.025%
42	16.627	2314	2319	2322	rBV3	26416	46068	0.45%	0.042%
43	16.856	2354	2358	2360	rVV2	24026	38876	0.38%	0.035%
44	16.880	2360	2362	2366	rVV3	31737	46870	0.45%	0.043%
45	17.074	2388	2395	2399	rVV	4335056	6452435	62.49%	5.886%
46	17.109	2399	2401	2406	rVV	511882	650904	6.30%	0.594%
47	17.168	2406	2411	2422	rVV	4899719	6815457	66.00%	6.217%
48	17.262	2422	2427	2433	rVB4	44031	71839	0.70%	0.066%
49	17.380	2443	2447	2451	rVB2	27730	35465	0.34%	0.032%
50	17.468	2458	2462	2470	rVB2	49038	107711	1.04%	0.098%
51	17.780	2513	2515	2522	rVB8	17570	25731	0.25%	0.023%
52	17.874	2526	2531	2536	rBV8	22123	47468	0.46%	0.043%
53	17.945	2539	2543	2547	rVV	58991	87241	0.84%	0.080%
54	17.998	2547	2552	2559	rVV	407744	640894	6.21%	0.585%
55	18.062	2559	2563	2570	rVV2	82792	170397	1.65%	0.155%
56	18.139	2571	2576	2580	rVV3	120235	206640	2.00%	0.188%
57	18.174	2580	2582	2588	rVB	42554	55658	0.54%	0.051%
58	18.303	2599	2604	2608	rVB8	25106	49690	0.48%	0.045%
59	18.450	2624	2629	2631	rBV2	70178	99525	0.96%	0.091%
60	18.480	2631	2634	2639	rVB2	84764	120723	1.17%	0.110%
61	18.862	2694	2699	2706	rBV3	333110	486606	4.71%	0.444%
62	18.945	2709	2713	2718	rVV3	59435	114180	1.11%	0.104%
63	19.003	2719	2723	2733	rVB2	50183	102438	0.99%	0.093%
64	19.127	2740	2744	2752	rVB	1501815	2047670	19.83%	1.868%
65	19.186	2752	2754	2759	rVB5	31830	38845	0.38%	0.035%
66	19.280	2766	2770	2775	rBV	138963	204306	1.98%	0.186%
67	19.350	2779	2782	2791	rVV2	86540	202964	1.97%	0.185%
68	19.462	2795	2801	2811	rVV2	6269310	10326312	100.00%	9.419%
69	19.562	2815	2818	2824	rVB3	56500	97976	0.95%	0.089%
70	19.674	2834	2837	2842	rBV	63623	78460	0.76%	0.072%
71	19.733	2843	2847	2853	rVB	52676	91553	0.89%	0.084%

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72	19.833	2858	2864	2868	rVV4	56415	118538	1.15%	0.108%
73	19.956	2882	2885	2888	rBV5	53075	90786	0.88%	0.083%
74	19.992	2888	2891	2898	rVB2	174369	250699	2.43%	0.229%
75	20.056	2899	2902	2905	rBV	64592	71964	0.70%	0.066%
76	20.092	2905	2908	2912	rVB	139775	156867	1.52%	0.143%
77	20.150	2913	2918	2923	rVV2	88185	136474	1.32%	0.124%
78	20.286	2938	2941	2946	rVB	58389	73646	0.71%	0.067%
79	20.339	2946	2950	2955	rBV5	62508	111158	1.08%	0.101%
80	20.556	2984	2987	2990	rBV2	100923	114038	1.10%	0.104%
81	20.733	3014	3017	3024	rVB	76446	132355	1.28%	0.121%
82	20.903	3043	3046	3049	rVB	98942	113390	1.10%	0.103%
83	20.944	3050	3053	3056	rVV	83319	91840	0.89%	0.084%
84	21.003	3056	3063	3078	rVB5	399216	981049	9.50%	0.895%
85	21.209	3095	3098	3099	rBV	83961	82666	0.80%	0.075%
86	21.256	3099	3106	3110	rVV	5464309	7961822	77.10%	7.262%
87	21.291	3110	3112	3119	rVB	752574	901188	8.73%	0.822%
88	21.409	3129	3132	3136	rBV	103403	115530	1.12%	0.105%
89	21.456	3136	3140	3146	rVV	256222	311680	3.02%	0.284%
90	21.562	3155	3158	3162	rBV3	88578	114194	1.11%	0.104%
91	21.891	3211	3214	3220	rVB	348854	412528	3.99%	0.376%
92	22.356	3289	3293	3298	rBV	414275	540378	5.23%	0.493%
93	22.815	3365	3371	3376	rBV	584978	1382444	13.39%	1.261%
94	22.868	3376	3380	3389	rVB2	626549	1088587	10.54%	0.993%
95	23.285	3446	3451	3453	rBV	264397	447085	4.33%	0.408%
96	23.333	3453	3459	3465	rVV	3363064	5995904	58.06%	5.469%
97	23.474	3473	3483	3489	rBV	3072819	6395613	61.94%	5.834%
98	24.097	3584	3589	3595	rVB	377761	690688	6.69%	0.630%
99	24.850	3712	3717	3726	rVB2	271646	608419	5.89%	0.555%
100	25.691	3855	3860	3865	rBV3	173736	470875	4.56%	0.430%

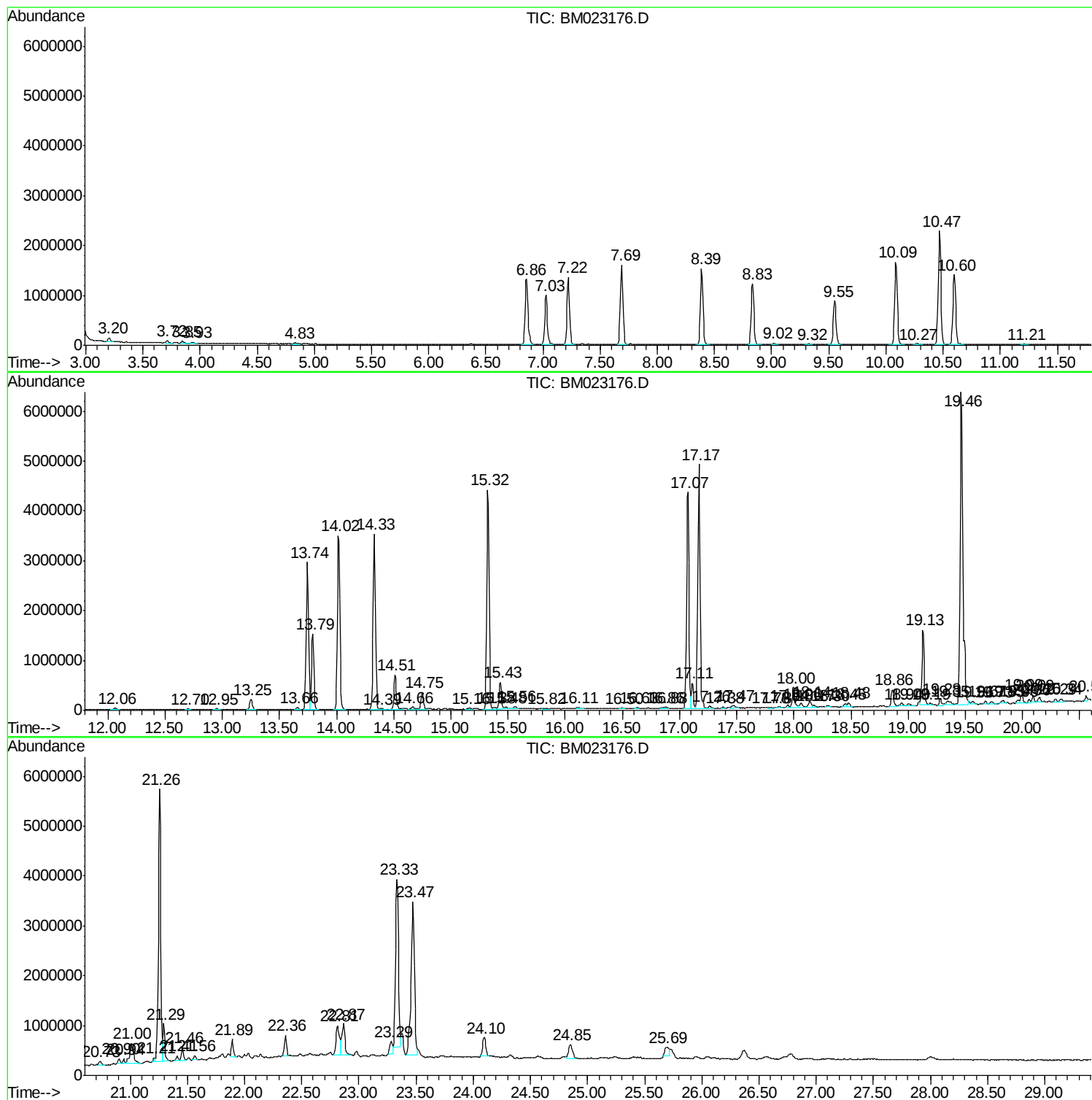
Sum of corrected areas: 109632688

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101419MA.M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



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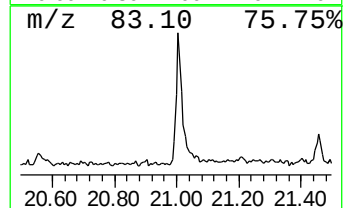
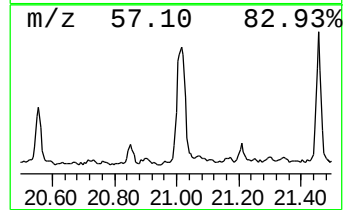
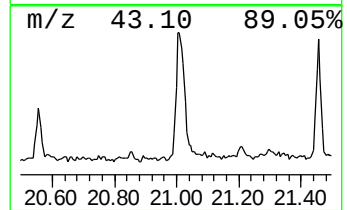
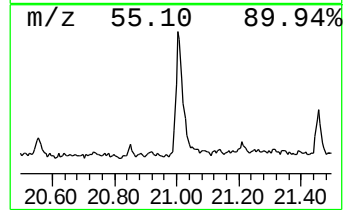
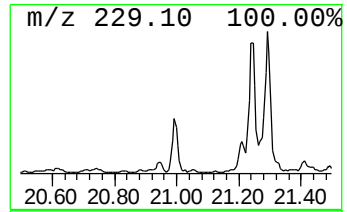
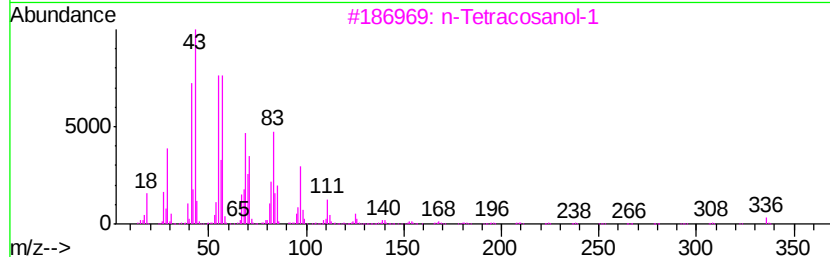
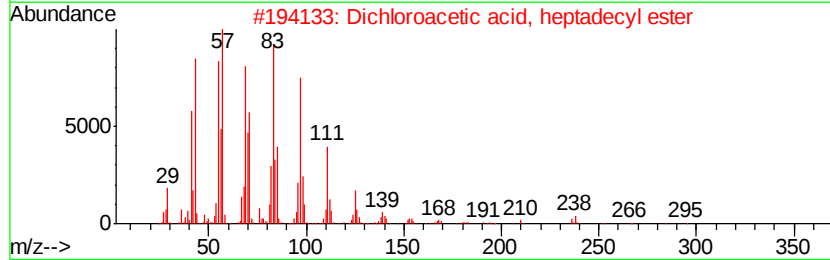
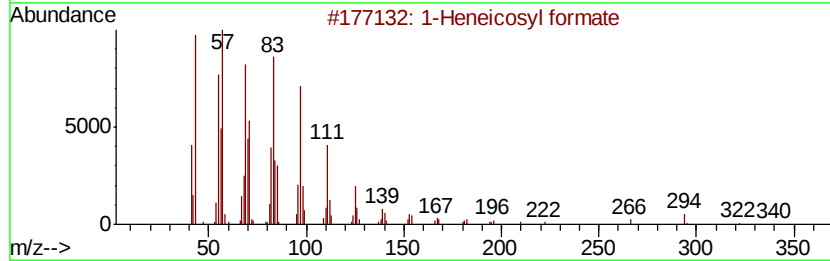
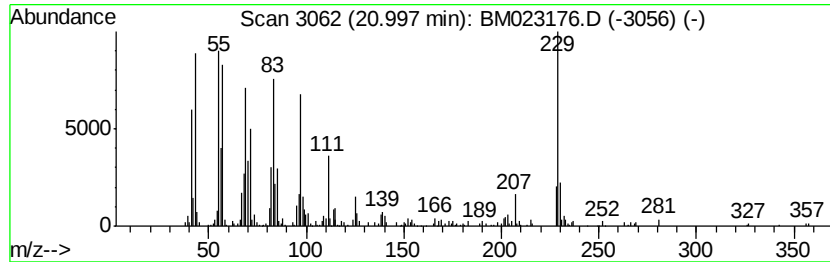
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101419MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 1-Heneicosyl formate Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD		R.T.	
21.00	2.46 ng/ul	981049	Chrysene-d12		21.26	
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		1-Heneicosyl formate	340	C22H44O2	077899-03-7	90
2		Dichloroacetic acid, heptadecyl ...	366	C19H36Cl2O2	1000282-98-2	90
3		n-Tetracosanol-1	354	C24H50O	000506-51-4	90
4		1-Heptacosanol	396	C27H56O	002004-39-9	90
5		Trifluoroacetoxy hexadecane	338	C18H33F3O2	006222-03-3	87



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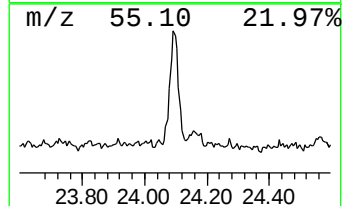
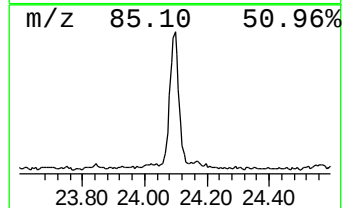
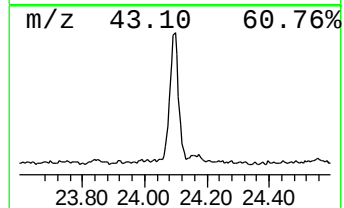
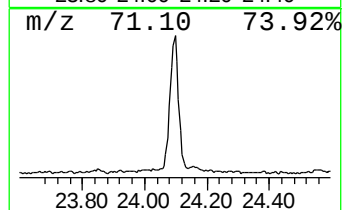
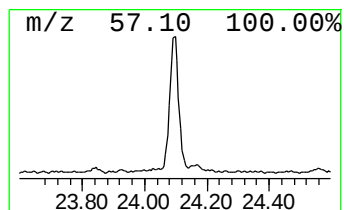
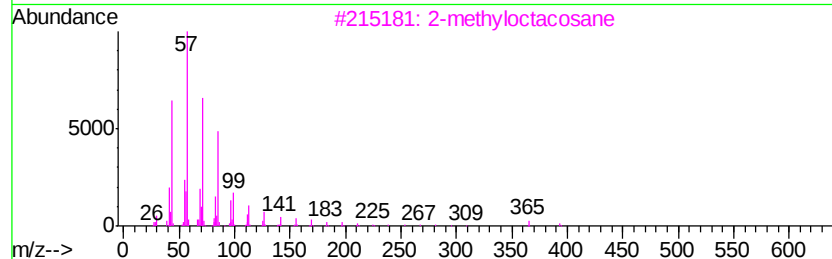
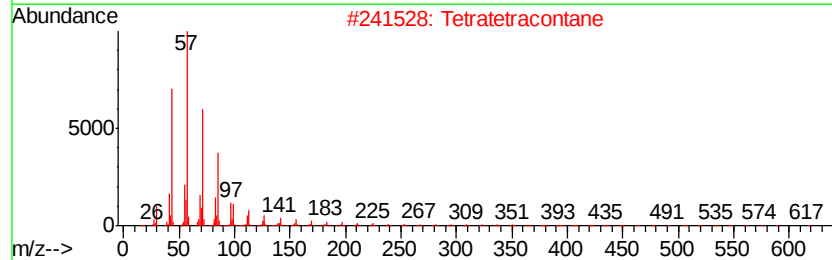
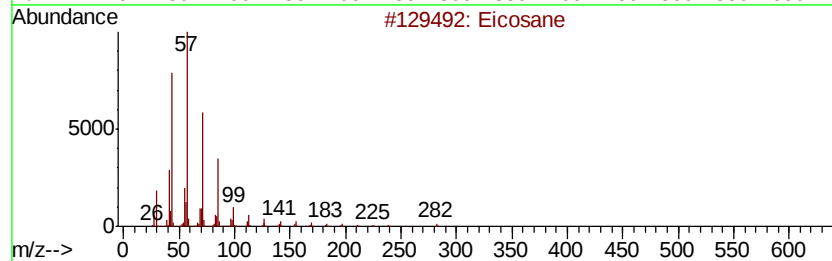
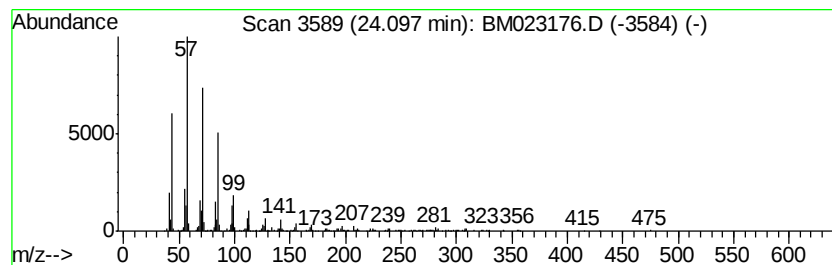
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Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.10	2.16 ng/ul	690688	Perylene-d12	23.47

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Eicosane	282	C20H42	000112-95-8	93
2		Tetratetracontane	619	C44H90	007098-22-8	91
3		2-methyloctacosane	408	C29H60	1000376-72-8	91
4		Hexacosane	366	C26H54	000630-01-3	91
5		Heneicosane	296	C21H44	000629-94-7	91



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
1-Heneicosyl formate	21.00	2.5	ng/ul	981049	5	21.26	7961820	20.0
(DEL) Alkane: Str...	24.10	2.2	ng/ul	690688	6	23.47	6395610	20.0