

Data Path : Z:\HPCHEM1\BNA G\DATA\BG043017\
 Data File : BG026781.D
 Acq On : 30 Apr 2017 20:19
 Operator : SJ/MA
 Sample : I2846-02
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 JHT47

Integration Parameters: LSCINT.P

Integrator: RTE
 Smoothing : ON
 Sampling : 1
 Start Thrs: 0.1
 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: 1

Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG042717.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	3.426	52	57	68	rVB	46970	79125	1.67%	0.139%
2	3.731	106	109	113	rVB6	4108	5703	0.12%	0.010%
3	4.190	181	187	191	rBV7	8169	17549	0.37%	0.031%
4	5.100	338	342	349	rBV5	6580	14258	0.30%	0.025%
5	6.217	526	532	539	rVB8	3822	8509	0.18%	0.015%
6	7.186	687	697	715	rBV	755772	1391766	29.31%	2.448%
7	7.333	715	722	732	rVB	677564	1118823	23.56%	1.968%
8	7.415	733	736	744	rVB6	5450	11306	0.24%	0.020%
9	7.544	748	758	774	rBV	813038	1419228	29.89%	2.496%
10	7.656	775	777	782	rVB5	4046	5470	0.12%	0.010%
11	8.009	829	837	850	rBV	543438	924455	19.47%	1.626%
12	8.720	948	958	982	rBV	1026908	1968780	41.46%	3.462%
13	9.166	1024	1034	1048	rBV	773281	1386784	29.20%	2.439%
14	9.331	1056	1062	1072	rBV	5594	16881	0.36%	0.030%
15	9.595	1105	1107	1115	rVB7	5232	6663	0.14%	0.012%
16	9.683	1115	1122	1124	rBV5	3221	6744	0.14%	0.012%
17	9.889	1148	1157	1171	rBV	678103	1201314	25.30%	2.113%
18	10.435	1242	1250	1271	rBV	1012955	1918391	40.40%	3.374%
19	10.805	1305	1313	1323	rVB	918551	1633547	34.40%	2.873%
20	10.940	1327	1336	1360	rBV	1094203	2071778	43.63%	3.643%
21	12.292	1558	1566	1573	rBV7	4617	11977	0.25%	0.021%
22	12.392	1577	1583	1591	rBV	19667	35447	0.75%	0.062%
23	12.609	1614	1620	1624	rVB5	3758	6745	0.14%	0.012%
24	13.103	1699	1704	1710	rVB8	3851	8410	0.18%	0.015%
25	13.232	1720	1726	1733	rBV2	16334	26573	0.56%	0.047%
26	13.526	1772	1776	1780	rVV6	4694	8494	0.18%	0.015%
27	13.596	1784	1788	1797	rVB6	3842	9555	0.20%	0.017%
28	14.019	1852	1860	1865	rBV	1947378	2893384	60.93%	5.088%
29	14.066	1865	1868	1877	rVV	322974	449793	9.47%	0.791%
30	14.137	1877	1880	1887	rVV5	5046	7778	0.16%	0.014%
31	14.313	1901	1910	1927	rBV	2435113	3811167	80.26%	6.702%
32	14.507	1939	1943	1949	rVB6	10267	14988	0.32%	0.026%
33	14.618	1952	1962	1974	rVB2	1414488	2303024	48.50%	4.050%
34	14.836	1989	1999	2030	rBV	486721	1246188	26.24%	2.192%

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35	15.036	2031	2033	2040	rVB7	7478	15434	0.33%	0.027%
36	15.124	2044	2048	2055	rVB8	8580	14881	0.31%	0.026%
37	15.183	2055	2058	2065	rVB7	6352	12663	0.27%	0.022%
38	15.406	2091	2096	2099	rBV	15441	23401	0.49%	0.041%
39	15.453	2101	2104	2109	rVB	46175	58511	1.23%	0.103%
40	15.523	2111	2116	2119	rVB6	5020	7559	0.16%	0.013%
41	15.606	2119	2130	2143	rBV	2963489	4597675	96.82%	8.086%
42	15.729	2143	2151	2164	rBV	846455	1275018	26.85%	2.242%
43	15.846	2166	2171	2177	rVB3	50272	90251	1.90%	0.159%
44	15.899	2178	2180	2183	rVB3	7403	5804	0.12%	0.010%
45	15.952	2186	2189	2193	rVV5	8519	9502	0.20%	0.017%
46	16.005	2193	2198	2204	rVV5	9430	17170	0.36%	0.030%
47	16.076	2204	2210	2215	rVB6	11872	18991	0.40%	0.033%
48	16.181	2226	2228	2234	rVB7	6595	8527	0.18%	0.015%
49	16.311	2246	2250	2261	rBV	83360	152110	3.20%	0.268%
50	16.393	2261	2264	2268	rVB5	7313	10185	0.21%	0.018%
51	16.487	2276	2280	2285	rBV5	11866	17406	0.37%	0.031%
52	16.552	2288	2291	2296	rBV7	4196	7603	0.16%	0.013%
53	16.657	2304	2309	2316	rBV6	12232	29812	0.63%	0.052%
54	16.710	2316	2318	2323	rVB5	7892	9455	0.20%	0.017%
55	16.763	2323	2327	2332	rBV6	10859	15997	0.34%	0.028%
56	16.816	2332	2336	2342	rVB9	10845	18080	0.38%	0.032%
57	16.886	2342	2348	2351	rBV5	8850	12802	0.27%	0.023%
58	17.098	2378	2384	2389	rBV	52944	70851	1.49%	0.125%
59	17.151	2389	2393	2405	rVB6	24548	53243	1.12%	0.094%
60	17.257	2405	2411	2415	rBV9	9846	16225	0.34%	0.029%
61	17.356	2419	2428	2437	rBV	1625091	2491927	52.48%	4.382%
62	17.450	2438	2444	2453	rVB2	2990731	4533120	95.46%	7.972%
63	17.521	2454	2456	2463	rVB7	8280	9292	0.20%	0.016%
64	17.633	2471	2475	2478	rVB4	7419	11639	0.25%	0.020%
65	17.750	2493	2495	2504	rVB8	5710	10627	0.22%	0.019%
66	17.838	2504	2510	2516	rBV3	16767	27684	0.58%	0.049%
67	18.015	2534	2540	2545	rVB9	6653	12607	0.27%	0.022%
68	18.114	2553	2557	2561	rBV7	5056	9178	0.19%	0.016%
69	18.232	2572	2577	2587	rBV	216927	376784	7.93%	0.663%
70	18.302	2587	2589	2593	rVB2	14761	19842	0.42%	0.035%
71	18.443	2608	2613	2617	rVB8	7690	13105	0.28%	0.023%

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72	18.485	2617	2620	2622	rBV4	5427	7303	0.15%	0.013%
73	18.526	2623	2627	2636	rVB4	7504	13742	0.29%	0.024%
74	18.649	2645	2648	2653	rVB6	8853	12444	0.26%	0.022%
75	18.855	2680	2683	2688	rVB7	5031	6655	0.14%	0.012%
76	18.902	2688	2691	2695	rVB4	5965	6662	0.14%	0.012%
77	19.154	2727	2734	2739	rVB10	5356	12437	0.26%	0.022%
78	19.195	2739	2741	2744	rBV4	5534	5655	0.12%	0.010%
79	19.372	2765	2771	2781	rBV2	44847	95077	2.00%	0.167%
80	19.501	2787	2793	2807	rBV2	96636	192857	4.06%	0.339%
81	19.624	2809	2814	2822	rVB	32765	57277	1.21%	0.101%
82	19.736	2824	2833	2843	rBV	3224420	4719043	99.38%	8.299%
83	20.124	2895	2899	2900	rBV4	6122	8997	0.19%	0.016%
84	20.253	2919	2921	2923	rVB3	6324	5713	0.12%	0.010%
85	20.324	2929	2933	2936	rBV6	9535	17047	0.36%	0.030%
86	20.682	2991	2994	3000	rBV6	11589	22485	0.47%	0.040%
87	20.741	3002	3004	3009	rVB6	10754	10264	0.22%	0.018%
88	21.164	3071	3076	3079	rBV6	14308	25076	0.53%	0.044%
89	21.599	3142	3150	3162	rBV	1578704	2557477	53.86%	4.498%
90	22.409	3276	3288	3297	rBV9	54085	266820	5.62%	0.469%
91	23.038	3390	3395	3404	rVB6	33361	72599	1.53%	0.128%
92	23.232	3422	3428	3437	rVB2	50936	102865	2.17%	0.181%
93	23.825	3523	3529	3540	rVB4	47628	100051	2.11%	0.176%
94	24.542	3639	3651	3669	rBV2	1744226	4748721	100.00%	8.351%
95	24.754	3676	3687	3702	rBV2	1010940	2845123	59.91%	5.003%
96	25.841	3863	3872	3880	rBV4	73518	231286	4.87%	0.407%
97	27.157	4087	4096	4108	rVB3	69213	212158	4.47%	0.373%
98	28.320	4293	4294	4297	rBV3	8851	8639	0.18%	0.015%
99	28.749	4357	4367	4380	rVB6	50927	207211	4.36%	0.364%
100	30.659	4680	4692	4705	rVB9	39311	165485	3.48%	0.291%

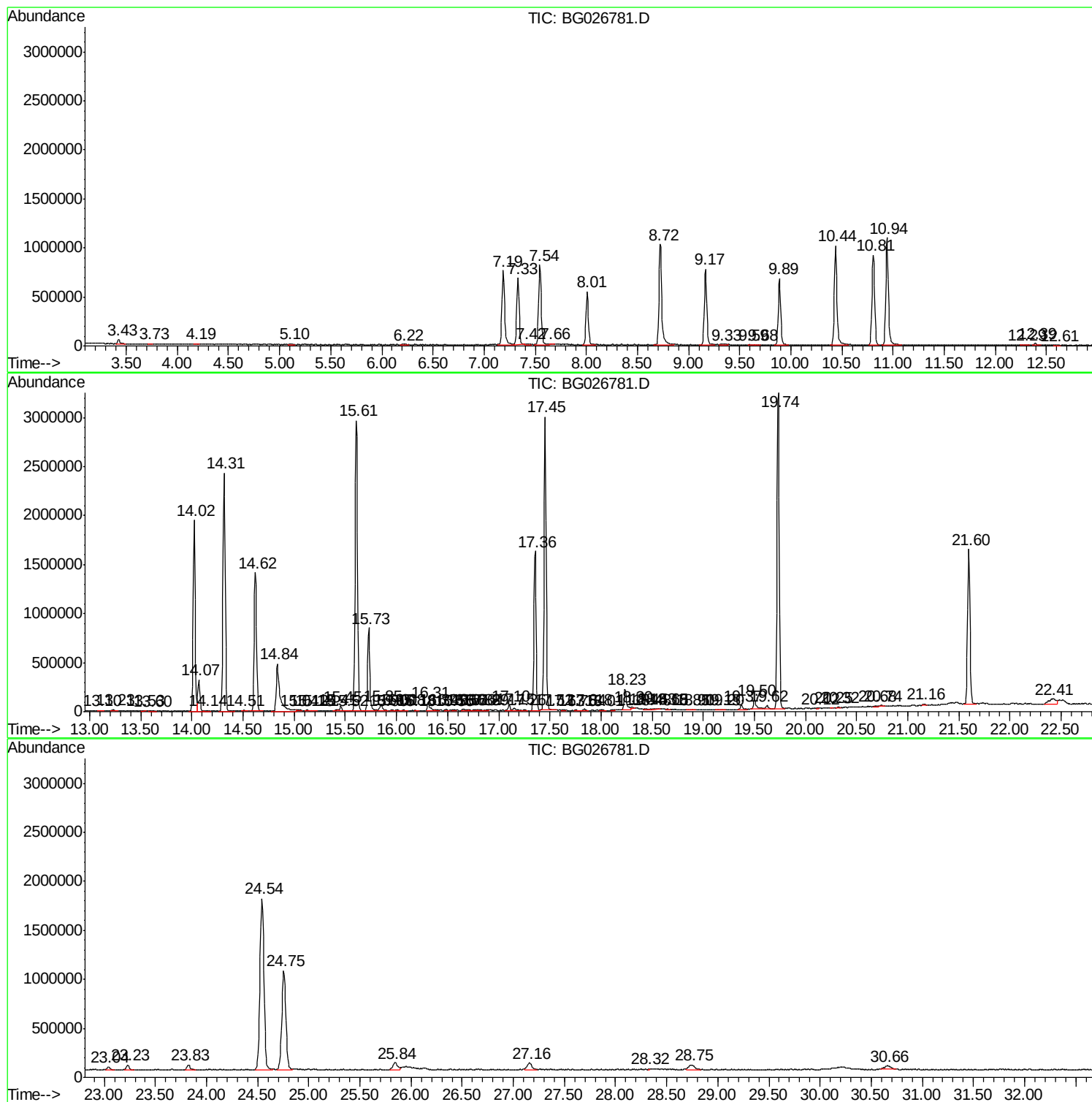
Sum of corrected areas: 56862727

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Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG042717.M
Quant Title : SVOA CALIBRATION

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



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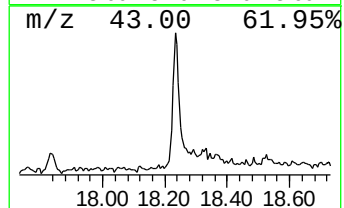
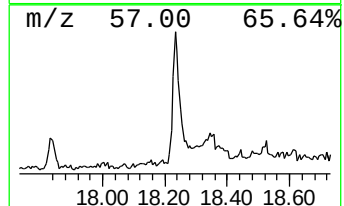
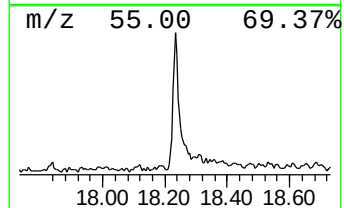
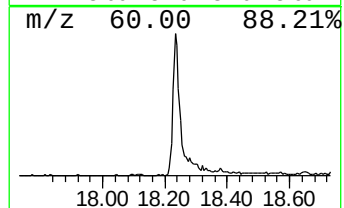
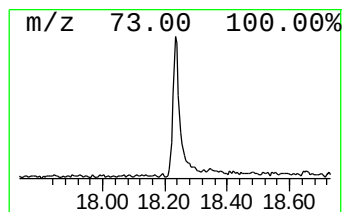
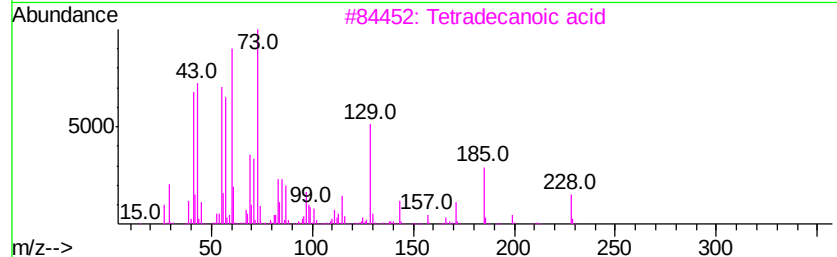
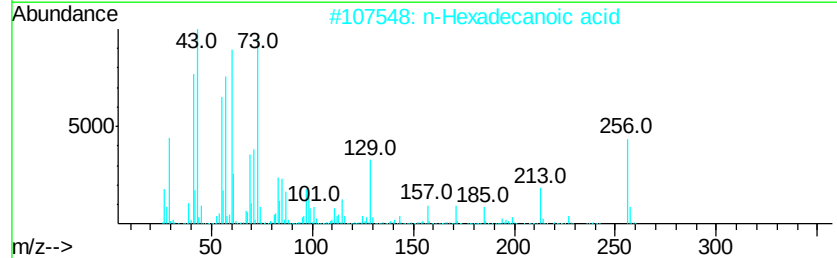
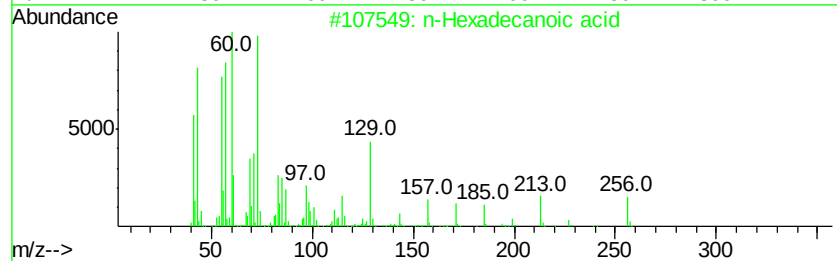
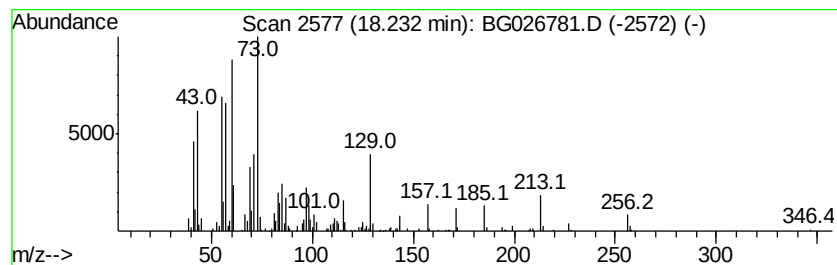
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Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG042717.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.		
18.23	3.02 ng/ul	376784	Phenanthrene-d10	17.36		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99	
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	97	
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	96	
4	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	93	
5	Pentadecanoic acid	242	C15H30O2	001002-84-2	87	



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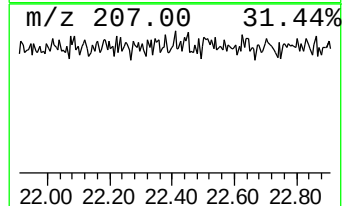
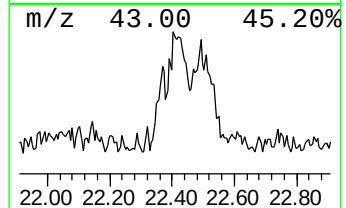
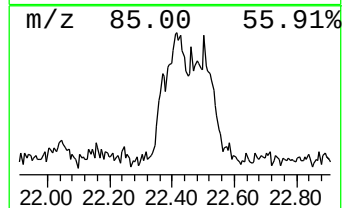
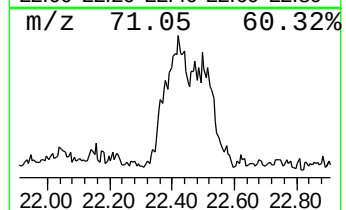
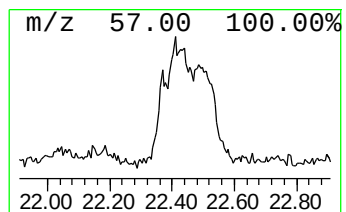
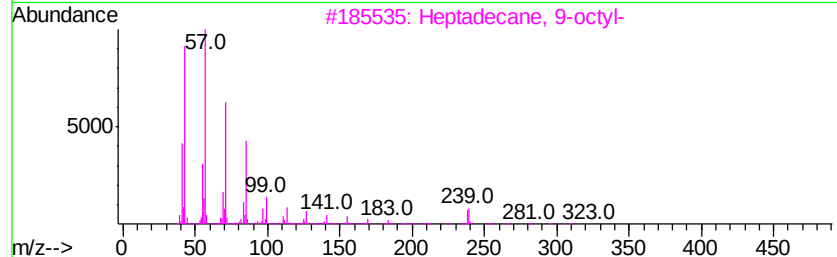
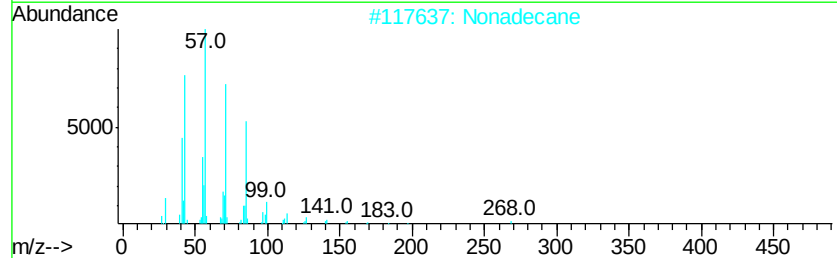
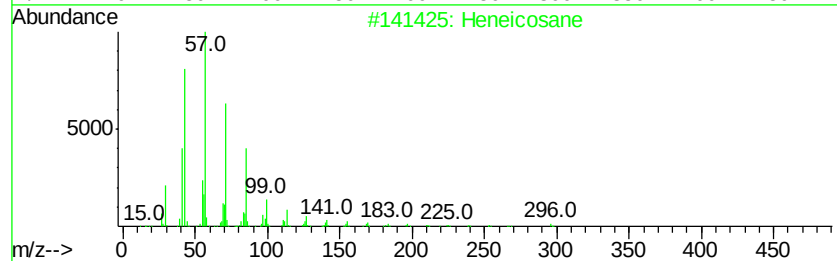
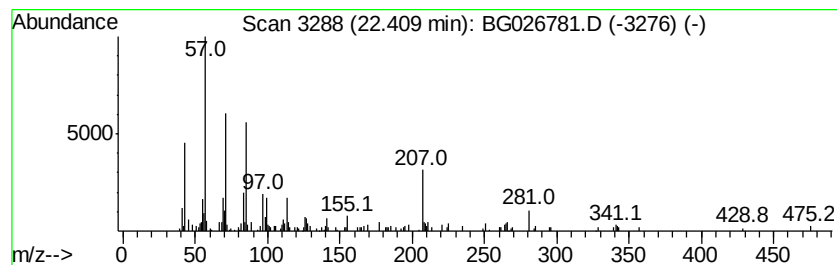
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Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.41	2.09 ng/ul	266820	Chrysene-d12	21.60

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heneicosane	296	C21H44	000629-94-7	78
2			Nonadecane	268	C19H40	000629-92-5	53
3			Heptadecane, 9-octyl-	352	C25H52	007225-64-1	49
4			Tetracosane	338	C24H50	000646-31-1	49
5			Heptadecane	240	C17H36	000629-78-7	49



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TIC Top Hit name	RT	EstConc	Units	Response	---Internal Standard---			
					#	RT	Resp	Conc
n-Hexadecanoic acid	18.23	3.0	ng/ul	376784	4	17.36	2491930	20.0
(DEL) Alkane: Str...	22.41	2.1	ng/ul	266820	5	21.60	2557480	20.0