

Data Path : Z:\HPCHEM1\BNA G\DATA\BG042717\
 Data File : BG026736.D
 Acq On : 28 Apr 2017 7:54
 Operator : SJ/MA
 Sample : I2807-17
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 JHSN7

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	3.429	52	58	73	rVB	45777	89895	1.81%	0.154%
2	3.981	148	152	157	rVB6	4310	10202	0.21%	0.017%
3	4.187	183	187	194	rVB2	8376	14653	0.29%	0.025%
4	4.451	229	232	235	rBV4	4757	5757	0.12%	0.010%
5	5.115	340	345	350	rVB7	3562	8861	0.18%	0.015%
6	6.220	528	533	535	rBV4	5182	6123	0.12%	0.010%
7	6.296	543	546	550	rVB5	3861	5224	0.11%	0.009%
8	7.077	673	679	682	rBV5	3723	5040	0.10%	0.009%
9	7.189	691	698	715	rBV	761491	1430832	28.77%	2.453%
10	7.330	716	722	734	rVV	684748	1161963	23.36%	1.992%
11	7.424	734	738	742	rVB5	5869	9276	0.19%	0.016%
12	7.547	751	759	773	rBV	835027	1451092	29.18%	2.488%
13	8.012	827	838	849	rBV	547613	958028	19.26%	1.643%
14	8.341	890	894	900	rBV6	3320	7655	0.15%	0.013%
15	8.728	948	960	977	rBV	1013793	1898633	38.17%	3.255%
16	9.169	1027	1035	1048	rBV	772540	1409002	28.33%	2.416%
17	9.328	1055	1062	1073	rBV8	9825	32747	0.66%	0.056%
18	9.592	1103	1107	1115	rVB2	13670	23471	0.47%	0.040%
19	9.892	1146	1158	1169	rBV	678276	1230732	24.74%	2.110%
20	10.438	1243	1251	1272	rBV	1046845	1966744	39.54%	3.372%
21	10.808	1304	1314	1328	rVB	949958	1643185	33.04%	2.817%
22	10.943	1328	1337	1362	rBV	1114574	2099067	42.20%	3.599%
23	11.513	1432	1434	1442	rVB5	2596	5794	0.12%	0.010%
24	11.584	1442	1446	1452	rBV5	2695	5584	0.11%	0.010%
25	12.301	1560	1568	1572	rBV4	3474	8029	0.16%	0.014%
26	12.389	1576	1583	1593	rBV2	20924	42991	0.86%	0.074%
27	13.235	1720	1727	1730	rBV5	5319	8375	0.17%	0.014%
28	13.446	1758	1763	1767	rVB5	6315	11196	0.23%	0.019%
29	13.517	1772	1775	1782	rBV7	5134	7653	0.15%	0.013%
30	13.770	1813	1818	1822	rBV5	3055	5638	0.11%	0.010%
31	14.022	1854	1861	1866	rBV	2045692	2999260	60.30%	5.142%
32	14.069	1866	1869	1878	rVV	417958	571302	11.49%	0.980%
33	14.140	1878	1881	1888	rVB7	7615	12912	0.26%	0.022%
34	14.216	1891	1894	1897	rVB5	4113	5235	0.11%	0.009%

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35	14.316	1901	1911	1926	rVV	2432603	3930694	79.03%	6.739%
36	14.510	1938	1944	1953	rBV	40938	57082	1.15%	0.098%
37	14.621	1953	1963	1977	rVB2	1441540	2310926	46.46%	3.962%
38	14.839	1992	2000	2015	rBV	546046	1186718	23.86%	2.035%
39	15.003	2026	2028	2032	rVB4	7374	8113	0.16%	0.014%
40	15.039	2032	2034	2037	rVV4	4588	5822	0.12%	0.010%
41	15.068	2037	2039	2043	rVB4	8075	6957	0.14%	0.012%
42	15.127	2043	2049	2056	rVB5	16890	23867	0.48%	0.041%
43	15.197	2056	2061	2067	rVB8	9587	15499	0.31%	0.027%
44	15.244	2067	2069	2075	rVB5	3800	6096	0.12%	0.010%
45	15.350	2082	2087	2092	rBV6	5948	10750	0.22%	0.018%
46	15.409	2092	2097	2100	rBV3	12634	22347	0.45%	0.038%
47	15.456	2100	2105	2110	rVB	95911	120849	2.43%	0.207%
48	15.515	2110	2115	2119	rBV5	11102	16620	0.33%	0.028%
49	15.556	2119	2122	2124	rVV4	5867	6394	0.13%	0.011%
50	15.609	2124	2131	2143	rVB	3187469	4792099	96.35%	8.216%
51	15.732	2145	2152	2165	rBV	848459	1358780	27.32%	2.330%
52	15.849	2165	2172	2178	rVV3	62758	120366	2.42%	0.206%
53	15.896	2179	2180	2185	rVB5	5852	7537	0.15%	0.013%
54	15.949	2186	2189	2196	rVV6	12043	20348	0.41%	0.035%
55	16.008	2196	2199	2205	rVB5	14620	20351	0.41%	0.035%
56	16.073	2205	2210	2215	rBV6	15459	23304	0.47%	0.040%
57	16.314	2245	2251	2263	rBV	107243	196503	3.95%	0.337%
58	16.431	2268	2271	2275	rVB5	6014	10263	0.21%	0.018%
59	16.560	2289	2293	2296	rBV5	7948	10947	0.22%	0.019%
60	16.660	2303	2310	2316	rBV8	17943	44692	0.90%	0.077%
61	16.719	2317	2320	2323	rVB4	9724	13605	0.27%	0.023%
62	16.766	2325	2328	2333	rBV7	8050	12961	0.26%	0.022%
63	16.819	2333	2337	2342	rVB7	11723	16618	0.33%	0.028%
64	16.884	2346	2348	2352	rBV4	5980	7613	0.15%	0.013%
65	16.919	2352	2354	2358	rVB4	5378	5097	0.10%	0.009%
66	16.954	2359	2360	2366	rVB6	3534	5390	0.11%	0.009%
67	17.025	2370	2372	2375	rBV3	5464	5492	0.11%	0.009%
68	17.101	2380	2385	2389	rBV	62955	79599	1.60%	0.136%
69	17.154	2389	2394	2399	rVB5	24557	40340	0.81%	0.069%
70	17.260	2407	2412	2416	rVB7	7588	14478	0.29%	0.025%
71	17.354	2421	2428	2436	rBV2	1580245	2471900	49.70%	4.238%

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72	17.453	2437	2445	2463	rVB	3006984	4773260	95.97%	8.184%
73	17.636	2474	2476	2484	rVB9	6153	11722	0.24%	0.020%
74	17.712	2484	2489	2492	rBV7	4754	6100	0.12%	0.010%
75	17.835	2506	2510	2518	rBV2	26145	36168	0.73%	0.062%
76	18.018	2534	2541	2545	rVB10	5583	10251	0.21%	0.018%
77	18.129	2551	2560	2563	rBV9	6256	14128	0.28%	0.024%
78	18.235	2573	2578	2594	rBV	293435	546454	10.99%	0.937%
79	18.529	2624	2628	2634	rVB7	7897	14280	0.29%	0.024%
80	18.599	2638	2640	2644	rVB5	5243	5924	0.12%	0.010%
81	18.658	2648	2650	2654	rBV5	7208	6037	0.12%	0.010%
82	19.375	2767	2772	2780	rBV	48066	99438	2.00%	0.170%
83	19.504	2789	2794	2807	rBV2	89856	192043	3.86%	0.329%
84	19.627	2810	2815	2825	rVB	32253	61367	1.23%	0.105%
85	19.733	2825	2833	2848	rBV2	3299560	4863857	97.79%	8.339%
86	20.632	2983	2986	2992	rVB8	16545	24783	0.50%	0.042%
87	20.679	2992	2994	2997	rBV4	11842	13667	0.27%	0.023%
88	21.355	3099	3109	3121	rBV4	47169	224724	4.52%	0.385%
89	21.602	3144	3151	3166	rVB	1531532	2492551	50.11%	4.274%
90	22.371	3279	3282	3286	rVB6	17301	22195	0.45%	0.038%
91	23.047	3392	3397	3406	rVB7	43258	91943	1.85%	0.158%
92	23.235	3426	3429	3438	rVB8	28221	47100	0.95%	0.081%
93	23.828	3524	3530	3538	rVB4	59822	139929	2.81%	0.240%
94	24.545	3640	3652	3674	rVB2	1772942	4973721	100.00%	8.528%
95	24.763	3677	3689	3702	rVB2	993626	2775851	55.81%	4.759%
96	25.849	3866	3874	3884	rVB3	79191	222440	4.47%	0.381%
97	27.160	4088	4097	4109	rVB6	76534	281174	5.65%	0.482%
98	28.758	4361	4369	4386	rVB6	55983	213279	4.29%	0.366%

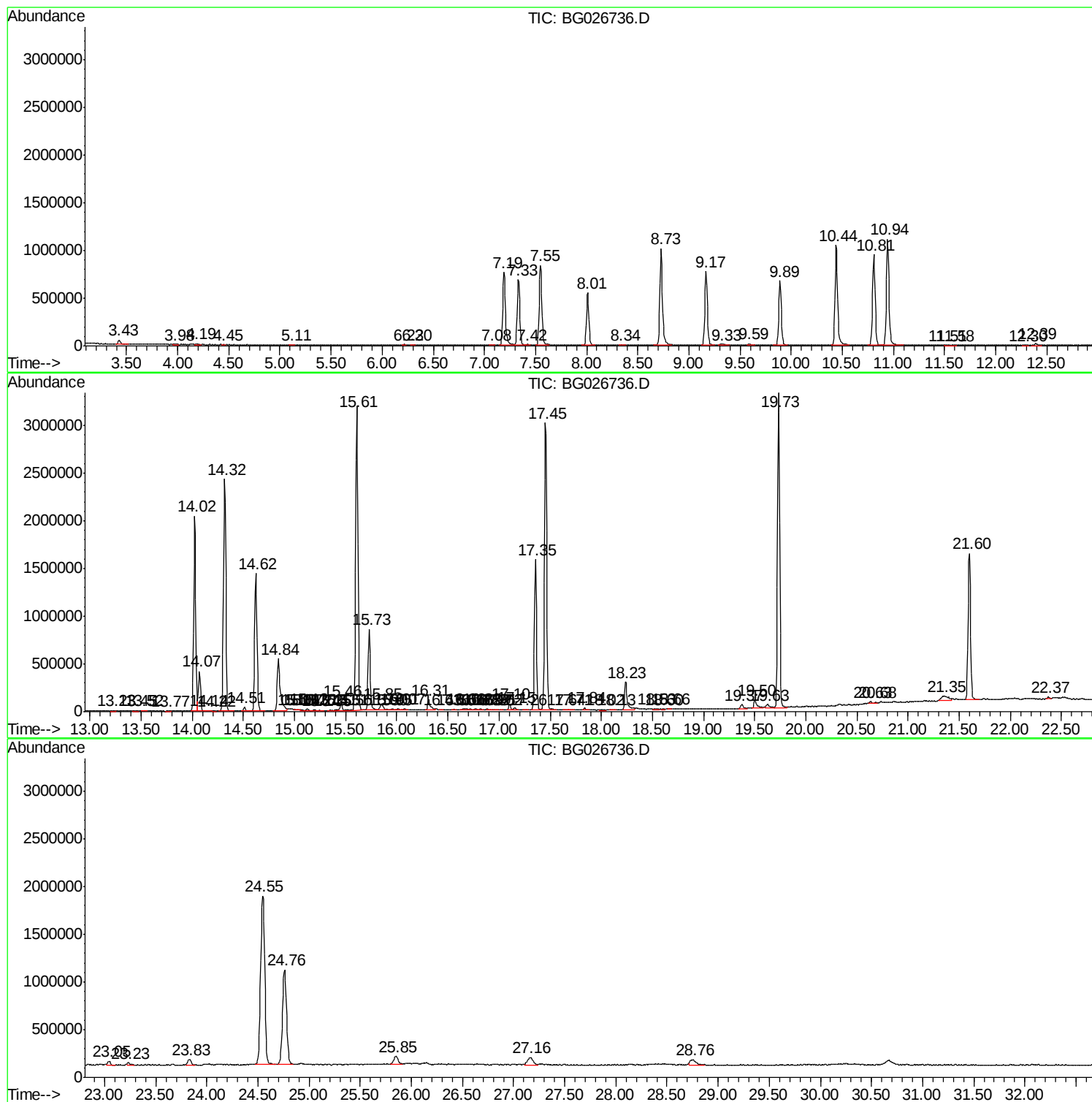
Sum of corrected areas: 58323554

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TIC Library : C:\DATABASE\NIST11.L
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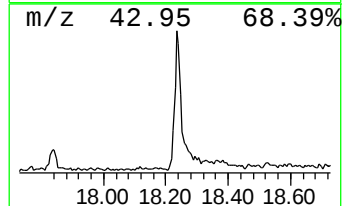
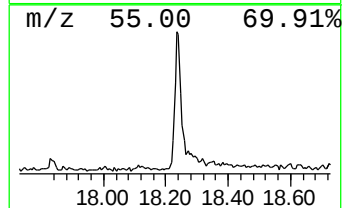
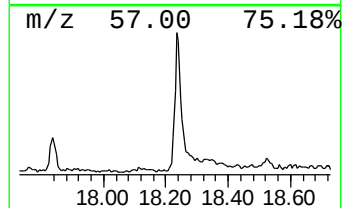
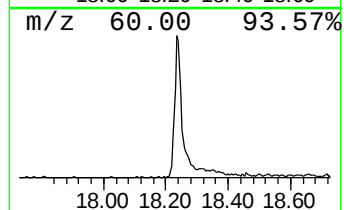
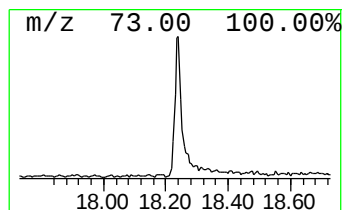
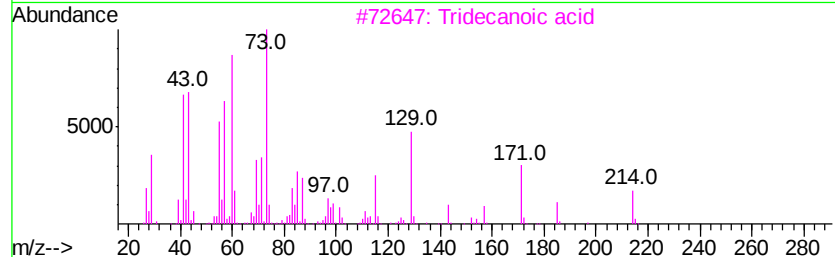
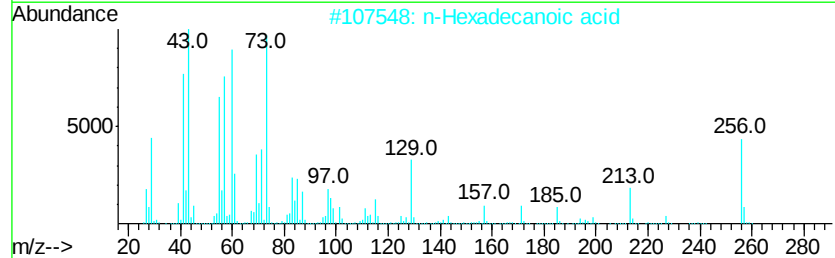
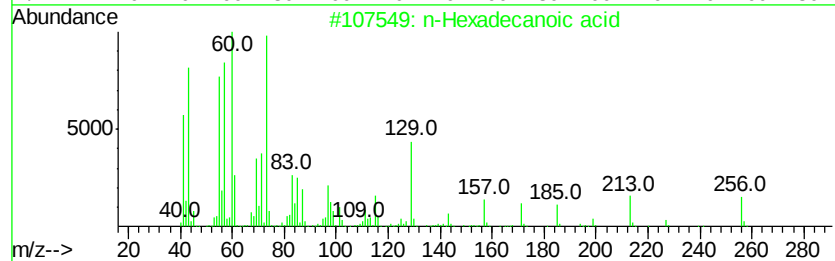
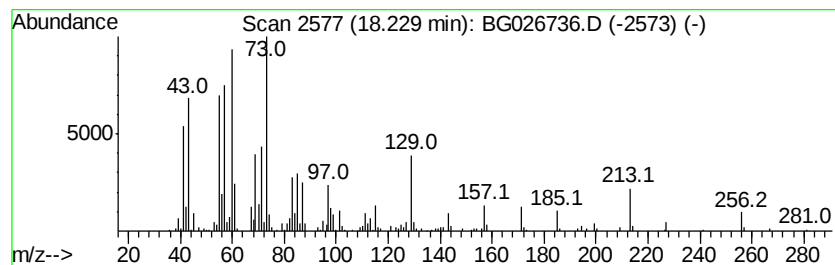
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Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG042717.M
Quant Title : SVOA CALIBRATION

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	4.42 ng/ul	546454	Phenanthrene-d10	17.35		
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	98	
3	Tridecanoic acid	214	C13H26O2	000638-53-9	93	
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	87	
5	Octadecanoic acid	284	C18H36O2	000057-11-4	81	



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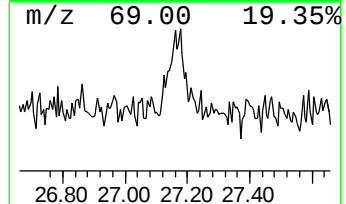
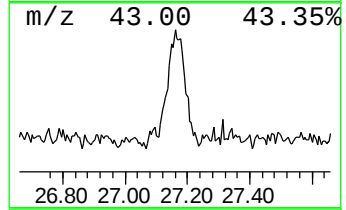
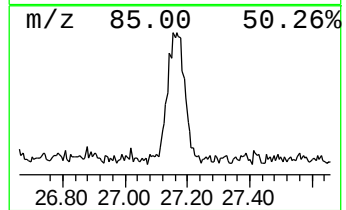
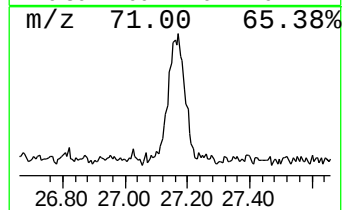
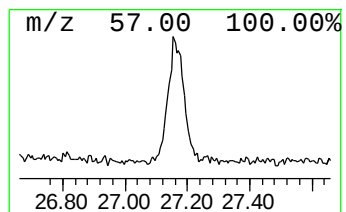
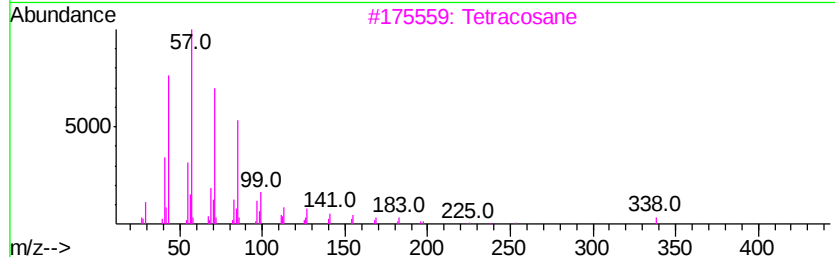
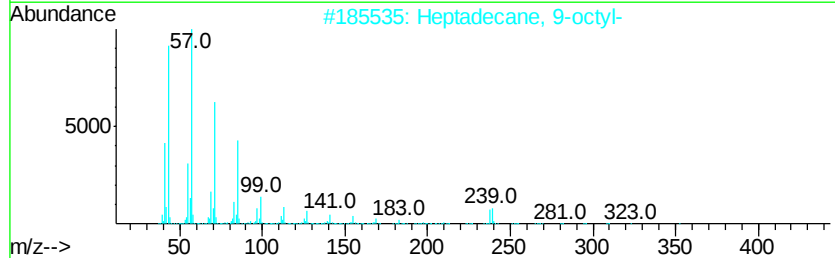
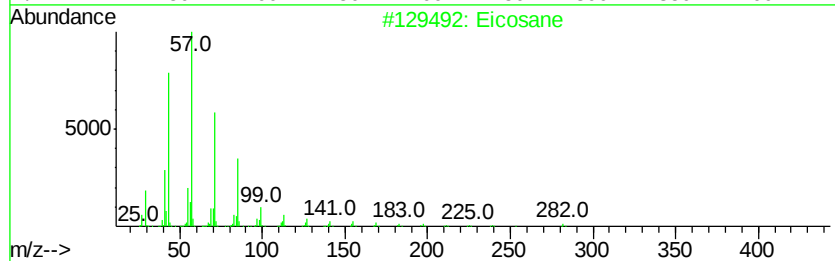
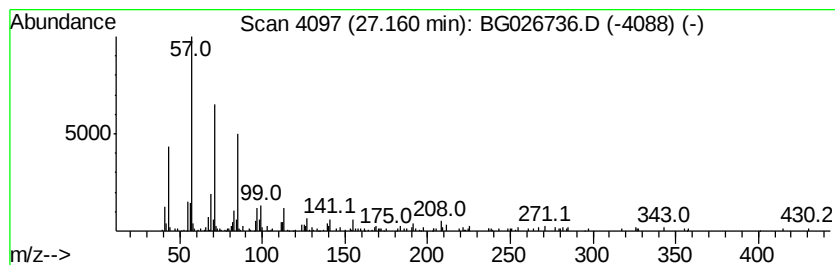
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Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
27.16	2.03 ng/ul	281174	Perylene-d12	24.76

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Eicosane	282	C20H42	000112-95-8	91
2		Heptadecane, 9-octyl-	352	C25H52	007225-64-1	90
3		Tetracosane	338	C24H50	000646-31-1	90
4		Heptacosane	380	C27H56	000593-49-7	87
5		triacontane	422	C30H62	000638-68-6	87



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TIC Top Hit name	RT	EstConc	Units	Response	---Internal Standard---			
					#	RT	Resp	Conc
n-Hexadecanoic acid	18.23	4.4	ng/ul	546454	4	17.35	2471900	20.0
(DEL) Alkane: Str...	27.16	2.0	ng/ul	281174	6	24.76	2775850	20.0