

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101121\
 Data File : BM032421.D
 Acq On : 11 Oct 2021 15:10
 Operator : CG/JU
 Sample : M4029-20
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C00T1

Integration Parameters: LSCINT.P

Integrator: RTE

Smoothing : OFF

Filtering: 5

Sampling : 1

Min Area: 0.1 % of largest Peak

Start Thrs: 0.2

Max Peaks: 100

Stop Thrs : 0

Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >

Peak separation: 5

Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM100521.M
 Title : SVOA CALIBRATION

Signal : TIC: BM032421.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.960	17	21	29	rVB	18938	29163	0.85%	0.095%
2	3.401	92	96	106	rBV	62327	101194	2.94%	0.328%
3	3.507	110	114	118	rVB2	9560	9796	0.28%	0.032%
4	3.649	132	138	148	rVB	33661	62005	1.80%	0.201%
5	3.737	148	153	158	rVB	14388	23757	0.69%	0.077%
6	3.990	192	196	203	rVB	40236	52443	1.52%	0.170%
7	4.137	217	221	224	rVB5	5711	9097	0.26%	0.030%
8	4.419	264	269	272	rBV	25391	33935	0.99%	0.110%
9	4.454	272	275	283	rVB	11387	16337	0.47%	0.053%
10	4.596	295	299	308	rVB6	8404	16096	0.47%	0.052%
11	4.690	312	315	320	rVB	9811	14092	0.41%	0.046%
12	4.796	329	333	336	rBV5	3663	4521	0.13%	0.015%
13	5.066	376	379	384	rVB6	4403	6098	0.18%	0.020%
14	5.319	419	422	425	rBV4	3447	5269	0.15%	0.017%
15	5.631	472	475	479	rVV5	3412	4745	0.14%	0.015%
16	6.431	605	611	614	rBV7	2571	4413	0.13%	0.014%
17	6.631	642	645	650	rVB4	7547	12680	0.37%	0.041%
18	6.742	660	664	668	rBV4	7645	11187	0.33%	0.036%
19	6.801	668	674	690	rVV	271006	466501	13.56%	1.514%
20	6.942	690	698	706	rVV	216328	339888	9.88%	1.103%
21	7.154	728	734	741	rBV	281373	436159	12.67%	1.415%
22	7.254	748	751	756	rVB5	7156	10418	0.30%	0.034%
23	7.437	777	782	784	rBV6	3190	4524	0.13%	0.015%
24	7.613	805	812	823	rBV	731430	1121356	32.59%	3.638%
25	7.695	823	826	832	rVB8	4972	8914	0.26%	0.029%
26	7.866	845	855	859	rBV10	5817	15849	0.46%	0.051%
27	8.342	923	936	941	rBV	334870	525099	15.26%	1.704%
28	8.395	941	945	950	rVV	187213	269780	7.84%	0.875%
29	8.766	1000	1008	1019	rBV	256418	421089	12.24%	1.366%
30	8.942	1036	1038	1044	rVB7	3813	5541	0.16%	0.018%
31	9.248	1084	1090	1093	rVB6	4412	8227	0.24%	0.027%
32	9.489	1125	1131	1139	rBV	203293	334026	9.71%	1.084%
33	9.648	1153	1158	1159	rBV5	3402	5262	0.15%	0.017%
34	9.742	1170	1174	1183	rVV5	14337	23990	0.70%	0.078%
35	9.848	1186	1192	1197	rVB8	3825	7398	0.21%	0.024%
36	10.036	1217	1224	1240	rBV	331094	543685	15.80%	1.764%

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If leading or trailing edge < 100 prefer < Baseline drop else tangent >

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37	10.178	1243	1248	1259	rVV	47041	77608	2.26%	0.252%
38	10.401	1280	1286	1297	rBV	1016948	1675311	48.68%	5.436%
39	10.536	1302	1309	1321	rBV	313055	527950	15.34%	1.713%
40	10.942	1372	1378	1383	rBV7	5059	8861	0.26%	0.029%
41	11.201	1418	1422	1427	rVB4	7066	12636	0.37%	0.041%
42	11.901	1534	1541	1548	rBV	49881	84279	2.45%	0.273%
43	11.995	1553	1557	1563	rVB2	7976	12859	0.37%	0.042%
44	12.613	1659	1662	1667	rVB5	5289	8734	0.25%	0.028%
45	12.866	1699	1705	1709	rVB3	6518	10298	0.30%	0.033%
46	12.954	1718	1720	1723	rBV4	3412	4835	0.14%	0.016%
47	13.107	1740	1746	1750	rBV7	5232	9076	0.26%	0.029%
48	13.166	1750	1756	1761	rVB9	5191	8379	0.24%	0.027%
49	13.666	1835	1841	1847	rBV	707559	918619	26.69%	2.981%
50	13.907	1879	1882	1883	rBV2	5830	4845	0.14%	0.016%
51	13.954	1883	1890	1898	rVV	718089	1030865	29.96%	3.345%
52	14.048	1900	1906	1908	rBV	22215	34390	1.00%	0.112%
53	14.124	1917	1919	1923	rVB5	7740	10217	0.30%	0.033%
54	14.171	1923	1927	1930	rBV6	4189	4865	0.14%	0.016%
55	14.265	1935	1943	1953	rBV	1666077	2418676	70.28%	7.848%
56	14.407	1961	1967	1972	rBV8	5717	10653	0.31%	0.035%
57	14.471	1972	1978	1991	rBV	208539	336638	9.78%	1.092%
58	14.601	1996	2000	2003	rVB6	3779	5586	0.16%	0.018%
59	14.677	2008	2013	2019	rVB5	20862	39959	1.16%	0.130%
60	14.842	2035	2041	2042	rBV6	4870	6828	0.20%	0.022%
61	14.907	2049	2052	2055	rVB5	3000	4324	0.13%	0.014%
62	15.007	2065	2069	2072	rVB2	4121	5820	0.17%	0.019%
63	15.077	2074	2081	2086	rVV8	7196	16890	0.49%	0.055%
64	15.113	2086	2087	2094	rVB6	2988	4454	0.13%	0.014%
65	15.254	2104	2111	2119	rBV	998066	1393552	40.50%	4.522%
66	15.365	2124	2130	2140	rBV	163895	239974	6.97%	0.779%
67	15.489	2145	2151	2157	rVB3	11413	20895	0.61%	0.068%
68	15.748	2189	2195	2201	rVB8	8635	15913	0.46%	0.052%
69	15.924	2221	2225	2229	rVB7	5686	9487	0.28%	0.031%
70	15.977	2229	2234	2237	rVV5	8501	10919	0.32%	0.035%
71	16.030	2239	2243	2248	rVV7	4960	8083	0.23%	0.026%
72	16.083	2248	2252	2255	rVV4	3588	4626	0.13%	0.015%
73	16.118	2255	2258	2261	rVV5	4164	7819	0.23%	0.025%
74	16.142	2261	2262	2267	rVB5	6923	6663	0.19%	0.022%
75	16.254	2277	2281	2282	rBV4	3719	5581	0.16%	0.018%
76	16.401	2301	2306	2312	rBV3	13896	21113	0.61%	0.069%

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77	16.777	2367	2370	2375	rVB	8392	10775	0.31%	0.035%
78	16.901	2386	2391	2392	rBV4	3850	5449	0.16%	0.018%
79	16.989	2400	2406	2416	rBV	2117050	2913234	84.66%	9.452%
80	17.089	2417	2423	2434	rVV	1068506	1495609	43.46%	4.853%
81	17.183	2434	2439	2444	rVB5	29118	39737	1.15%	0.129%
82	17.365	2466	2470	2478	rVB8	12850	24511	0.71%	0.080%
83	17.530	2493	2498	2501	rVB7	4515	7125	0.21%	0.023%
84	17.659	2516	2520	2524	rBV5	14607	18959	0.55%	0.062%
85	17.759	2533	2537	2542	rBV4	17321	24705	0.72%	0.080%
86	17.818	2545	2547	2551	rVB5	4439	4916	0.14%	0.016%
87	17.883	2552	2558	2565	rBV	193559	303882	8.83%	0.986%
88	18.542	2668	2670	2674	rVB5	5861	6618	0.19%	0.021%
89	18.771	2705	2709	2713	rBV7	10139	13180	0.38%	0.043%
90	18.900	2727	2731	2733	rBV4	14278	18532	0.54%	0.060%
91	18.936	2734	2737	2741	rVB5	15827	24653	0.72%	0.080%
92	19.012	2746	2750	2752	rBV	16778	20971	0.61%	0.068%
93	19.153	2771	2774	2779	rBV2	31756	45778	1.33%	0.149%
94	19.371	2806	2811	2824	rBV	1411820	1912320	55.57%	6.205%
95	20.859	3061	3064	3070	rBV3	89145	112150	3.26%	0.364%
96	21.153	3109	3114	3120	rBV	2690675	3326740	96.67%	10.794%
97	22.618	3360	3363	3367	rVB	236530	286678	8.33%	0.930%
98	23.165	3448	3456	3465	rVB2	1073950	2222896	64.60%	7.212%
99	23.300	3473	3479	3488	rVB2	1942428	3441260	100.00%	11.166%
100	23.730	3549	3552	3561	rVB	309475	536058	15.58%	1.739%

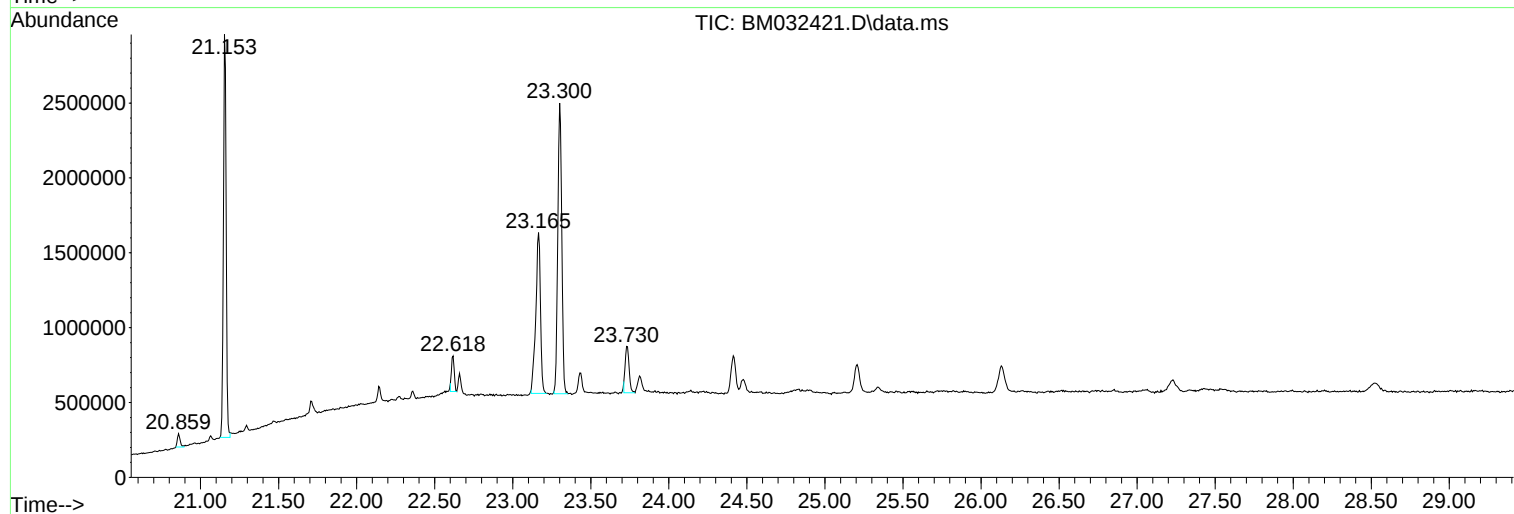
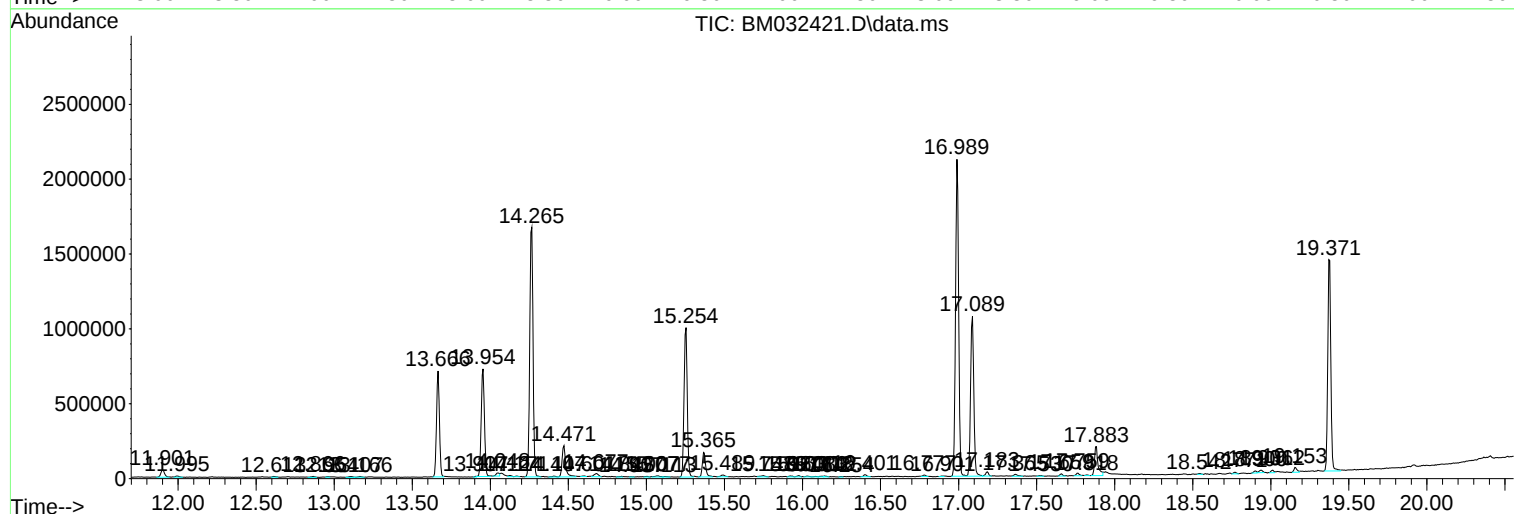
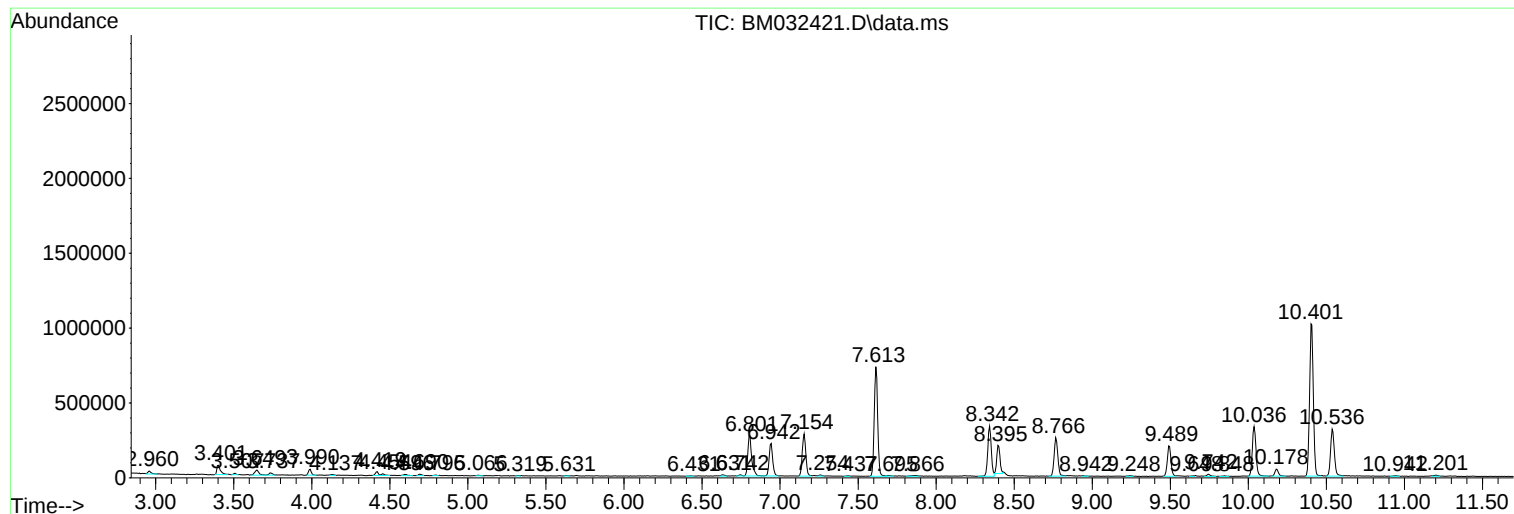
Sum of corrected areas: 30820350

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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P



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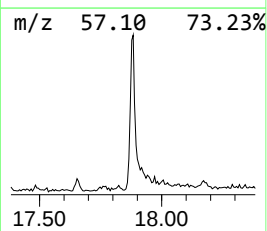
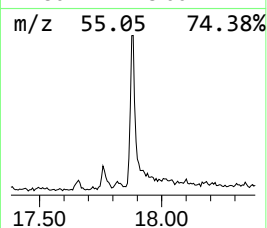
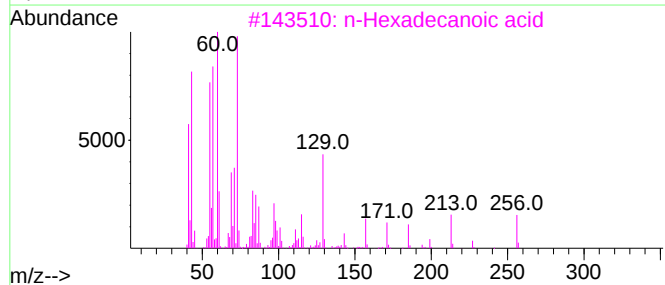
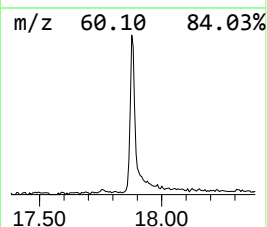
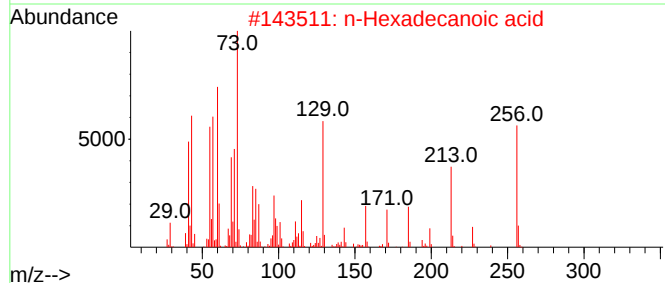
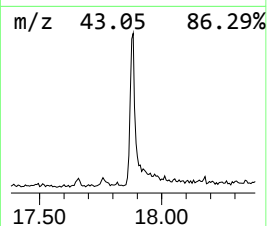
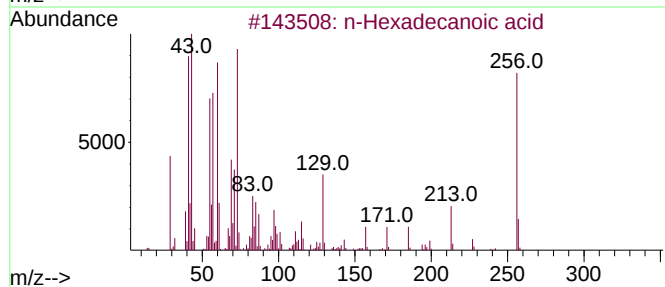
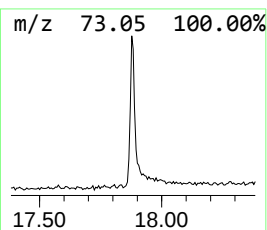
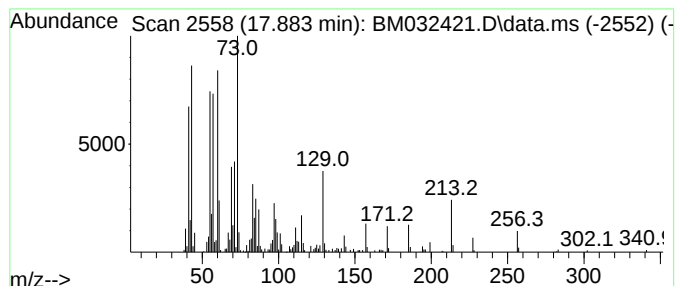
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM100521.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.883	2.09 ng/ul	303882	Phenanthrene-d10	16.989

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	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98		
4	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	97		
5	Tridecanoic acid	214	C13H26O2	000638-53-9	92		



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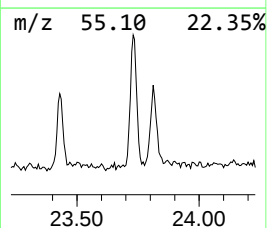
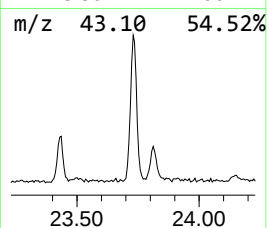
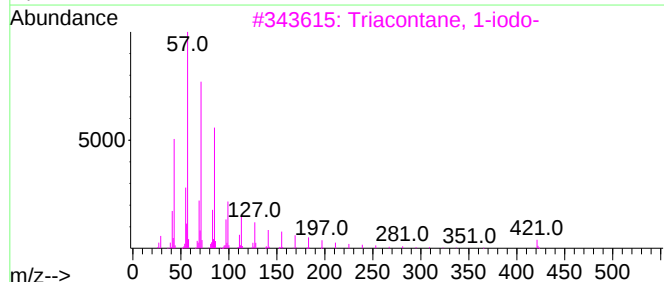
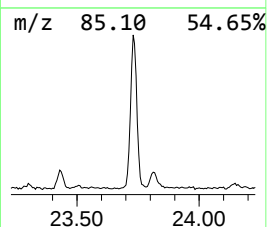
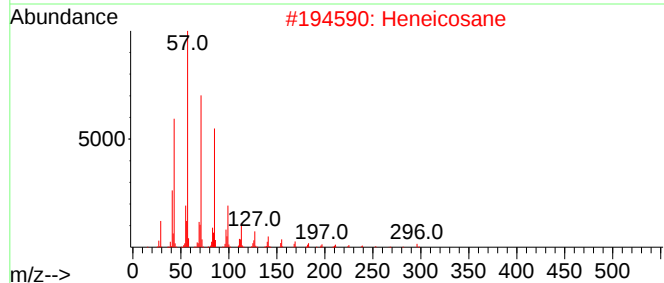
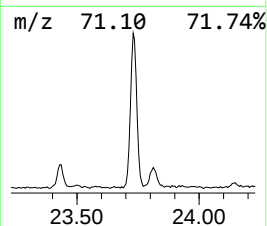
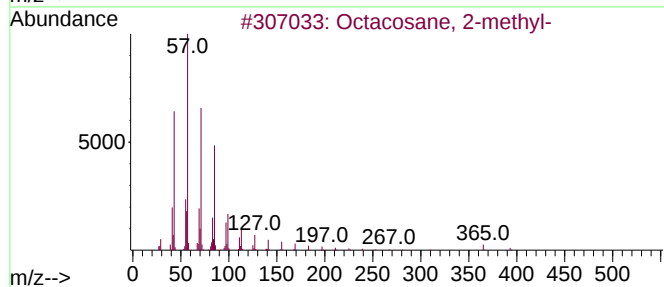
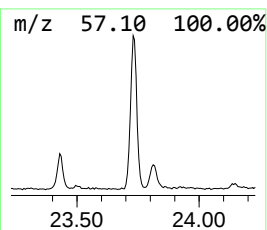
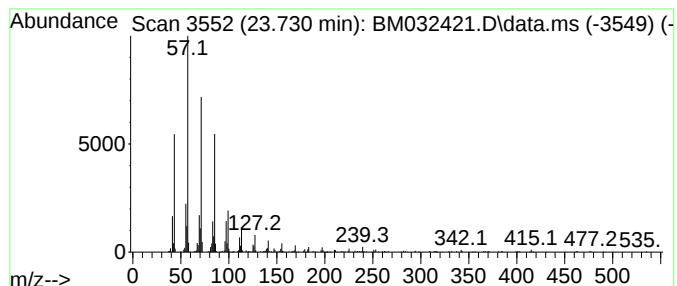
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Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.730	3.12 ng/ul	536058	Perylene-d12	23.300

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Octacosane, 2-methyl-	408	C29H60	001560-98-1	90
2		Heneicosane	296	C21H44	000629-94-7	90
3		Triacontane, 1-iodo-	548	C30H61I	1000406-32-3	90
4		Triacontane	422	C30H62	000638-68-6	90
5		Tetratriacontane, 2-methyl-	493	C35H72	014167-65-8	87



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TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
n-Hexadecanoic ...	17.883	2.1	ng/ul	303882	4	16.989	2913230	20.0
(DEL) Alkane: S...	23.730	3.1	ng/ul	536058	6	23.300	3441260	20.0