

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM050421\
 Data File : BM029839.D
 Acq On : 05 May 2021 22:35
 Operator : CG/JU
 Sample : M2129-04
 Misc :
 ALS Vial : 58 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 E0AC0

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\SFAM-EPA-BM050421.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	6.751	653	657	670	rVB2	273850	524968	22.83%	2.443%
2	6.910	680	684	696	rVB	230897	414344	18.02%	1.928%
3	7.098	712	716	728	rVB2	305520	546417	23.77%	2.543%
4	7.563	790	795	807	rVB	344868	581955	25.31%	2.708%
5	8.281	912	917	936	rVB	299807	583284	25.37%	2.714%
6	8.722	986	992	1011	rVB	258468	498481	21.68%	2.320%
7	9.439	1107	1114	1123	rBV	161882	302864	13.17%	1.409%
8	9.975	1199	1205	1218	rBV	276759	514418	22.38%	2.394%
9	10.339	1260	1267	1282	rBV	462217	778279	33.85%	3.622%
10	10.492	1287	1293	1312	rBV	202093	470700	20.47%	2.190%
11	12.369	1607	1612	1614	rBV5	1588	2427	0.11%	0.011%
12	13.039	1723	1726	1730	rBV4	2535	3116	0.14%	0.014%
13	13.380	1781	1784	1787	rVB4	1910	2362	0.10%	0.011%
14	13.633	1820	1827	1832	rBV	603492	868248	37.77%	4.040%
15	13.680	1832	1835	1844	rVV	39988	67038	2.92%	0.312%
16	13.904	1865	1873	1885	rBV	792187	1169238	50.86%	5.441%
17	14.127	1903	1911	1918	rVB6	6595	12609	0.55%	0.059%
18	14.210	1918	1925	1936	rBV	705382	1008473	43.87%	4.693%
19	14.457	1961	1967	1978	rBV4	33203	120772	5.25%	0.562%
20	14.651	1997	2000	2008	rVB5	7655	15063	0.66%	0.070%
21	14.751	2015	2017	2020	rVB4	2885	3011	0.13%	0.014%
22	15.051	2066	2068	2070	rBV3	2340	2457	0.11%	0.011%
23	15.080	2070	2073	2079	rVB5	5337	7499	0.33%	0.035%
24	15.210	2089	2095	2112	rBV	984564	1439512	62.61%	6.698%
25	15.345	2112	2118	2128	rVV	123423	206279	8.97%	0.960%
26	15.451	2132	2136	2140	rVV3	9328	16263	0.71%	0.076%
27	15.486	2140	2142	2146	rVB3	4678	5595	0.24%	0.026%
28	15.998	2227	2229	2234	rVB5	5691	6989	0.30%	0.033%
29	16.098	2243	2246	2253	rBV7	4107	8177	0.36%	0.038%
30	16.198	2260	2263	2268	rVB2	8967	11642	0.51%	0.054%
31	16.304	2278	2281	2284	rBV5	2774	2995	0.13%	0.014%
32	16.704	2344	2349	2351	rBV4	3684	4779	0.21%	0.022%
33	16.733	2351	2354	2359	rVV6	5223	8844	0.38%	0.041%
34	16.786	2359	2363	2367	rVB4	4000	6196	0.27%	0.029%

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35	16.874	2374	2378	2380	rBV4	5456	7039	0.31%	0.033%
36	16.956	2386	2392	2399	rBV	805215	1115288	48.51%	5.190%
37	17.015	2399	2402	2403	rVV3	13461	15994	0.70%	0.074%
38	17.056	2403	2409	2421	rVB	1058735	1495046	65.03%	6.957%
39	17.262	2441	2444	2446	rBV4	2378	2716	0.12%	0.013%
40	17.333	2453	2456	2459	rBV3	5515	7983	0.35%	0.037%
41	17.362	2459	2461	2464	rVB4	2776	3170	0.14%	0.015%
42	17.468	2474	2479	2483	rBV8	3939	6862	0.30%	0.032%
43	17.556	2489	2494	2496	rVB5	2057	3271	0.14%	0.015%
44	17.645	2506	2509	2512	rVB5	4099	5309	0.23%	0.025%
45	17.686	2512	2516	2518	rVB5	2078	2719	0.12%	0.013%
46	17.715	2518	2521	2523	rBV4	2260	2775	0.12%	0.013%
47	17.815	2531	2538	2542	rBV6	9935	20307	0.88%	0.094%
48	17.868	2542	2547	2557	rBV	100431	174005	7.57%	0.810%
49	18.162	2596	2597	2601	rVB3	4427	3249	0.14%	0.015%
50	18.356	2626	2630	2632	rBV4	4336	5889	0.26%	0.027%
51	18.539	2658	2661	2663	rBV4	4610	4394	0.19%	0.020%
52	18.621	2669	2675	2681	rBV4	10296	19112	0.83%	0.089%
53	18.698	2686	2688	2692	rBV5	2994	3648	0.16%	0.017%
54	18.803	2701	2706	2707	rBV4	3354	4889	0.21%	0.023%
55	18.886	2718	2720	2722	rBV3	2982	4124	0.18%	0.019%
56	18.986	2734	2737	2743	rBV3	6697	13150	0.57%	0.061%
57	19.056	2747	2749	2755	rVB7	6002	9620	0.42%	0.045%
58	19.156	2762	2766	2773	rBV2	54728	94517	4.11%	0.440%
59	19.239	2778	2780	2784	rVB3	9585	10650	0.46%	0.050%
60	19.350	2794	2799	2808	rBV	1384639	1867230	81.22%	8.689%
61	20.874	3054	3058	3067	rBV	181758	317943	13.83%	1.479%
62	21.144	3099	3104	3114	rBV	1058068	1407125	61.21%	6.548%
63	23.168	3442	3448	3461	rVB	1190886	2298990	100.00%	10.698%
64	23.303	3465	3471	3484	rVB2	853020	1631647	70.97%	7.592%
65	23.815	3554	3558	3567	rVB	158895	290888	12.65%	1.354%
66	24.527	3674	3679	3693	rVB4	164157	425632	18.51%	1.981%

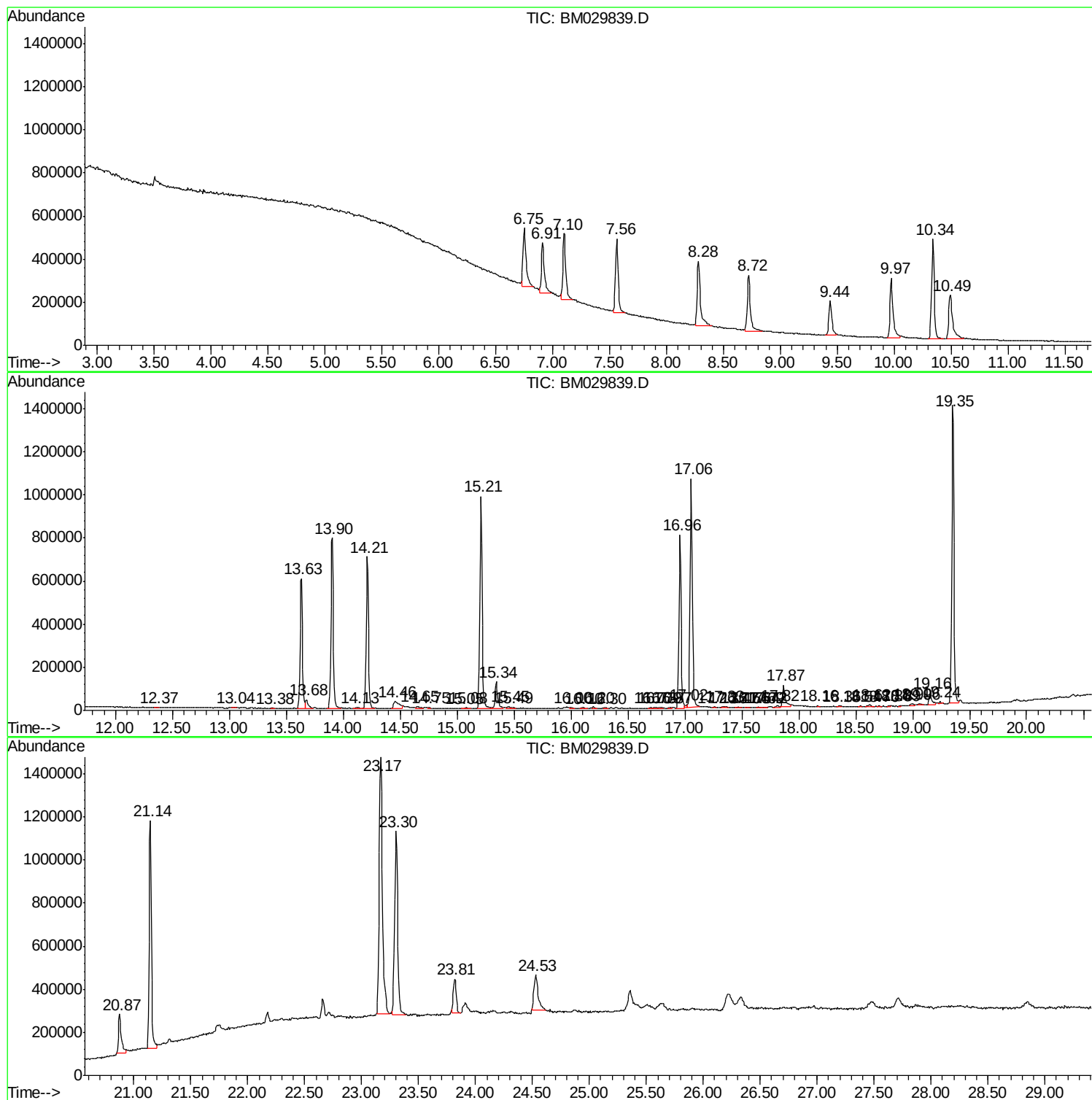
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



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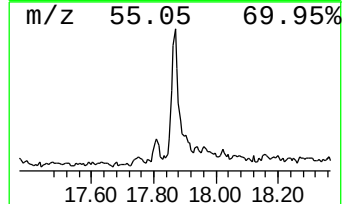
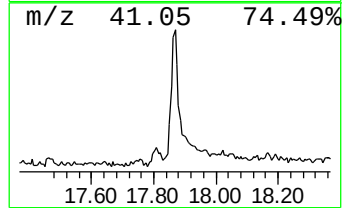
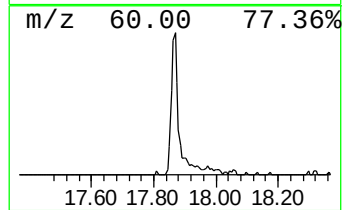
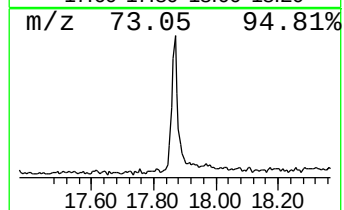
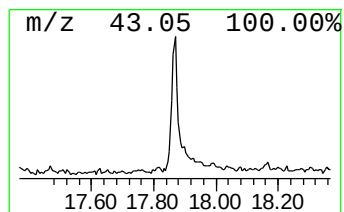
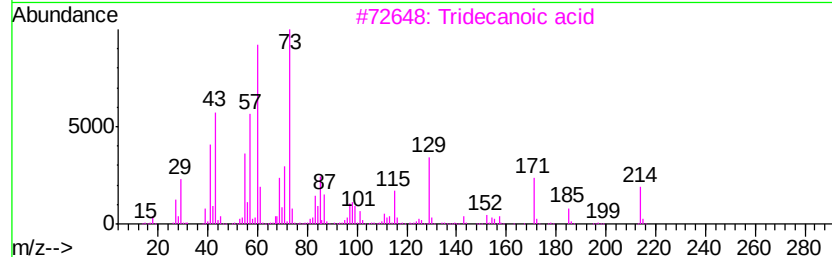
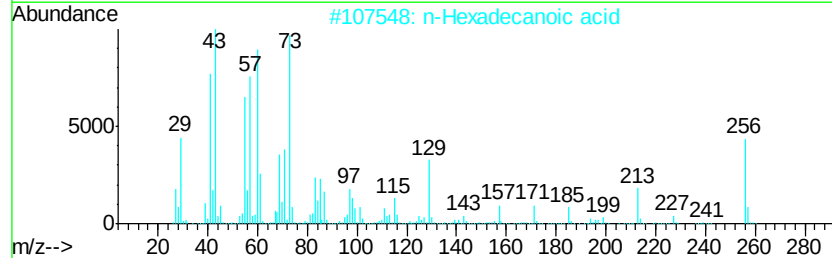
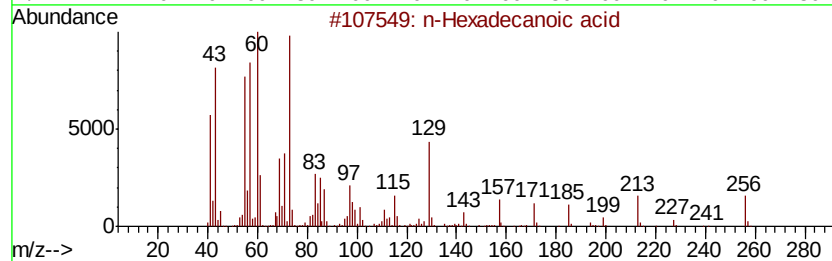
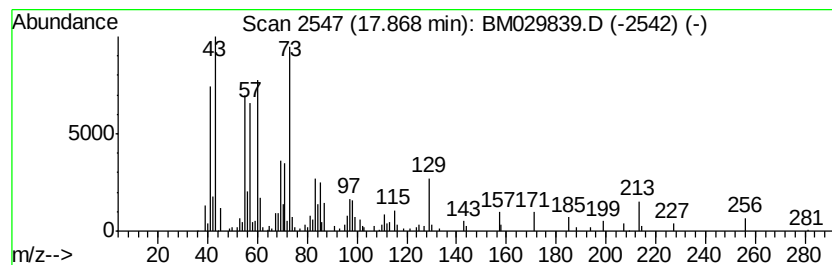
Instrument :
BNA_M
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM050421.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 n-Hexadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.		
17.87	3.12 ng/ul	174005	Phenanthrene-d10	16.96		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	96	
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	94	
3	Tridecanoic acid	214	C13H26O2	000638-53-9	83	
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	72	
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	72	



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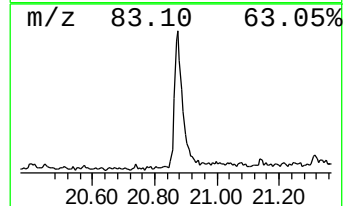
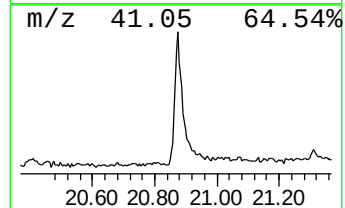
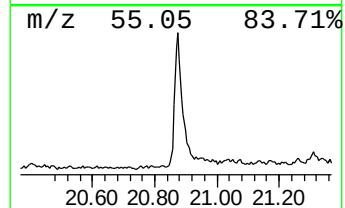
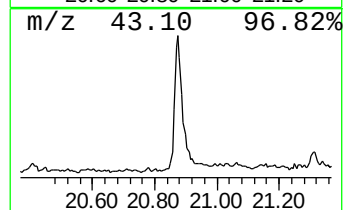
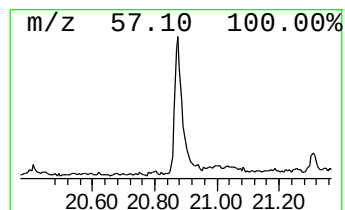
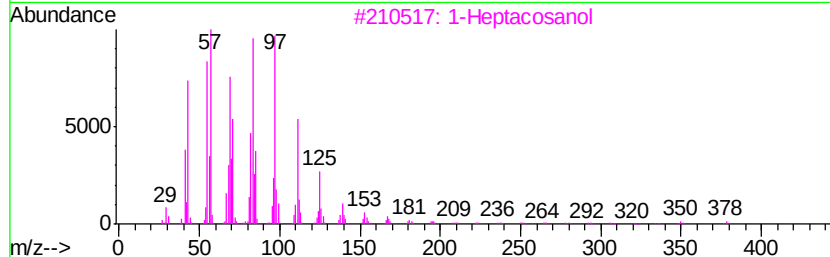
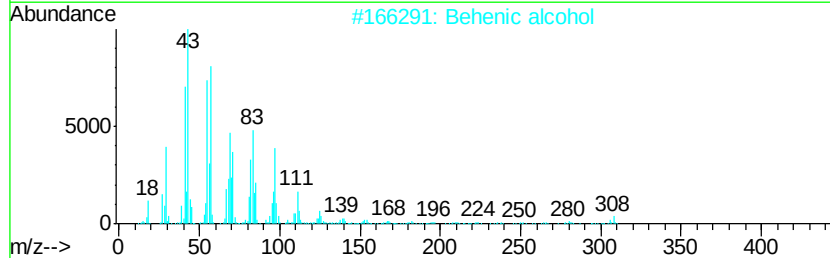
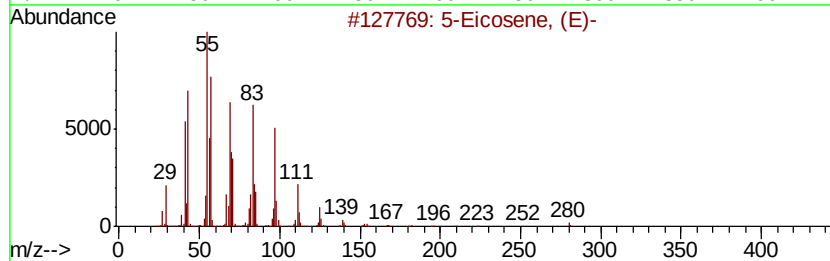
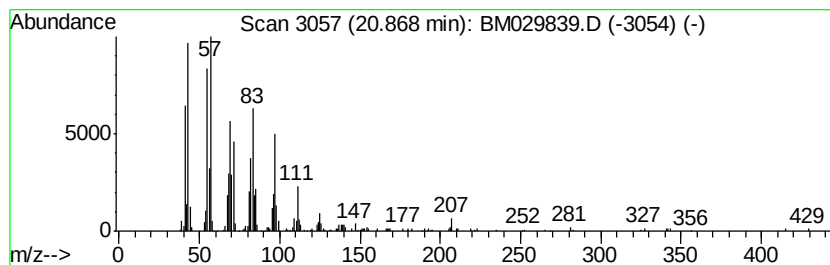
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Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.87	4.52 ng/ul	317943	Chrysene-d12	21.14

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			5-Eicosene, (E)-	280	C20H40	074685-30-6	91
2			Behenic alcohol	326	C22H46O	000661-19-8	90
3			1-Heptacosanol	396	C27H56O	002004-39-9	90
4			Pentafluoropropionic acid, hepta...	402	C20H35F5O2	959218-78-1	81
5			Trifluoroacetoxy hexadecane	338	C18H33F3O2	006222-03-3	81



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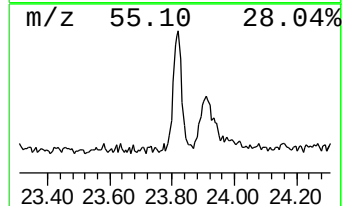
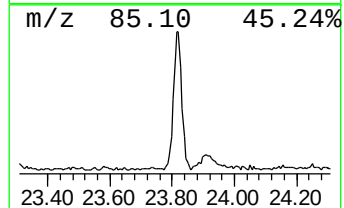
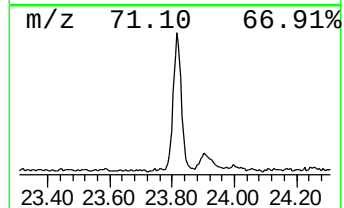
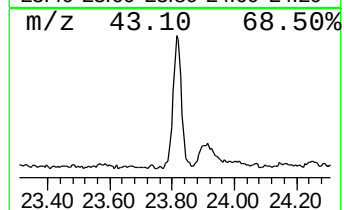
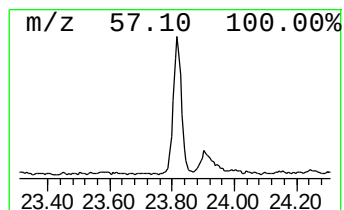
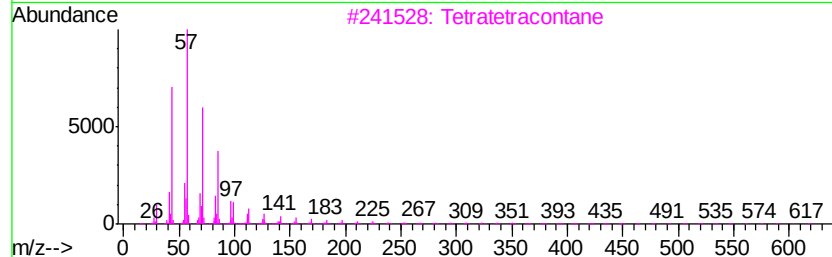
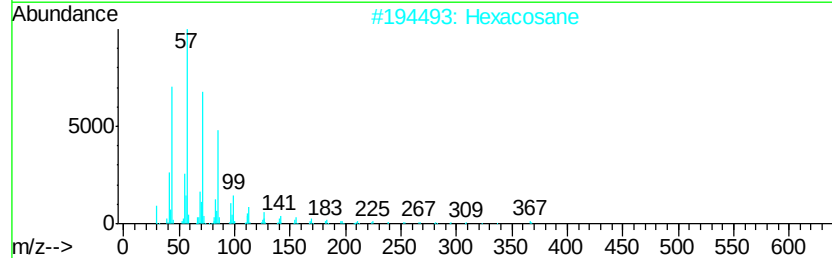
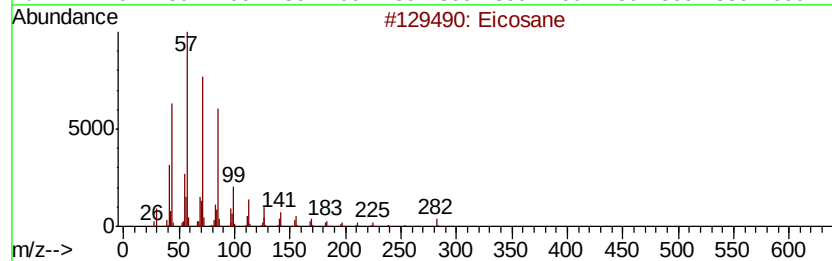
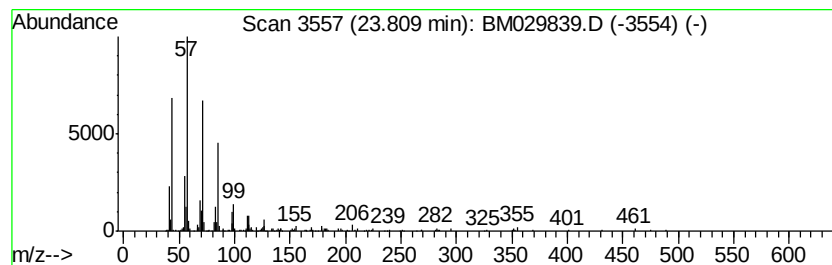
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TIC Integration Parameters: LSCINT.P

Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.81	3.57 ng/ul	290888	Perylene-d12	23.30

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Eicosane	282	C20H42	000112-95-8	93
2		Hexacosane	366	C26H54	000630-01-3	90
3		Tetratetracontane	619	C44H90	007098-22-8	90
4		Octacosane	394	C28H58	000630-02-4	90
5		Octacosane	394	C28H58	000630-02-4	87



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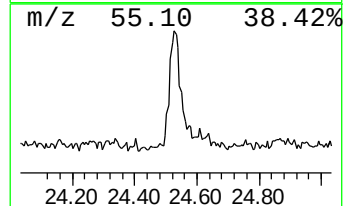
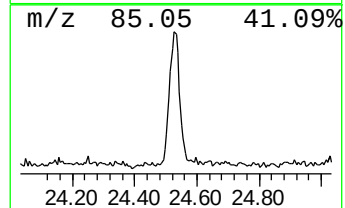
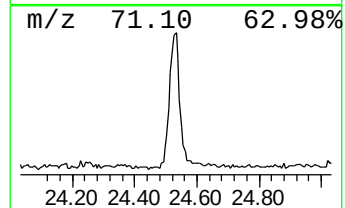
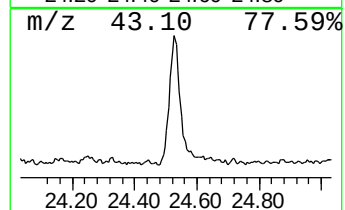
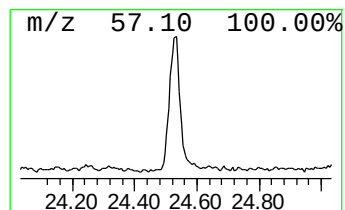
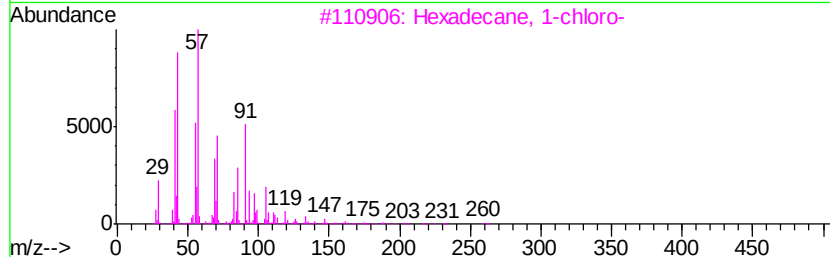
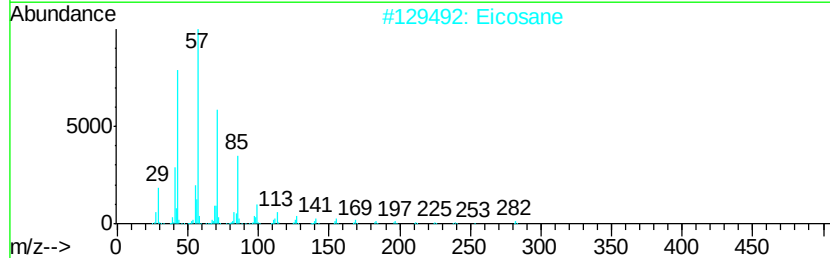
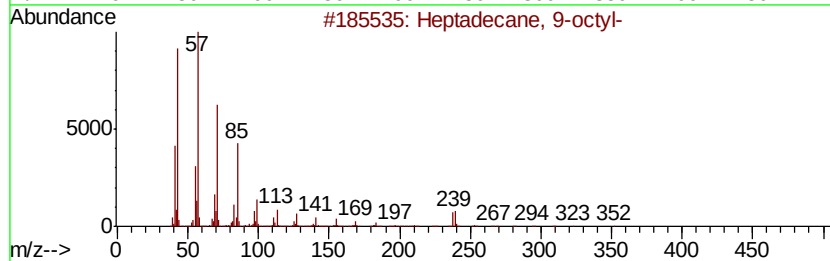
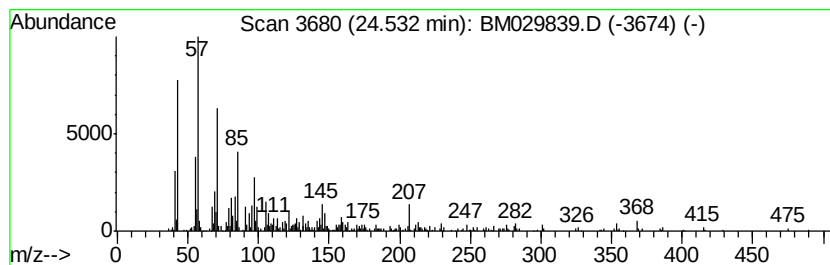
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Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.	
24.53	5.22 ng/ul	425632	Perylene-d12	23.30	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	96
2	Eicosane	282	C20H42	000112-95-8	86
3	Hexadecane, 1-chloro-	260	C16H33Cl	004860-03-1	86
4	Octadecane	254	C18H38	000593-45-3	83
5	Heptacosane, 1-chloro-	414	C27H55Cl	062016-79-9	70



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
n-Hexadecanoic acid	17.87	3.1	ng/ul	174005	4	16.96	1115290	20.0
(DEL) Alkane: Str...	20.87	4.5	ng/ul	317943	5	21.14	1407130	20.0
(DEL) Alkane: Str...	23.81	3.6	ng/ul	290888	6	23.30	1631650	20.0
(DEL) Alkane: Str...	24.53	5.2	ng/ul	425632	6	23.30	1631650	20.0