

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM051821\
 Data File : BM030072.D
 Acq On : 18 May 2021 19:16
 Operator : CG/JU
 Sample : M2445-02
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BG1Z4

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-BM050721.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	6.716	646	651	664	rBV	70343	171733	3.17%	0.422%
2	6.869	671	677	695	rBV	330948	647811	11.96%	1.592%
3	7.057	702	709	722	rBV	396571	737866	13.62%	1.813%
4	7.516	781	787	800	rBV	422847	751016	13.87%	1.846%
5	8.239	903	910	928	rBV	249178	530552	9.79%	1.304%
6	8.675	976	984	1008	rBV	473811	932072	17.21%	2.291%
7	9.392	1097	1106	1121	rBV	404899	773690	14.28%	1.901%
8	9.928	1189	1197	1228	rBV	376065	1045952	19.31%	2.571%
9	10.292	1251	1259	1274	rBV	656554	1157819	21.38%	2.845%
10	10.510	1289	1296	1298	rBV5	7212	13131	0.24%	0.032%
11	11.927	1530	1537	1541	rBV3	4946	10999	0.20%	0.027%
12	13.074	1728	1732	1737	rBV3	4730	7777	0.14%	0.019%
13	13.592	1813	1820	1825	rBV	1515013	2123347	39.20%	5.218%
14	13.639	1825	1828	1838	rVB	89143	150054	2.77%	0.369%
15	13.857	1859	1865	1884	rBV	1662064	2402212	44.35%	5.904%
16	14.168	1911	1918	1928	rBV	1163042	1686595	31.14%	4.145%
17	14.457	1962	1967	1968	rBV4	11439	16396	0.30%	0.040%
18	15.168	2081	2088	2106	rBV	2207337	3246255	59.93%	7.978%
19	15.310	2106	2112	2126	rVV	773505	1203242	22.21%	2.957%
20	15.415	2126	2130	2141	rVB2	29963	60145	1.11%	0.148%
21	15.904	2210	2213	2218	rVV4	3896	6591	0.12%	0.016%
22	15.957	2218	2222	2230	rVB7	7603	12041	0.22%	0.030%
23	16.709	2347	2350	2360	rVB7	5648	11672	0.22%	0.029%
24	16.915	2379	2385	2396	rBV	1411590	2035179	37.57%	5.002%
25	17.015	2396	2402	2426	rVV	2529999	3821616	70.55%	9.392%
26	17.592	2497	2500	2504	rBV5	4346	5543	0.10%	0.014%
27	17.827	2536	2540	2551	rBV	137149	268976	4.97%	0.661%
28	18.956	2728	2732	2740	rBV	25811	45017	0.83%	0.111%
29	19.121	2756	2760	2769	rBV3	40283	83528	1.54%	0.205%
30	19.203	2771	2774	2782	rVB	24662	38797	0.72%	0.095%
31	19.315	2787	2793	2803	rBV	3425082	4666001	86.14%	11.467%
32	19.850	2882	2884	2889	rBV6	8063	11084	0.20%	0.027%
33	20.833	3047	3051	3061	rBV	464192	706474	13.04%	1.736%
34	21.109	3093	3098	3111	rBV	1792832	2461696	45.45%	6.050%

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35	22.133	3269	3272	3277	rBV2	70408	87455	1.61%	0.215%
36	22.615	3350	3354	3359	rBV	109866	152429	2.81%	0.375%
37	23.121	3433	3440	3452	rBV	2915341	5416587	100.00%	13.312%
38	23.256	3456	3463	3474	rVB2	1393157	2600916	48.02%	6.392%
39	23.756	3544	3548	3555	rVB	171092	289480	5.34%	0.711%
40	24.456	3663	3667	3675	rVB2	149596	300667	5.55%	0.739%

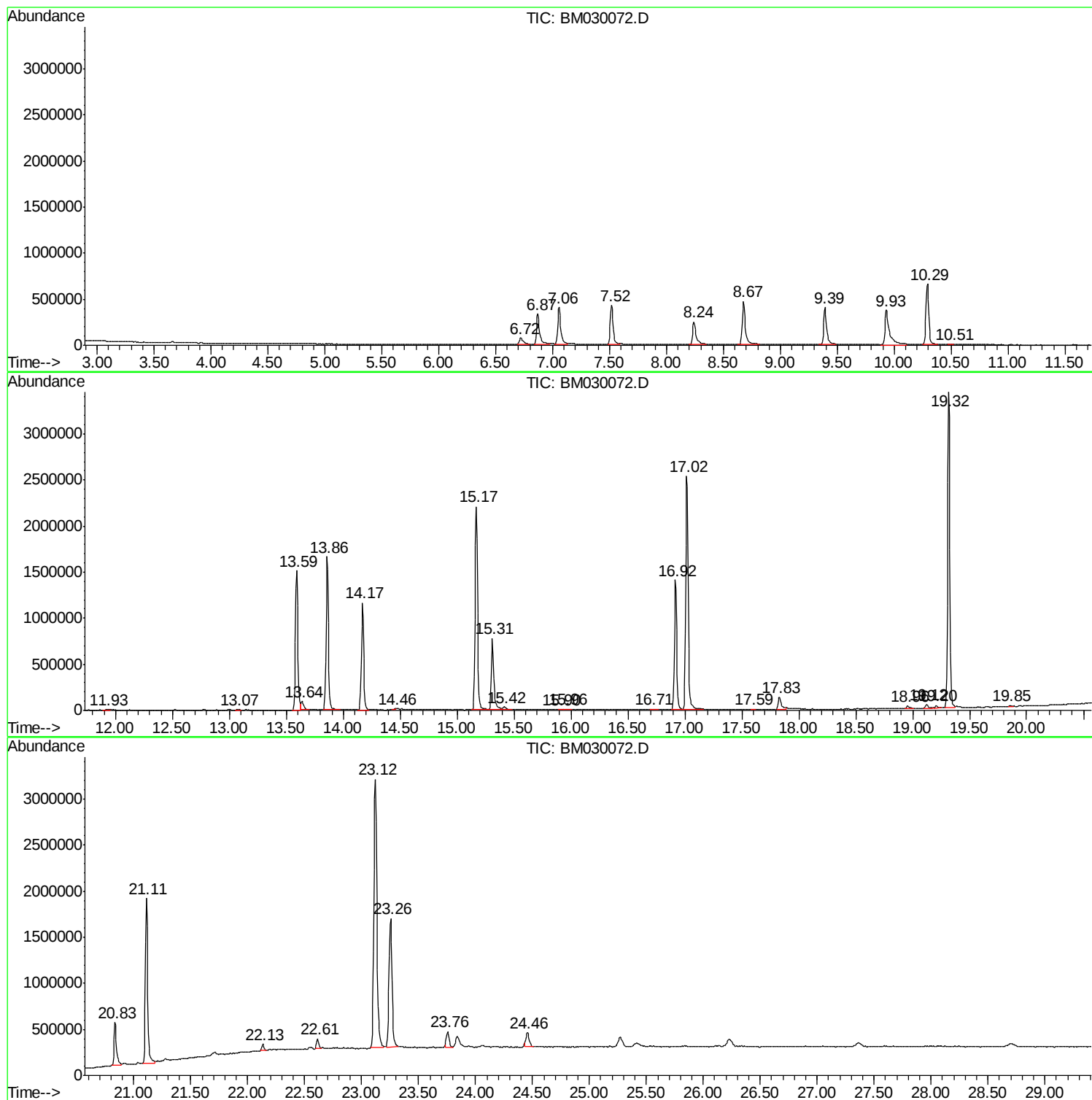
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Quant Title : SVOA CALIBRATION

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



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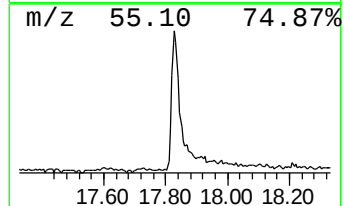
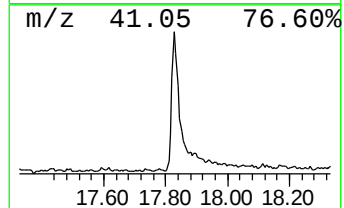
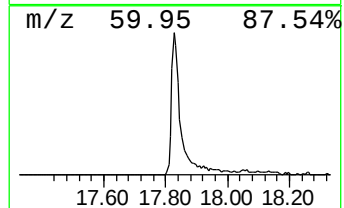
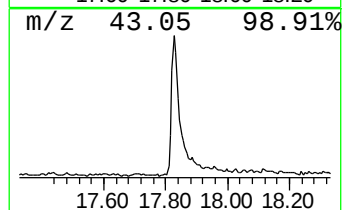
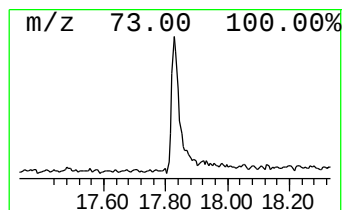
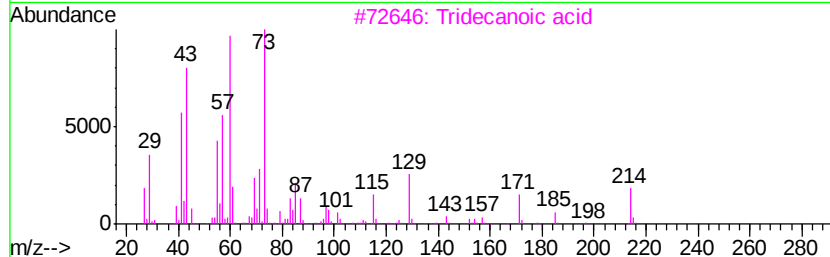
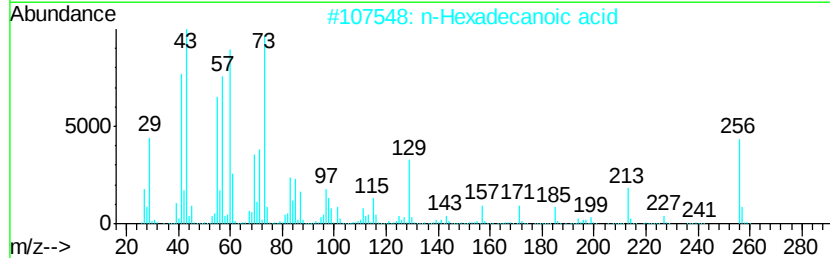
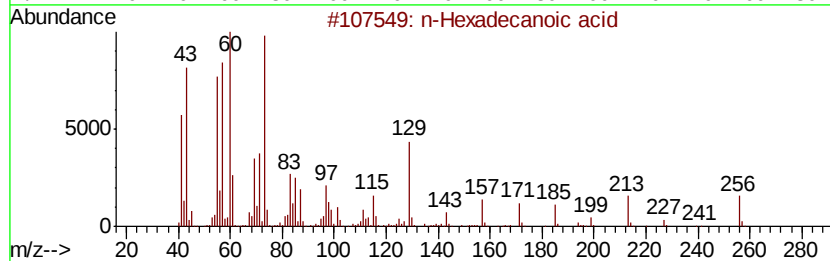
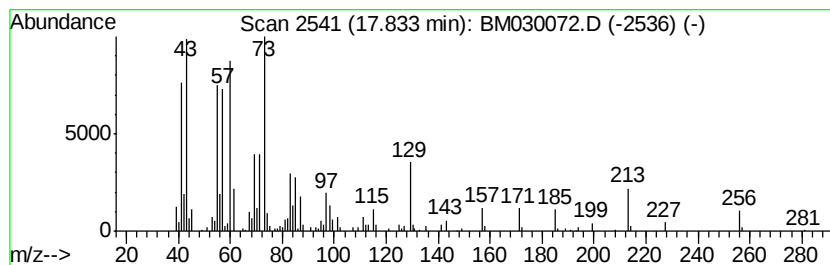
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM050721.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.		
17.83	2.64 ng/ul	268976	Phenanthrene-d10	16.92		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98	
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	91	
3	Tridecanoic acid	214	C13H26O2	000638-53-9	90	
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	76	
5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	74	



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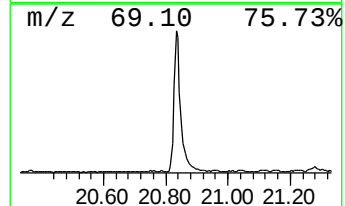
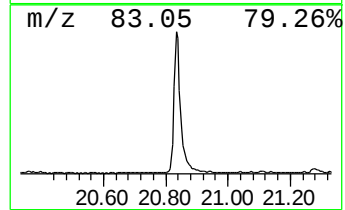
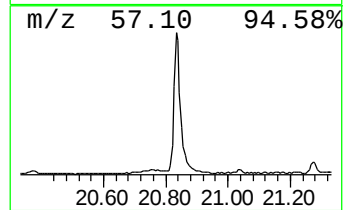
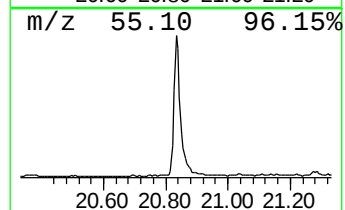
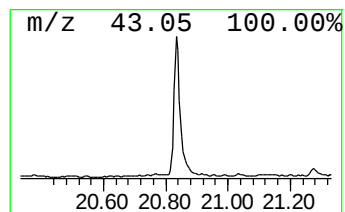
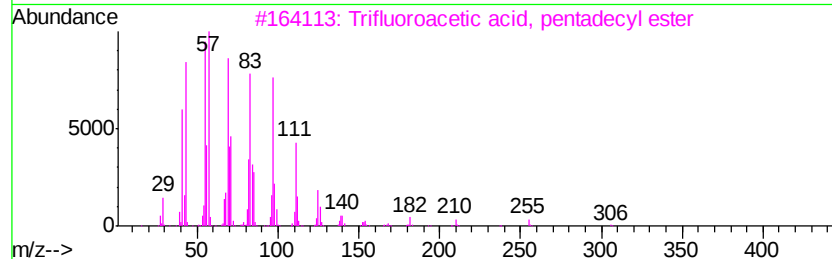
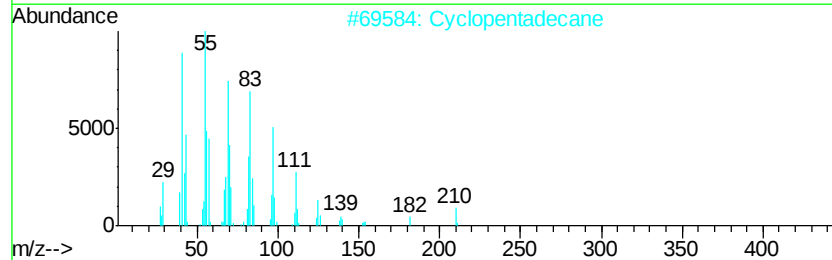
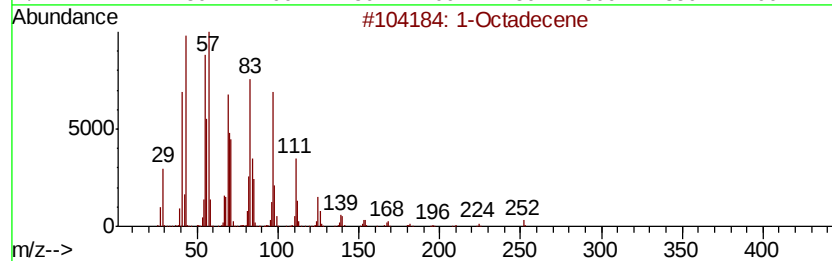
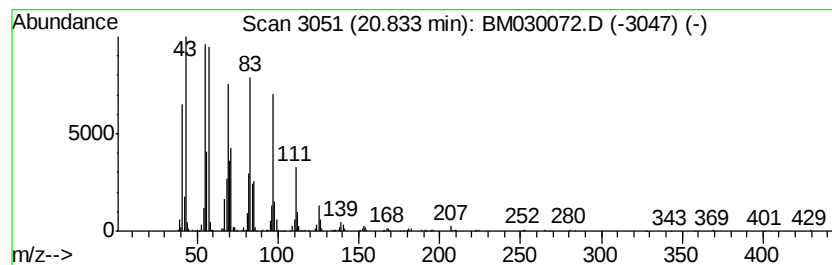
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Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.83	5.74 ng/ul	706474	Chrysene-d12	21.11

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-Octadecene	252	C18H36	000112-88-9	98
2		Cyclopentadecane	210	C15H30	000295-48-7	95
3		Trifluoroacetic acid, pentadecyl...	324	C17H31F3O2	959010-23-2	94
4		Pentafluoropropionic acid, penta...	374	C18H31F5O2	959092-08-1	94
5		Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	94



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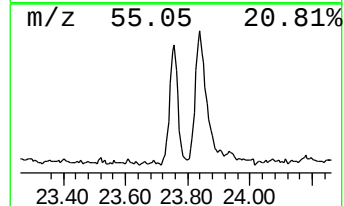
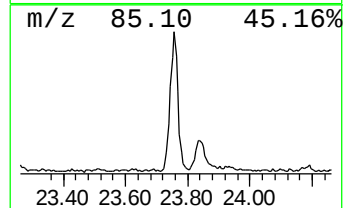
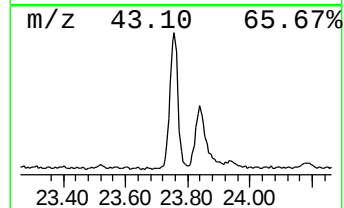
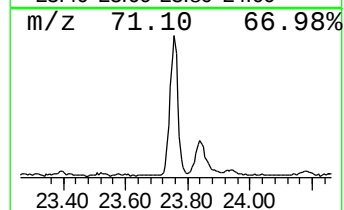
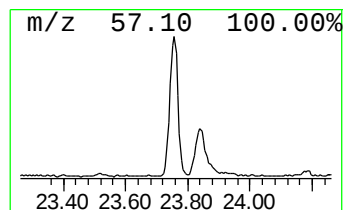
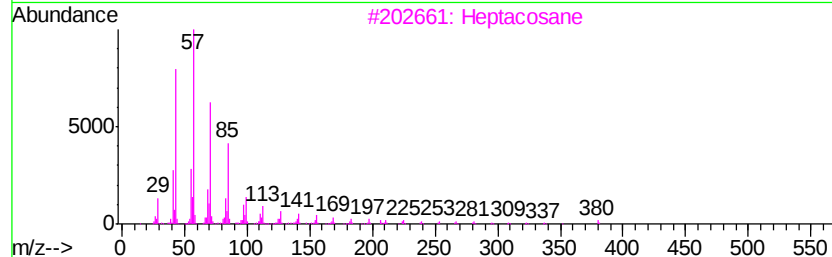
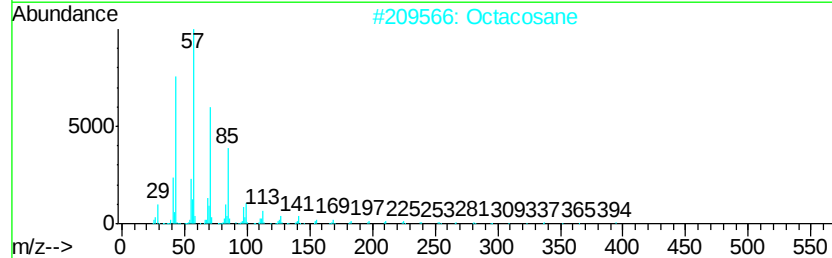
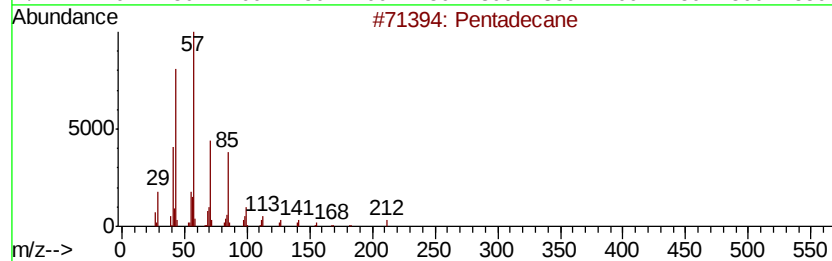
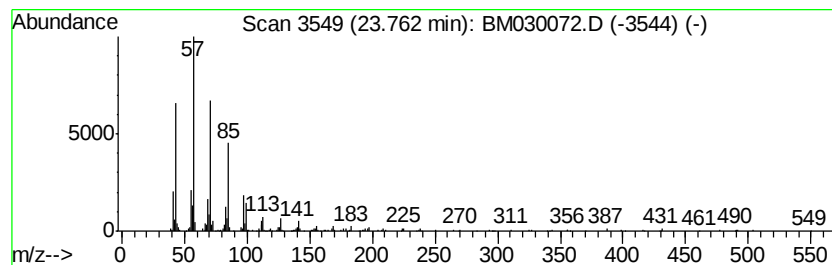
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Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.76	2.23 ng/ul	289480	Perylene-d12	23.26

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pentadecane	212	C15H32	000629-62-9	90
2		Octacosane	394	C28H58	000630-02-4	87
3		Heptacosane	380	C27H56	000593-49-7	87
4		Hexacosane	366	C26H54	000630-01-3	87
5		Heneicosane, 11-(1-ethylpropyl)-	366	C26H54	055282-11-6	87



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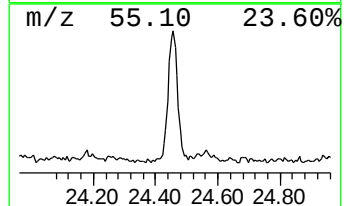
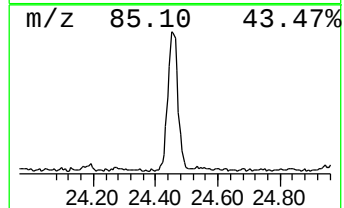
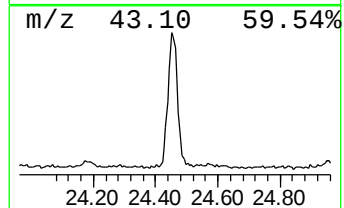
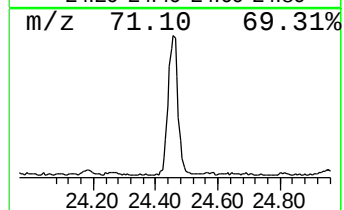
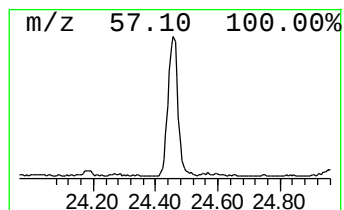
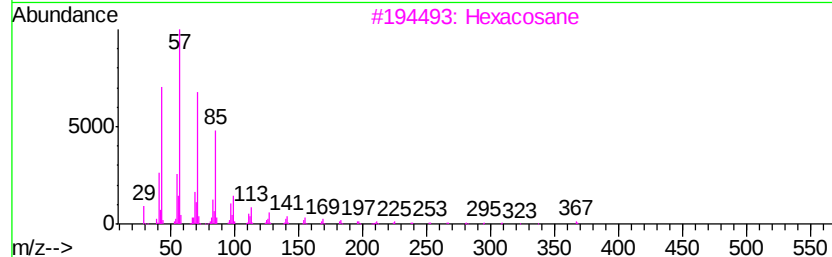
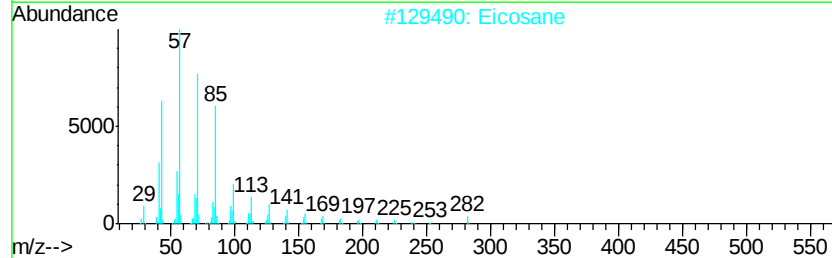
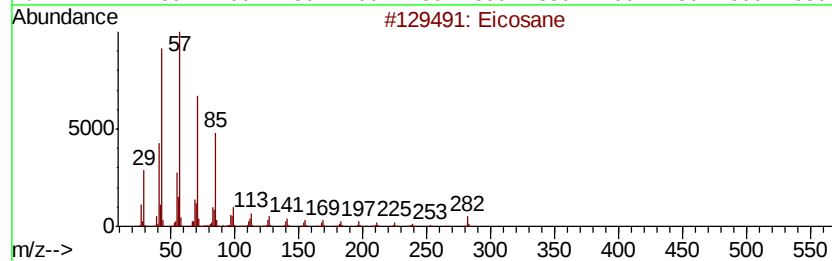
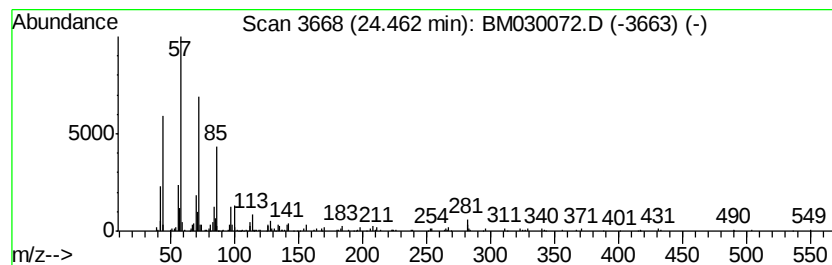
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Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.46	2.31 ng/ul	300667	Perylene-d12	23.26

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Eicosane	282	C20H42	000112-95-8	93
2		Eicosane	282	C20H42	000112-95-8	91
3		Hexacosane	366	C26H54	000630-01-3	87
4		Tetratetracontane	619	C44H90	007098-22-8	87
5		Heneicosane, 11-(1-ethylpropyl)-	366	C26H54	055282-11-6	83



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
n-Hexadecanoic acid	17.83	2.6	ng/ul	268976	4	16.92	2035180	20.0
(DEL) Alkane: Str...	20.83	5.7	ng/ul	706474	5	21.11	2461700	20.0
(DEL) Alkane: Str...	23.76	2.2	ng/ul	289480	6	23.26	2600920	20.0
(DEL) Alkane: Str...	24.46	2.3	ng/ul	300667	6	23.26	2600920	20.0