

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM052021\
 Data File : BM030145.D
 Acq On : 22 May 2021 11:24
 Operator : CG/JU
 Sample : M2459-03
 Misc :
 ALS Vial : 61 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0GK2

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	2.987	13	17	22	rBV2	19829	30653	0.48%	0.058%
2	3.028	22	24	29	rVB2	15767	19928	0.31%	0.037%
3	3.652	127	130	135	rVB2	13130	20323	0.32%	0.038%
4	3.740	143	145	150	rVB2	11390	14185	0.22%	0.027%
5	6.704	644	649	666	rBV	102071	243804	3.82%	0.457%
6	6.857	669	675	693	rBV	467121	862212	13.50%	1.618%
7	7.040	700	706	721	rBV	534872	974181	15.26%	1.828%
8	7.504	779	785	799	rBV	621130	1068490	16.73%	2.005%
9	8.228	902	908	929	rBV	354103	712882	11.16%	1.337%
10	8.663	975	982	1001	rBV	667523	1236319	19.36%	2.319%
11	8.863	1012	1016	1021	rVB6	4186	7830	0.12%	0.015%
12	9.069	1048	1051	1055	rVB4	6376	8255	0.13%	0.015%
13	9.375	1097	1103	1124	rBV	542622	1061210	16.62%	1.991%
14	9.916	1188	1195	1228	rBV	580062	1427341	22.35%	2.678%
15	10.275	1249	1256	1270	rBV	981104	1669931	26.15%	3.133%
16	10.492	1285	1293	1294	rBV6	8923	14060	0.22%	0.026%
17	11.557	1470	1474	1482	rVB2	13023	19077	0.30%	0.036%
18	11.910	1527	1534	1540	rBV3	8142	19316	0.30%	0.036%
19	12.763	1674	1679	1687	rVB7	3692	8537	0.13%	0.016%
20	13.063	1724	1730	1734	rVB6	5671	8727	0.14%	0.016%
21	13.580	1811	1818	1823	rBV	1953029	2700616	42.29%	5.066%
22	13.627	1823	1826	1839	rVB	118812	201232	3.15%	0.378%
23	13.845	1856	1863	1882	rBV	2173993	3172650	49.68%	5.952%
24	14.157	1909	1916	1929	rBV	1667082	2393956	37.49%	4.491%
25	14.457	1960	1967	1968	rBV5	18907	38331	0.60%	0.072%
26	14.933	2043	2048	2051	rBV3	5808	7999	0.13%	0.015%
27	15.157	2079	2086	2104	rBV	3010700	4212405	65.96%	7.903%
28	15.298	2104	2110	2124	rVV	1051685	1593284	24.95%	2.989%
29	15.404	2124	2128	2138	rVB	39017	73354	1.15%	0.138%
30	15.533	2145	2150	2156	rVB10	2684	7008	0.11%	0.013%
31	15.945	2217	2220	2226	rVB3	8686	13146	0.21%	0.025%
32	16.592	2327	2330	2336	rBV8	5113	8180	0.13%	0.015%
33	16.698	2342	2348	2359	rBV7	7548	22037	0.35%	0.041%
34	16.904	2377	2383	2394	rBV	1957358	2802458	43.88%	5.257%

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35	17.004	2394	2400	2423	rVV	3451721	5092317	79.74%	9.553%
36	17.210	2432	2435	2442	rVB7	5989	8756	0.14%	0.016%
37	17.815	2533	2538	2548	rBV	157810	281414	4.41%	0.528%
38	18.874	2714	2718	2722	rBV8	4014	6661	0.10%	0.012%
39	18.945	2725	2730	2736	rBV	36896	59564	0.93%	0.112%
40	19.109	2754	2758	2764	rBV4	42045	73198	1.15%	0.137%
41	19.192	2769	2772	2779	rVV	33492	48272	0.76%	0.091%
42	19.304	2785	2791	2809	rVV	4399488	6074679	95.13%	11.396%
43	19.433	2809	2813	2818	rVB3	27397	35004	0.55%	0.066%
44	19.845	2879	2883	2890	rBV9	17770	39358	0.62%	0.074%
45	20.827	3045	3050	3061	rBV	591906	924978	14.48%	1.735%
46	21.098	3091	3096	3111	rBV	2369288	3197250	50.07%	5.998%
47	22.121	3267	3270	3274	rVB	74654	83456	1.31%	0.157%
48	22.597	3348	3351	3355	rVB	130113	160751	2.52%	0.302%
49	23.103	3430	3437	3450	rBV2	3414266	6385931	100.00%	11.980%
50	23.239	3454	3460	3476	rVB2	1757091	3231189	50.60%	6.062%
51	23.738	3540	3545	3552	rVB	198686	344298	5.39%	0.646%
52	23.821	3555	3559	3570	rVB	121690	273599	4.28%	0.513%
53	24.433	3659	3663	3670	rVB	168283	309907	4.85%	0.581%

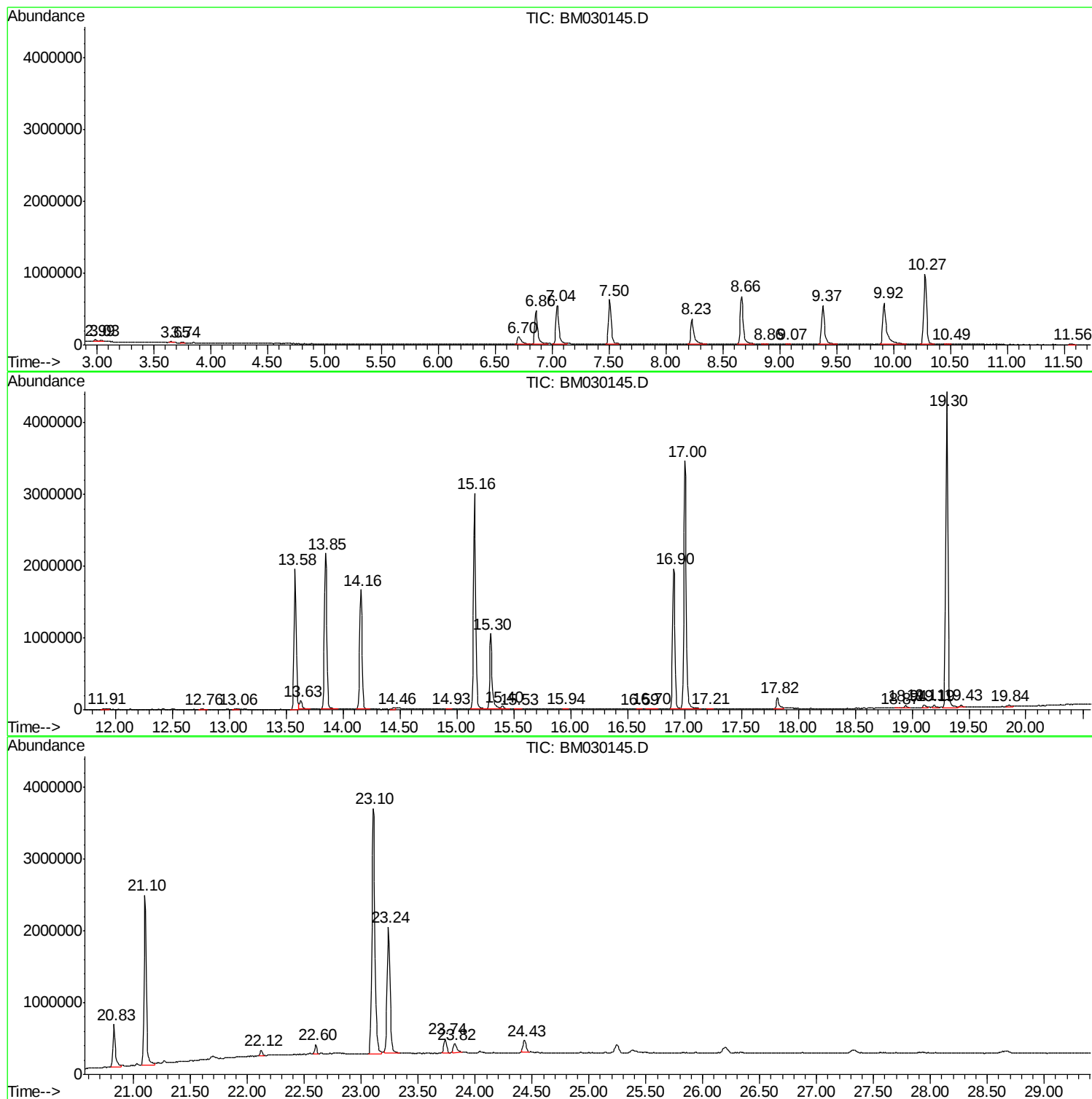
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM050721.M
Quant Title : SVOA CALIBRATION

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



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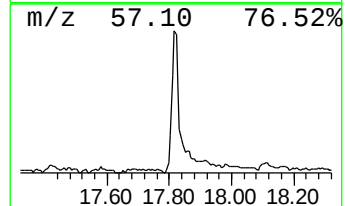
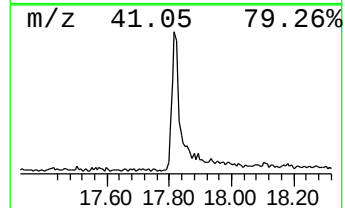
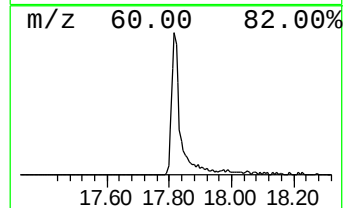
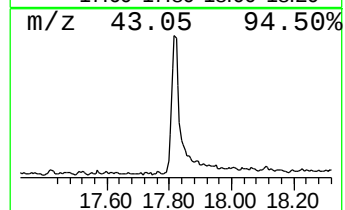
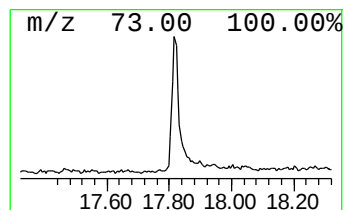
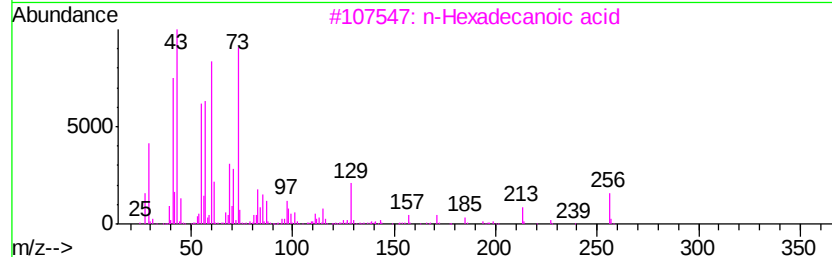
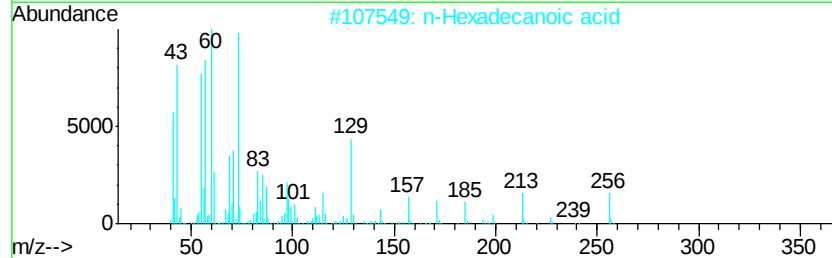
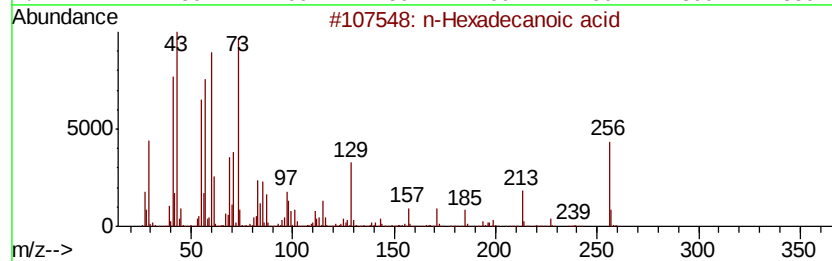
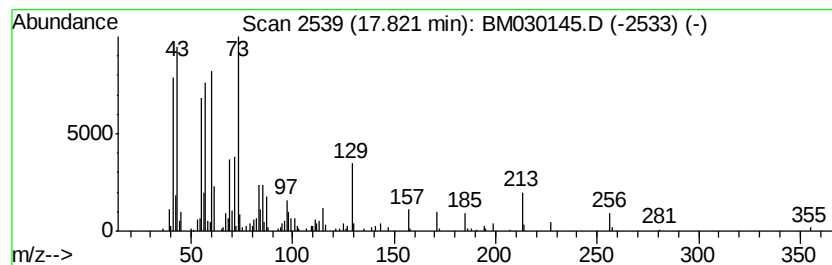
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 ClientSampleId :
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 Quant Title : SVOA CALIBRATION

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

 Peak Number 1 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.		
17.82	2.01 ng/ul	281414	Phenanthrene-d10	16.90		
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	95	
4	Octadecanoic acid	284	C18H36O2	000057-11-4	81	
5	Pentadecanoic acid	242	C15H30O2	001002-84-2	76	



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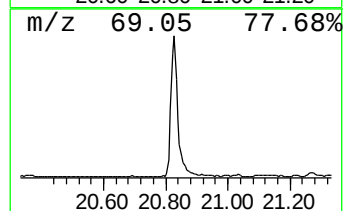
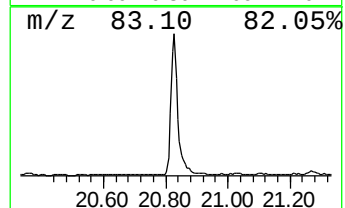
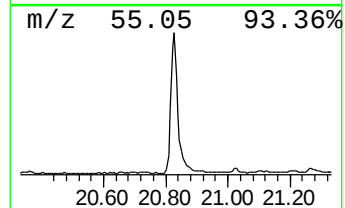
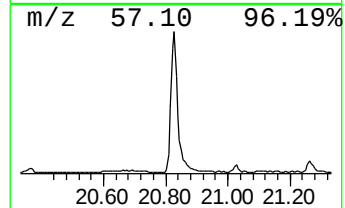
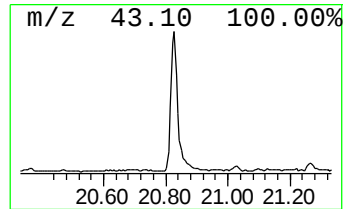
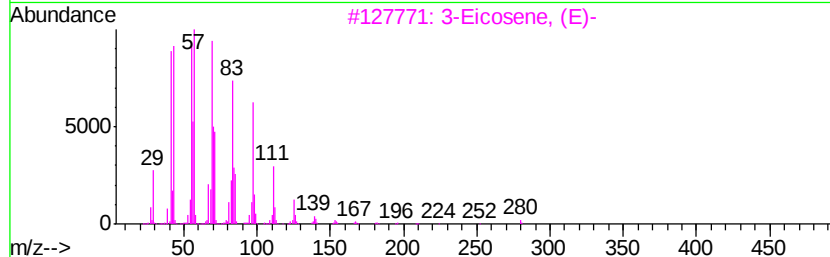
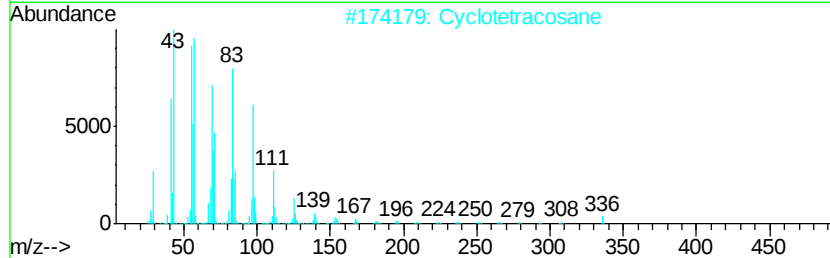
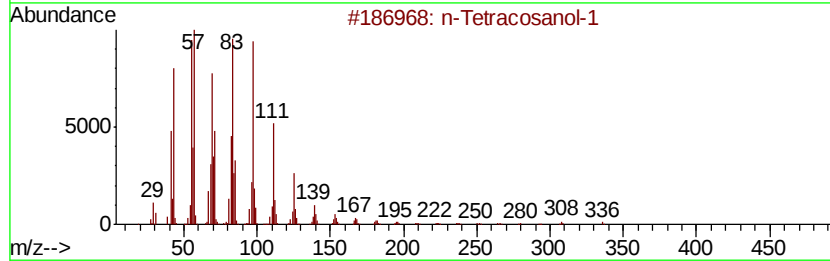
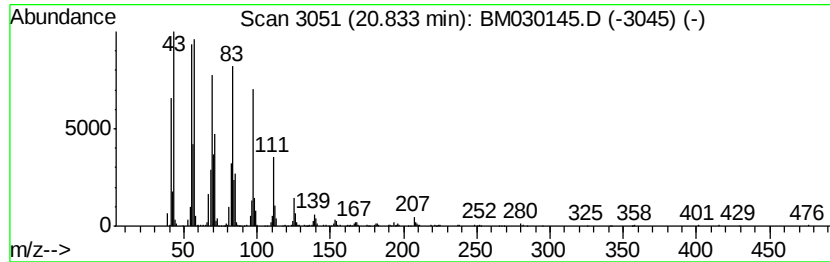
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Peak Number 2 n-Tetracosanol-1 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.83	5.79 ng/ul	924978	Chrysene-d12	21.10

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	n-Tetracosanol-1	354	C24H50O	000506-51-4	94
2		Cyclotetracosane	336	C24H48	000297-03-0	93
3		3-Eicosene, (E)-	280	C20H40	074685-33-9	91
4		Trifluoroacetoxy hexadecane	338	C18H33F3O2	006222-03-3	91
5		Trichloroacetic acid, pentadecyl...	372	C17H31Cl3O2	074339-53-0	91



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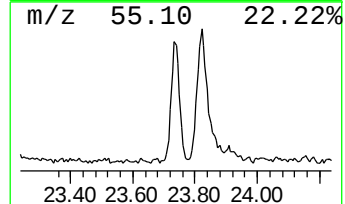
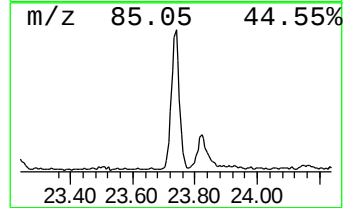
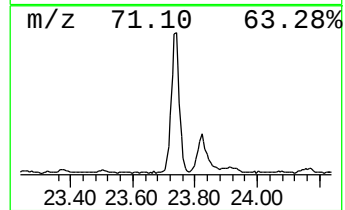
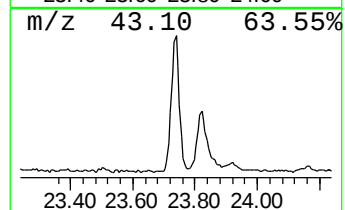
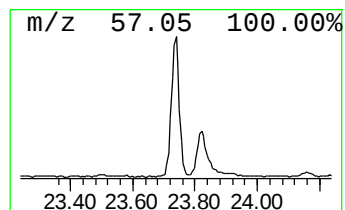
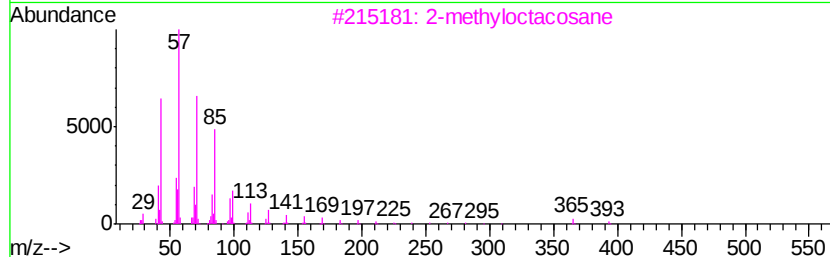
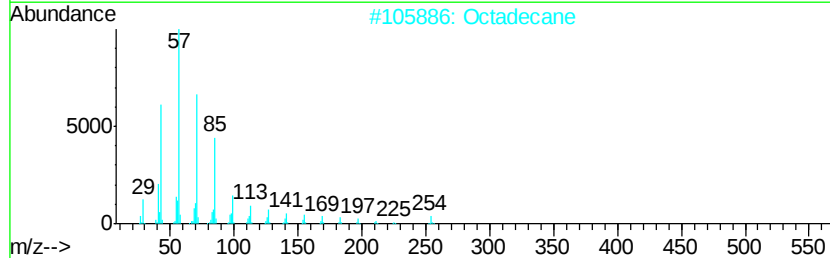
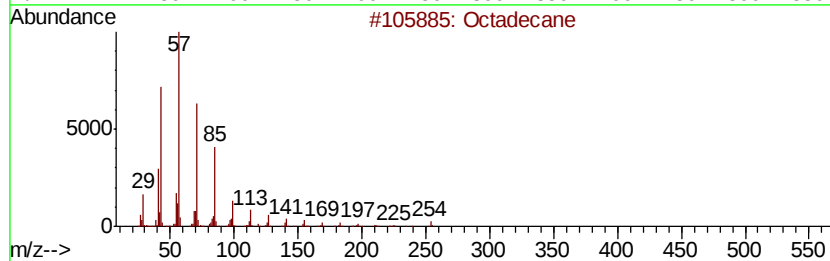
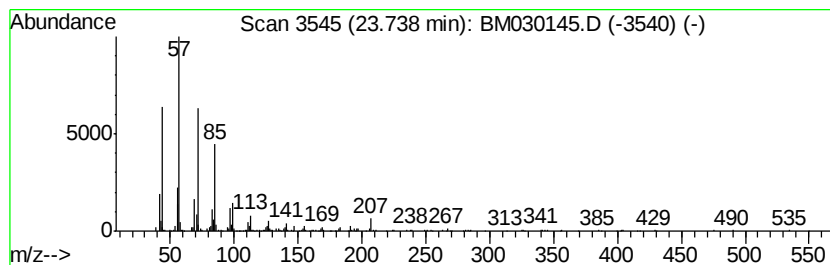
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Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.74	2.13 ng/ul	344298	Perylene-d12	23.24

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octadecane	254	C18H38	000593-45-3	95
2		Octadecane	254	C18H38	000593-45-3	91
3		2-methyloctacosane	408	C29H60	1000376-72-8	90
4		Hexatriacontane	507	C36H74	000630-06-8	87
5		Octacosane	394	C28H58	000630-02-4	87



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
n-Hexadecanoic acid	17.82	2.0	ng/ul	281414	4	16.90	2802460	20.0
n-Tetracosanol-1	20.83	5.8	ng/ul	924978	5	21.10	3197250	20.0
(DEL) Alkane: Str...	23.74	2.1	ng/ul	344298	6	23.24	3231190	20.0