

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM051719\
 Data File : BM020384.D
 Acq On : 18 May 2019 02:45
 Operator : JU/SJ
 Sample : K2633-12
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 GAJA4

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\SOM-EPA-BM051619MA.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	6.899	659	665	675	rBV	223268	394032	23.64%	2.528%
2	7.075	689	695	703	rBV	166150	282855	16.97%	1.815%
3	7.263	721	727	735	rBV	246872	401627	24.10%	2.576%
4	7.734	800	807	814	rBV	218354	359155	21.55%	2.304%
5	8.434	920	926	941	rBV	248561	441143	26.47%	2.830%
6	8.898	999	1005	1019	rVV	220961	379425	22.77%	2.434%
7	9.004	1021	1023	1025	rVV	2487	1729	0.10%	0.011%
8	9.022	1025	1026	1030	rVB3	1644	1885	0.11%	0.012%
9	9.245	1059	1064	1068	rVB3	4404	5709	0.34%	0.037%
10	9.475	1098	1103	1104	rBV2	1230	1707	0.10%	0.011%
11	9.610	1120	1126	1138	rBV	161536	285540	17.13%	1.832%
12	10.145	1210	1217	1230	rBV	265151	475182	28.51%	3.048%
13	10.522	1274	1281	1297	rBV	285767	476301	28.58%	3.056%
14	10.669	1300	1306	1324	rBV	195444	405324	24.32%	2.600%
15	12.116	1549	1552	1555	rBV4	1752	2113	0.13%	0.014%
16	13.792	1831	1837	1842	rBV	545619	755095	45.31%	4.844%
17	13.839	1842	1845	1854	rVB	128198	180465	10.83%	1.158%
18	14.075	1877	1885	1894	rBV	603862	880634	52.84%	5.649%
19	14.380	1931	1937	1947	rBV2	426771	636353	38.18%	4.082%
20	14.598	1968	1974	1989	rBV	70924	169552	10.17%	1.088%
21	15.221	2076	2080	2083	rBV2	1625	1879	0.11%	0.012%
22	15.380	2100	2107	2123	rBV	739580	1104789	66.29%	7.087%
23	15.504	2123	2128	2144	rVB	148857	212142	12.73%	1.361%
24	15.616	2144	2147	2151	rBV2	5744	7716	0.46%	0.049%
25	16.157	2236	2239	2243	rVB2	1819	1717	0.10%	0.011%
26	17.133	2399	2405	2416	rBV2	537528	781230	46.88%	5.012%
27	17.233	2416	2422	2439	rVB	809664	1176215	70.58%	7.546%
28	18.015	2550	2555	2562	rBV2	53309	81511	4.89%	0.523%
29	18.098	2567	2569	2576	rVV3	4101	6008	0.36%	0.039%
30	18.315	2600	2606	2611	rVB5	2605	5586	0.34%	0.036%
31	18.680	2665	2668	2669	rBV3	2640	2077	0.12%	0.013%
32	18.945	2710	2713	2715	rBV2	3124	2828	0.17%	0.018%
33	19.162	2745	2750	2753	rBV3	9378	17297	1.04%	0.111%
34	19.192	2753	2755	2759	rVB	8321	10988	0.66%	0.070%

LSC Area Percent Report

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35	19.304	2769	2774	2781	rBV6	12858	21297	1.28%	0.137%
36	19.415	2789	2793	2798	rBV2	5471	10465	0.63%	0.067%
37	19.480	2803	2804	2806	rBV2	3588	2299	0.14%	0.015%
38	19.533	2806	2813	2825	rBV	1073622	1512227	90.74%	9.701%
39	20.033	2896	2898	2899	rBV2	3916	2943	0.18%	0.019%
40	21.021	3062	3066	3077	rBV2	127688	207056	12.42%	1.328%
41	21.321	3112	3117	3126	rBV	732197	948128	56.89%	6.082%
42	22.356	3290	3293	3298	rVB3	54293	69548	4.17%	0.446%
43	22.868	3376	3380	3385	rVB3	66921	92462	5.55%	0.593%
44	23.444	3471	3478	3489	rBV	875724	1666529	100.00%	10.691%
45	23.592	3497	3503	3513	rVB	512381	946997	56.82%	6.075%
46	24.097	3585	3589	3597	rVB3	87227	160404	9.63%	1.029%

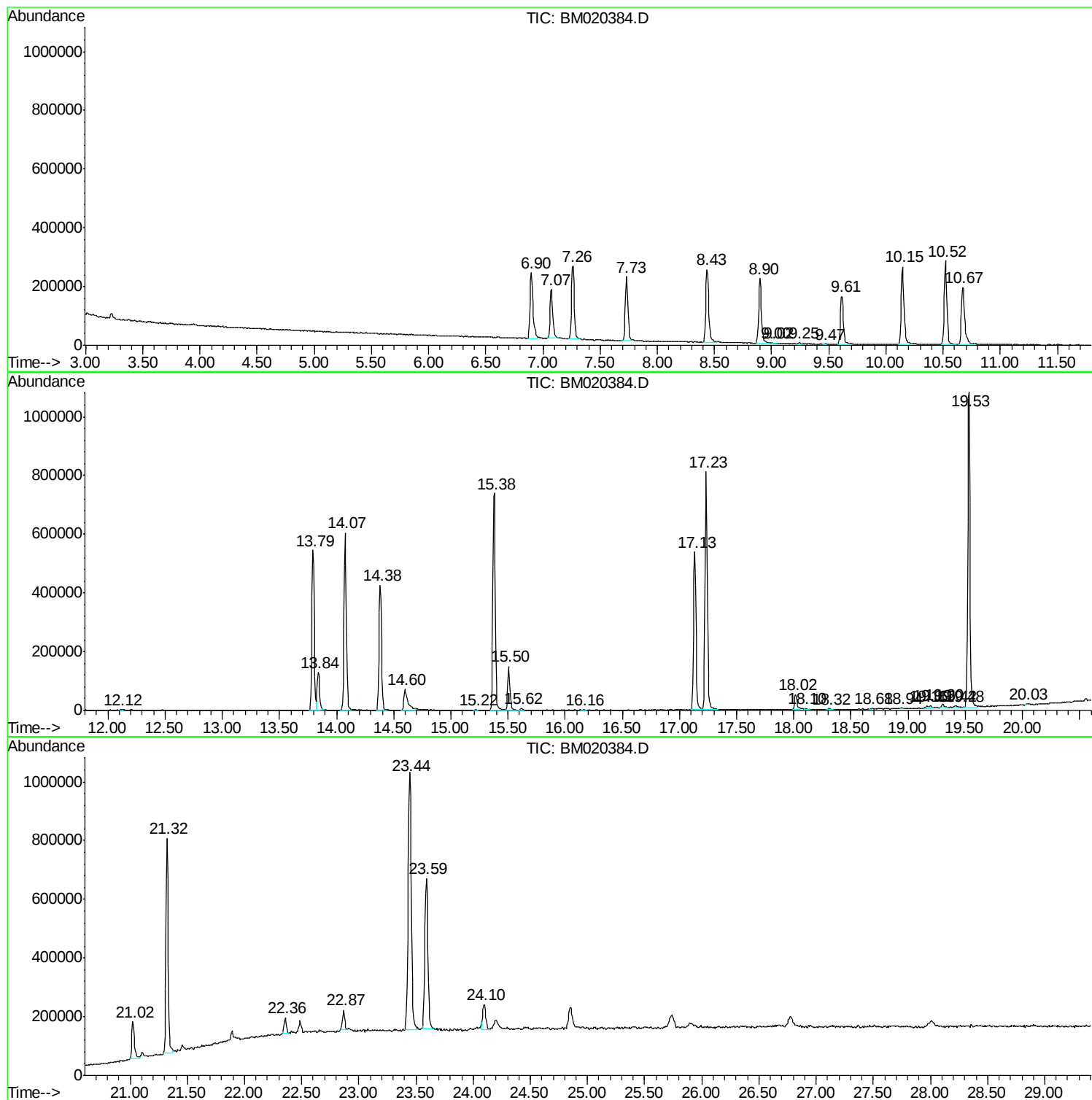
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM051619MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P



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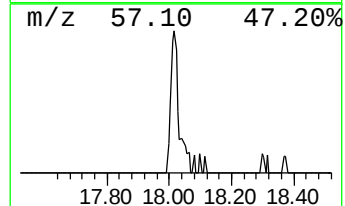
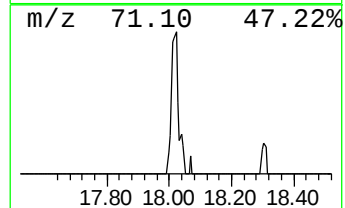
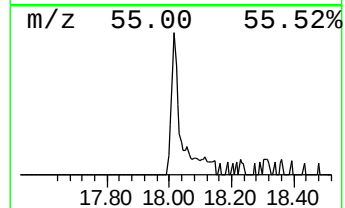
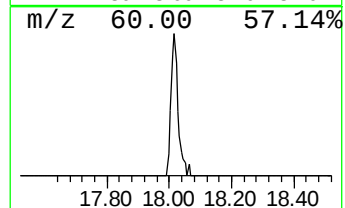
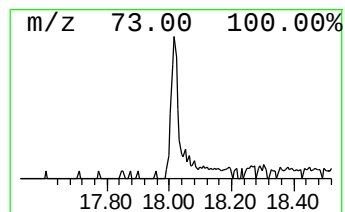
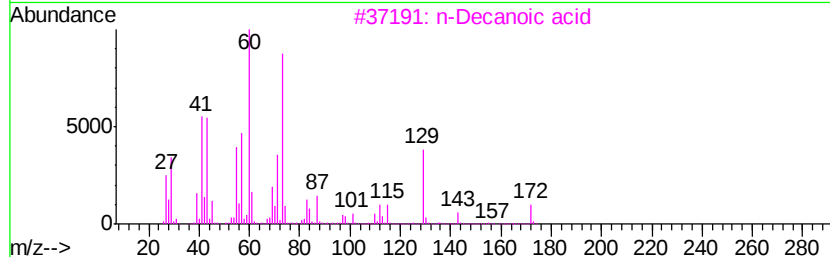
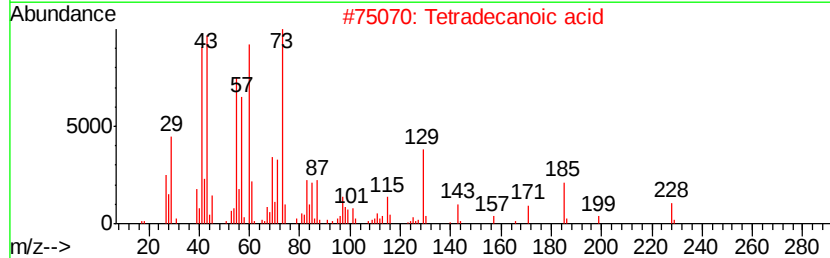
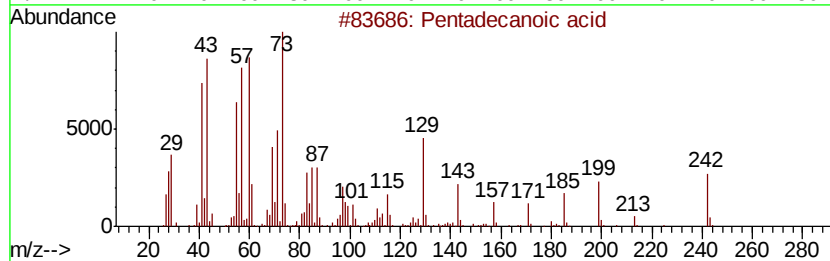
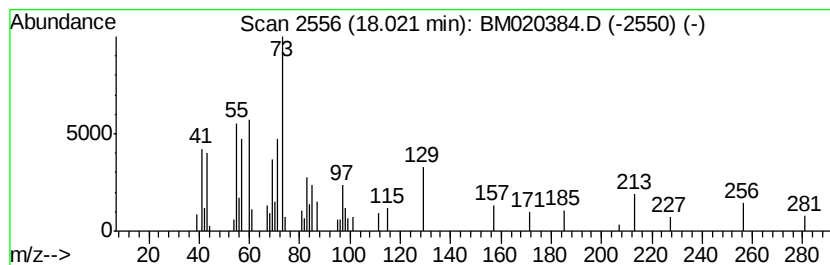
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM051619MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 Pentadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.02	2.09 ng/ul	81511	Phenanthrene-d10	17.13

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Pentadecanoic acid	242	C15H30O2	001002-84-2	58
2		Tetradecanoic acid	228	C14H28O2	000544-63-8	50
3		n-Decanoic acid	172	C10H20O2	000334-48-5	47
4		n-Decanoic acid	172	C10H20O2	000334-48-5	47
5		Tridecanoic acid	214	C13H26O2	000638-53-9	47



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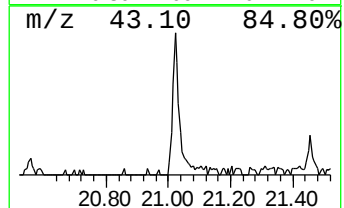
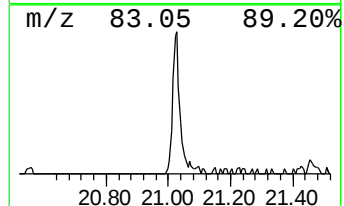
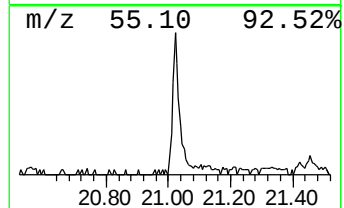
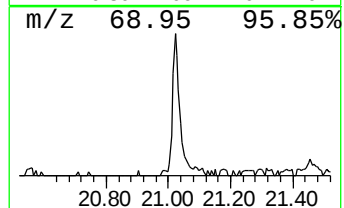
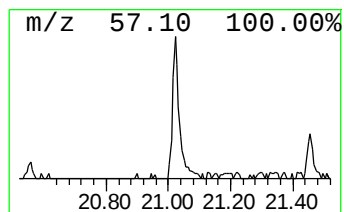
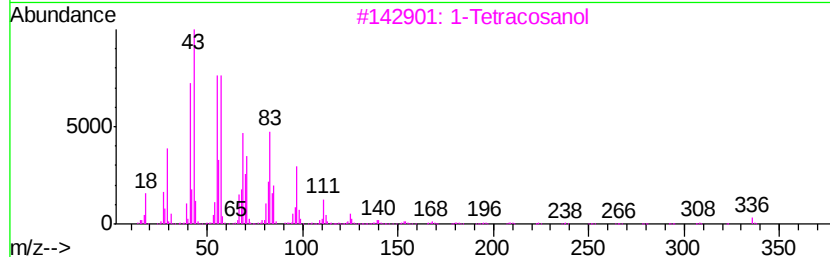
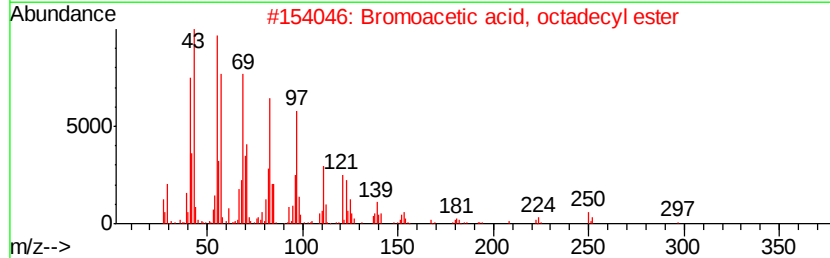
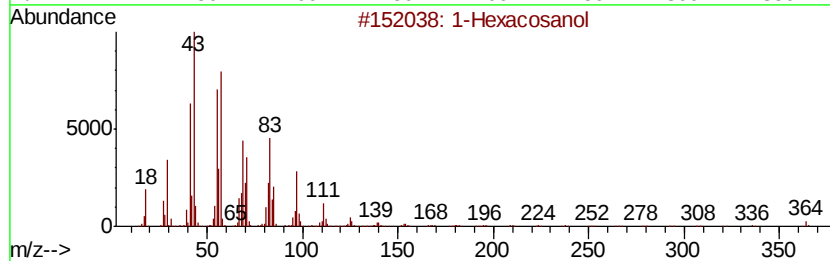
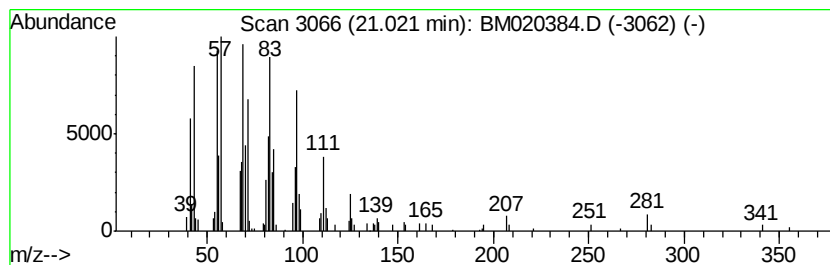
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Peak Number 2 1-Hexacosanol Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.02	4.37 ng/ul	207056	Chrysene-d12	21.32

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-Hexacosanol	382	C26H54O	000506-52-5	91
2		Bromoacetic acid, octadecyl ester	390	C20H39BrO2	018992-03-5	91
3		1-Tetracosanol	354	C24H50O	000506-51-4	91
4		Heptafluorobutanoic acid, heptad...	452	C21H35F7O2	1000282-97-3	87
5		1-Octadecanol	270	C18H38O	000112-92-5	87



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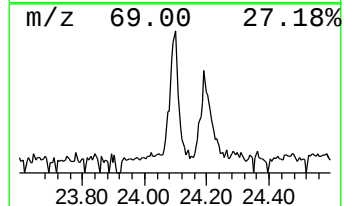
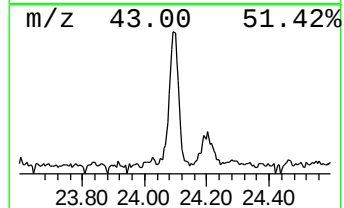
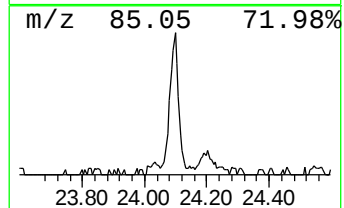
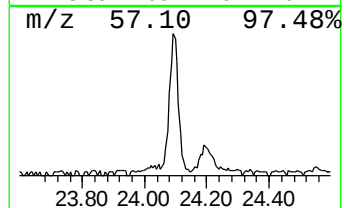
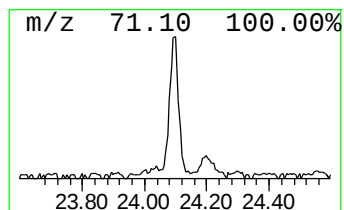
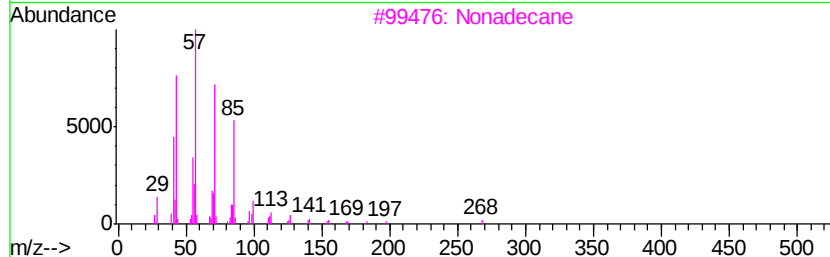
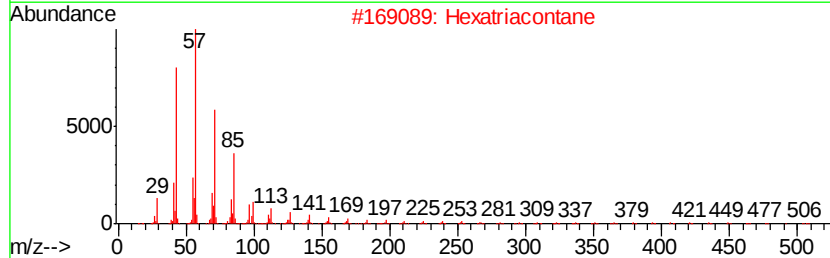
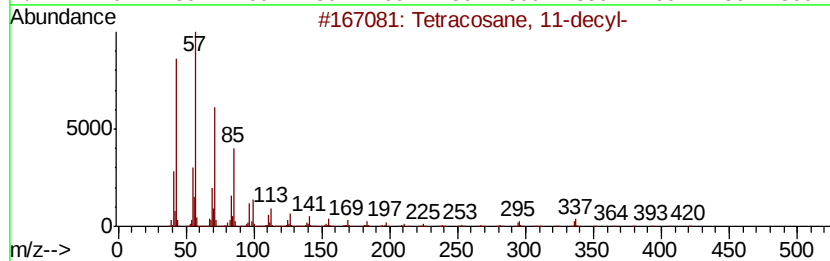
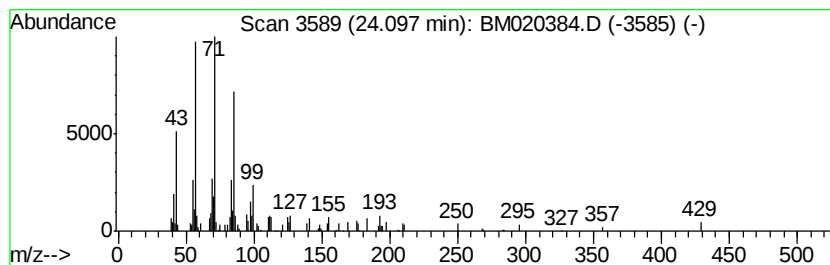
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Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.10	3.39 ng/ul	160404	Perylene-d12	23.59

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tetracosane, 11-decyl-	479	C34H70	055429-84-0	86
2		Hexatriacontane	507	C36H74	000630-06-8	86
3		Nonadecane	268	C19H40	000629-92-5	81
4		Heneicosane, 11-decyl-	437	C31H64	055320-06-4	80
5		Tetratetracontane	619	C44H90	007098-22-8	80



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Pentadecanoic acid	18.02	2.1	ng/ul	81511	4	17.13	781230	20.0
1-Hexacosanol	21.02	4.4	ng/ul	207056	5	21.32	948128	20.0
(DEL) Alkane: Str...	24.10	3.4	ng/ul	160404	6	23.59	946997	20.0