

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM032919\
 Data File : BM019605.D
 Acq On : 30 Mar 2019 06:31
 Operator : JU/SJ
 Sample : K2122-02
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BF5B1

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-BM032219MA.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	3.128	21	24	30	rBV	14993	20823	0.80%	0.109%
2	3.722	122	125	133	rVB3	6995	8977	0.34%	0.047%
3	3.816	139	141	147	rVB5	3832	5195	0.20%	0.027%
4	4.722	292	295	298	rBV2	4272	5669	0.22%	0.030%
5	6.763	637	642	661	rBV	112322	260689	9.98%	1.367%
6	6.934	666	671	690	rBV	99123	218126	8.35%	1.144%
7	7.110	696	701	714	rBV	154682	288735	11.05%	1.514%
8	7.192	714	715	720	rVB4	2682	3202	0.12%	0.017%
9	7.575	774	780	791	rBV	264334	467765	17.91%	2.453%
10	7.645	791	792	798	rVB2	3843	4192	0.16%	0.022%
11	8.298	897	903	917	rBV2	151620	324854	12.44%	1.703%
12	8.751	972	980	994	rBV	126911	258685	9.90%	1.356%
13	9.075	1027	1035	1039	rVB3	6127	9497	0.36%	0.050%
14	9.463	1096	1101	1117	rBV	99258	200837	7.69%	1.053%
15	10.004	1186	1193	1215	rBV	111872	301015	11.52%	1.578%
16	10.357	1246	1253	1268	rVB	411547	707029	27.07%	3.707%
17	10.533	1277	1283	1308	rBV	96294	302400	11.58%	1.586%
18	13.657	1808	1814	1820	rBV	341565	552761	21.16%	2.898%
19	13.710	1820	1823	1834	rVV	74146	117710	4.51%	0.617%
20	13.927	1854	1860	1873	rBV	369184	586894	22.47%	3.077%
21	14.239	1906	1913	1927	rBV2	612110	941797	36.06%	4.938%
22	14.516	1954	1960	1973	rBV4	29346	107268	4.11%	0.562%
23	14.663	1982	1985	1997	rVB4	21259	39017	1.49%	0.205%
24	15.239	2077	2083	2100	rBV	540703	834627	31.95%	4.376%
25	15.386	2104	2108	2122	rVV2	78221	159855	6.12%	0.838%
26	15.486	2122	2125	2131	rVB2	5644	7877	0.30%	0.041%
27	16.427	2277	2285	2292	rBV3	3115	6535	0.25%	0.034%
28	16.798	2342	2348	2351	rBV4	2168	4340	0.17%	0.023%
29	16.998	2375	2382	2392	rBV2	781683	1164749	44.59%	6.107%
30	17.098	2392	2399	2414	rVV2	570056	899215	34.43%	4.715%
31	17.886	2528	2533	2545	rBV2	37714	71075	2.72%	0.373%
32	18.986	2718	2720	2723	rBV2	2462	3257	0.12%	0.017%
33	19.039	2725	2729	2733	rBV5	7582	11305	0.43%	0.059%
34	19.180	2749	2753	2758	rBV3	31316	51084	1.96%	0.268%

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35	19.286	2768	2771	2775	rVB4	4024	6337	0.24%	0.033%
36	19.403	2785	2791	2799	rBV	833538	1192762	45.66%	6.254%
37	19.739	2844	2848	2851	rBV	105399	109274	4.18%	0.573%
38	19.774	2851	2854	2861	rVB	193563	206735	7.91%	1.084%
39	19.933	2880	2881	2884	rVB2	8919	7573	0.29%	0.040%
40	20.715	3010	3014	3017	rBV2	75322	88295	3.38%	0.463%
41	20.750	3017	3020	3025	rVB	130155	136000	5.21%	0.713%
42	20.897	3042	3045	3052	rBV2	75957	99485	3.81%	0.522%
43	21.197	3091	3096	3104	rBV	1472095	1941138	74.31%	10.178%
44	21.333	3117	3119	3123	rVB	50069	45957	1.76%	0.241%
45	21.580	3158	3161	3163	rBV	41939	47361	1.81%	0.248%
46	21.609	3164	3166	3170	rVB	65892	68506	2.62%	0.359%
47	21.762	3189	3192	3198	rVB	76950	84816	3.25%	0.445%
48	22.209	3265	3268	3274	rVB	145352	176110	6.74%	0.923%
49	22.703	3348	3352	3357	rVB	197376	262659	10.06%	1.377%
50	23.256	3440	3446	3457	rBV2	1227002	2298522	88.00%	12.052%
51	23.403	3464	3471	3484	rVB	1378020	2612061	100.00%	13.696%
52	23.874	3547	3551	3560	rVB	204773	374583	14.34%	1.964%
53	24.597	3670	3674	3683	rVB	181261	366377	14.03%	1.921%

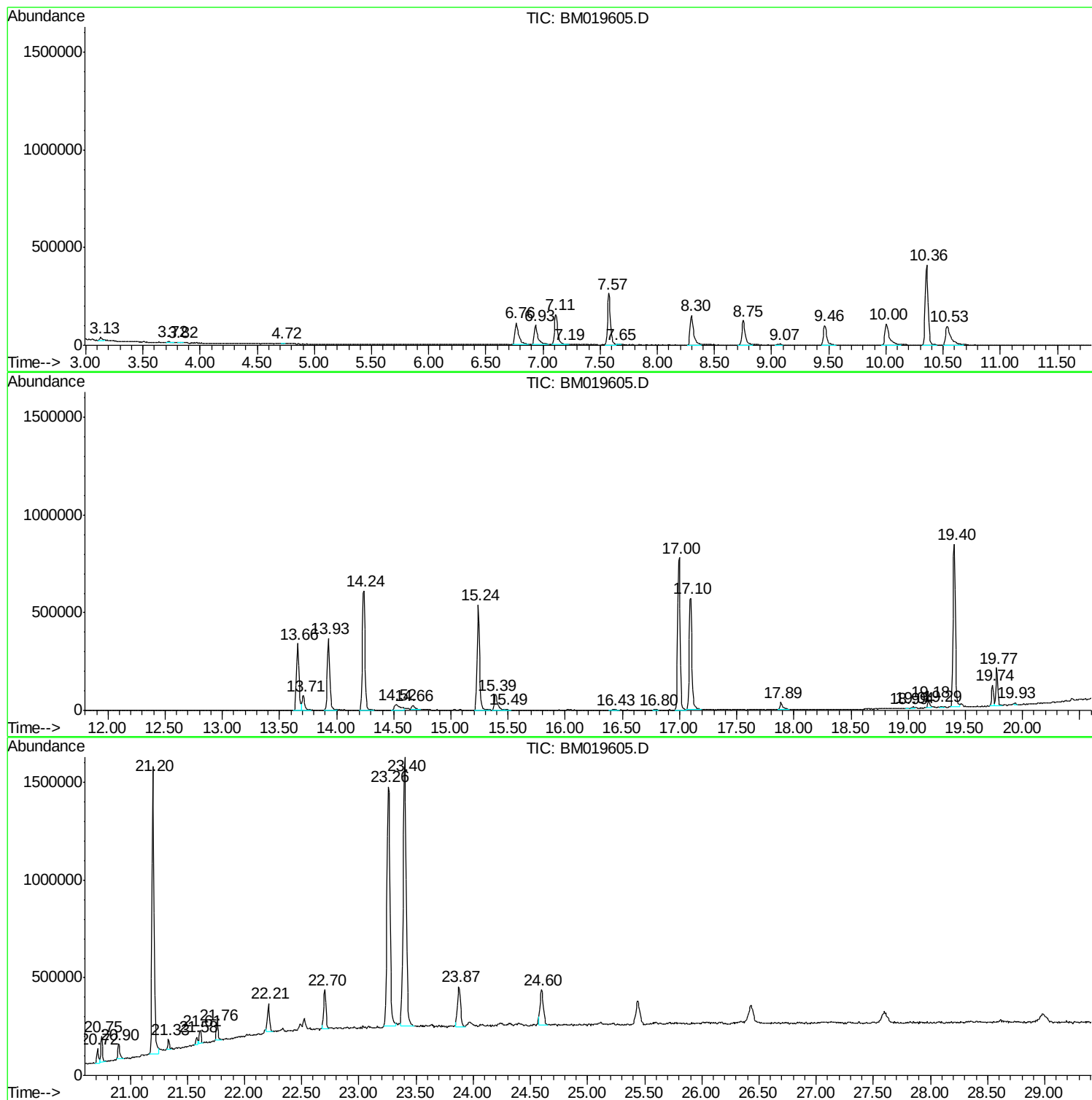
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.M
Quant Title : SVOA CALIBRATION

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



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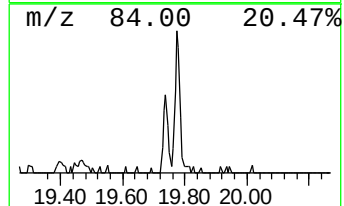
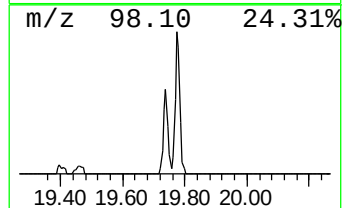
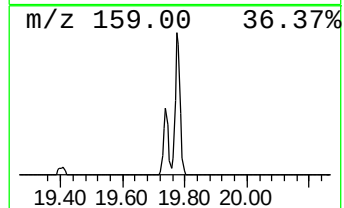
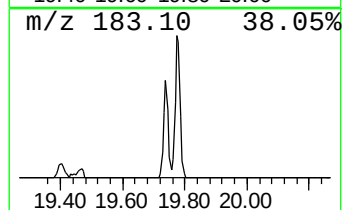
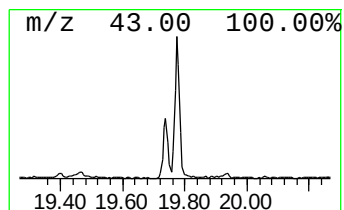
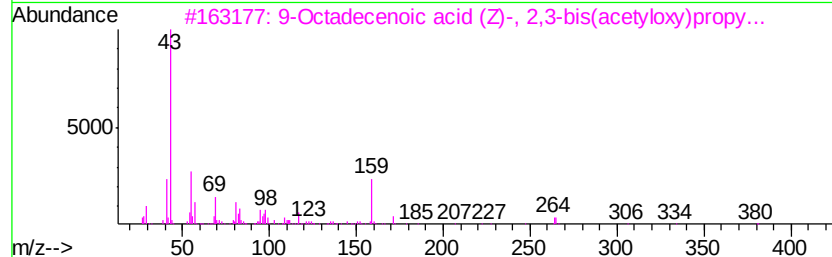
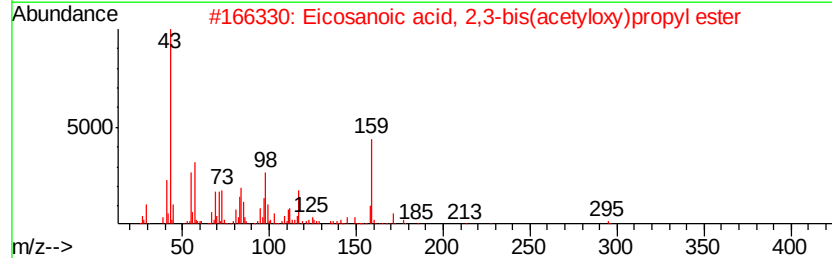
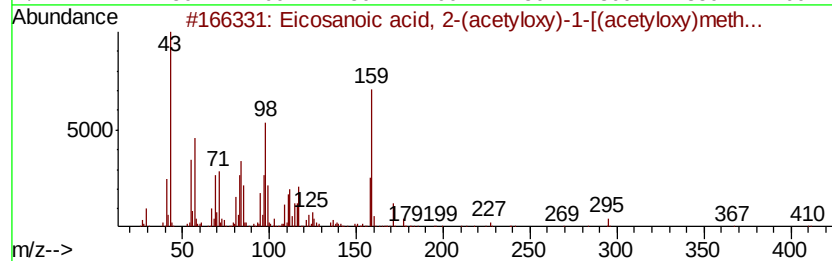
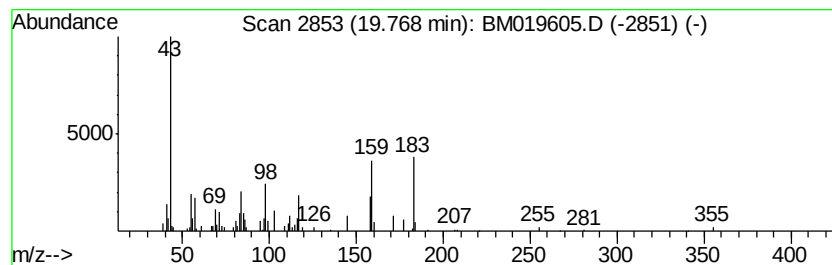
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 Eicosanoic acid, 2-(acetylo... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.77	2.13 ng/ul	206735	Chrysene-d12	21.20

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Eicosanoic acid, 2-(acetyloxy)-1...	470	C27H50O6	055429-68-0	53
2		Eicosanoic acid, 2,3-bis(acetylo...	470	C27H50O6	055429-67-9	53
3		9-Octadecenoic acid (Z)-, 2,3-bi...	440	C25H44O6	055401-64-4	12
4		Dodecanoyl chloride	218	C12H23ClO	000112-16-3	12
5		4,5,6-Trimethyltetrahydro-1,3-ox...	159	C7H13NO5	085333-98-8	9



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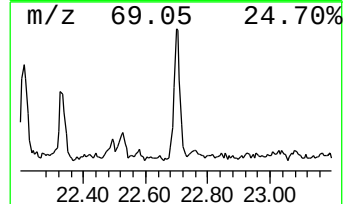
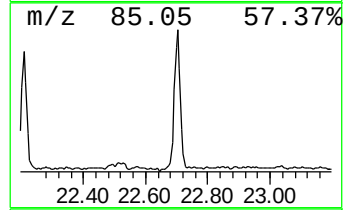
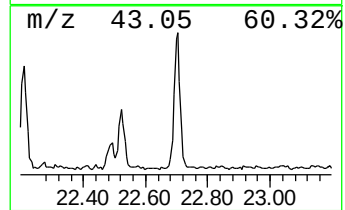
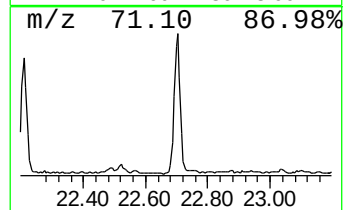
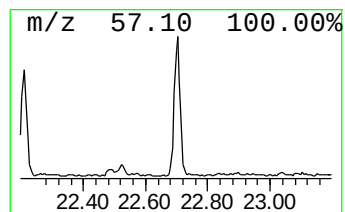
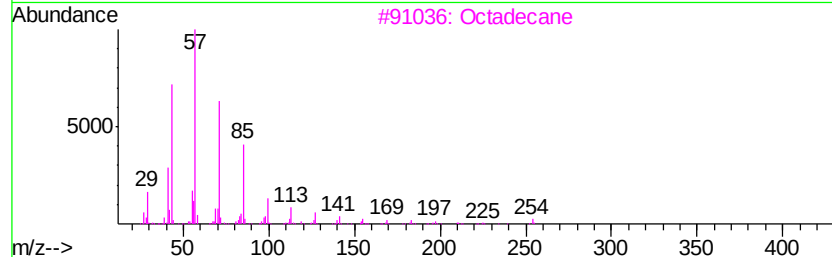
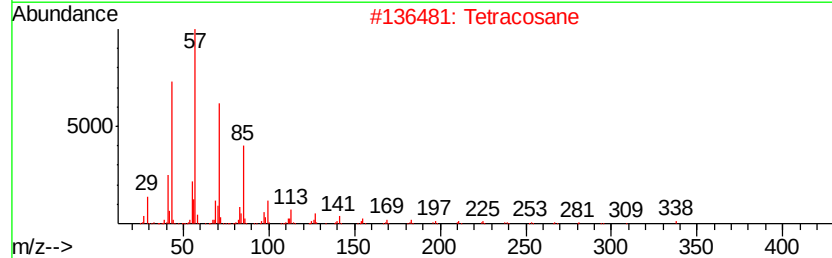
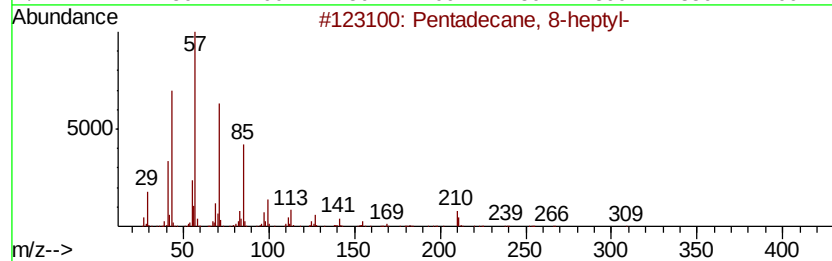
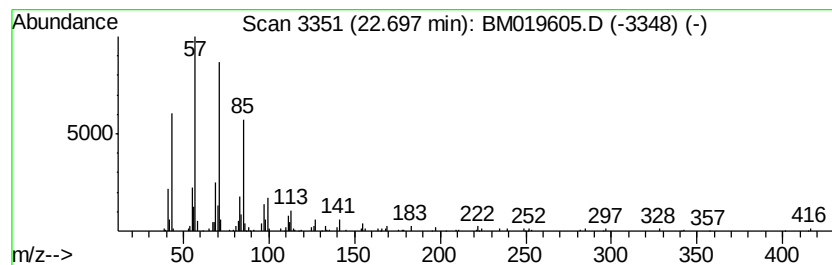
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
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Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.70	2.01 ng/ul	262659	Perylene-d12	23.40

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pentadecane, 8-heptyl-	310	C22H46	071005-15-7	91
2		Tetracosane	338	C24H50	000646-31-1	86
3		Octadecane	254	C18H38	000593-45-3	83
4		Hexadecane	226	C16H34	000544-76-3	83
5		Hexadecane	226	C16H34	000544-76-3	80



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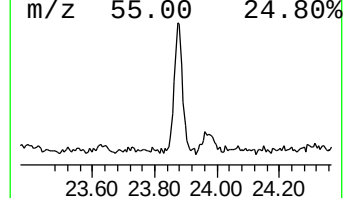
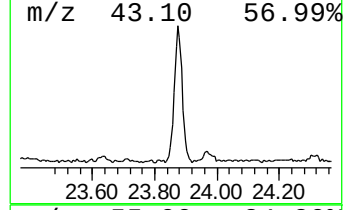
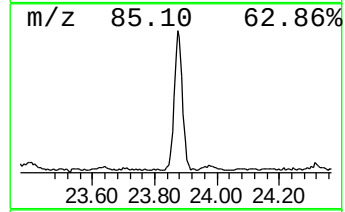
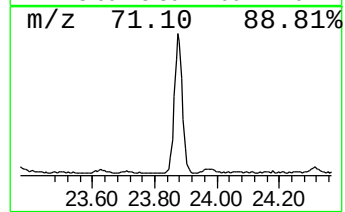
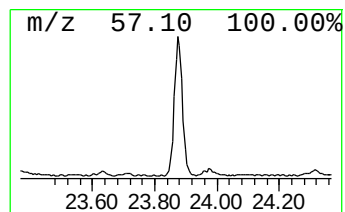
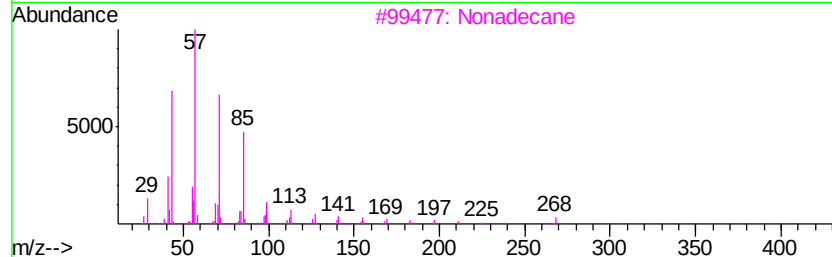
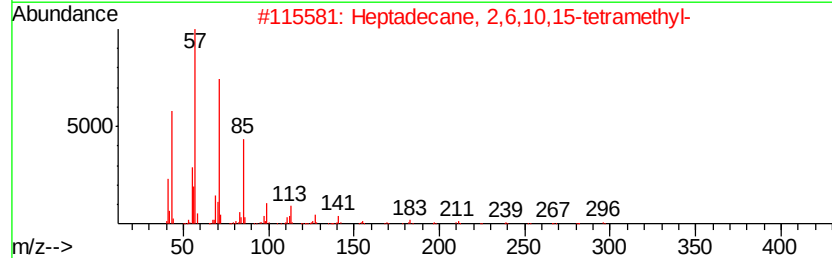
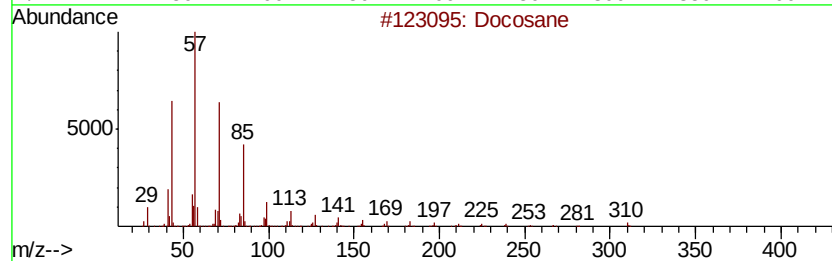
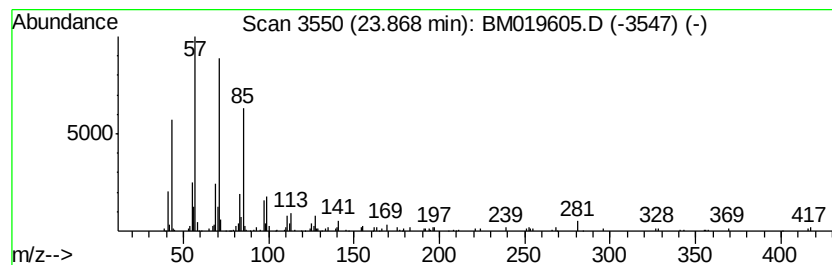
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Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.87	2.87 ng/ul	374583	Perylene-d12	23.40

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Docosane	310	C22H46	000629-97-0	87
2		Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	86
3		Nonadecane	268	C19H40	000629-92-5	86
4		Pentadecane, 8-heptyl-	310	C22H46	071005-15-7	86
5		Octadecane, 2-methyl-	268	C19H40	001560-88-9	86



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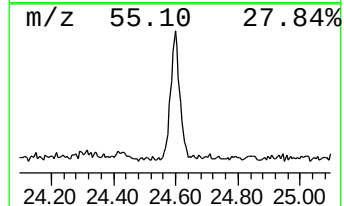
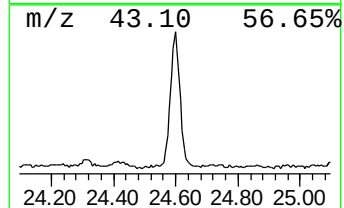
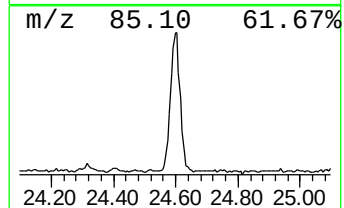
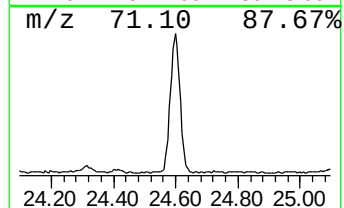
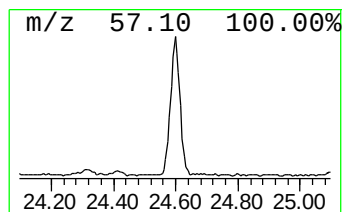
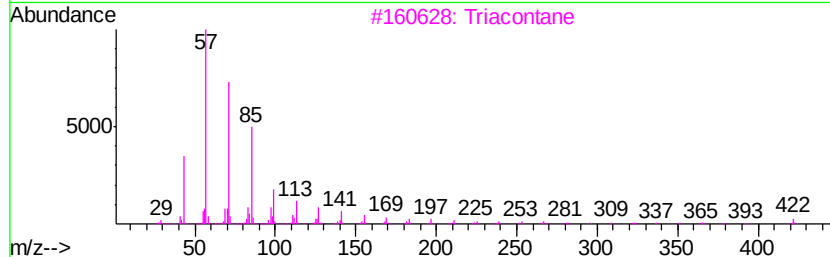
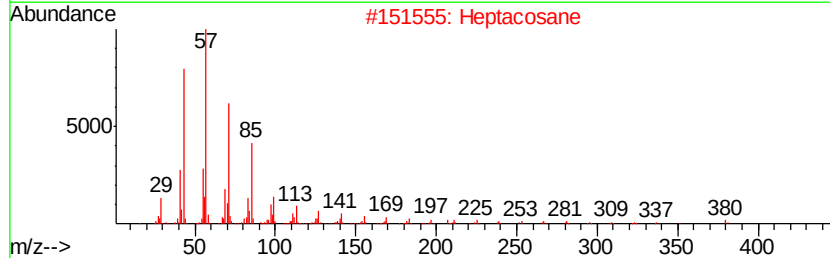
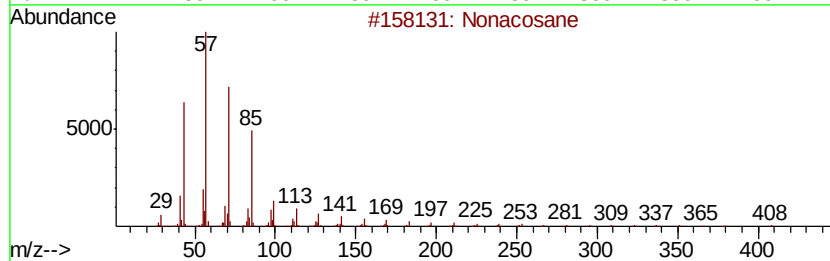
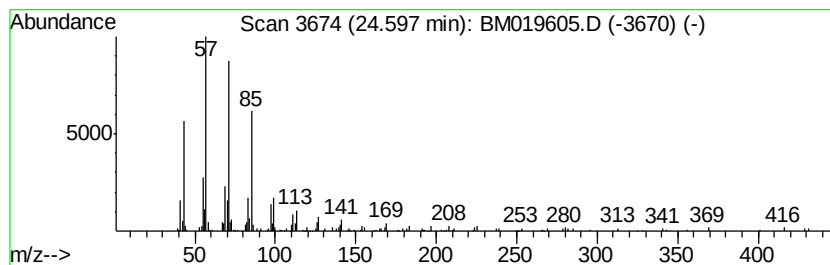
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Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.	
24.60	2.81 ng/ul	366377	Perylene-d12	23.40	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonacosane	408	C29H60	000630-03-5	91
2	Heptacosane	380	C27H56	000593-49-7	91
3	triacontane	422	C30H62	000638-68-6	91
4	Heneicosane, 11-(1-ethylpropyl)-	366	C26H54	055282-11-6	91
5	Octadecane, 2-methyl-	268	C19H40	001560-88-9	90



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Eicosanoic acid, ...	19.77	2.1	ng/ul	206735	5	21.20	1941140	20.0
(DEL) Alkane: Str...	22.70	2.0	ng/ul	262659	6	23.40	2612060	20.0
(DEL) Alkane: Str...	23.87	2.9	ng/ul	374583	6	23.40	2612060	20.0
(DEL) Alkane: Str...	24.60	2.8	ng/ul	366377	6	23.40	2612060	20.0