

Data Path : Z:\HPCHEM1\BNA M\DATA\BM022818\
 Data File : BM014423.D
 Acq On : 01 Mar 2018 04:33
 Operator : SJ/JU
 Sample : J1646-21 5X
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BE5Z9

Integration Parameters: LSCINT.P

Integrator: RTE
 Smoothing : OFF
 Sampling : 1
 Start Thrs: 0.2
 Stop Thrs : 0

Filtering: 5
 Min Area: 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:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM021418.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	6.722	630	635	645	rBV	79627	181245	4.80%	0.713%
2	6.869	655	660	672	rVB2	66984	125288	3.32%	0.493%
3	7.057	686	692	703	rVB2	110937	206885	5.48%	0.814%
4	7.510	762	769	785	rBV	573247	1013798	26.85%	3.987%
5	8.251	889	895	907	rBV3	93718	221527	5.87%	0.871%
6	8.681	961	968	981	rBV2	110684	241870	6.41%	0.951%
7	9.392	1081	1089	1100	rBV3	92687	191144	5.06%	0.752%
8	9.945	1177	1183	1196	rBV5	80764	236173	6.26%	0.929%
9	10.281	1233	1240	1255	rBV	880646	1535414	40.67%	6.038%
10	10.469	1264	1272	1273	rBV4	28917	45254	1.20%	0.178%
11	13.598	1796	1804	1808	rBV	285508	442682	11.73%	1.741%
12	13.645	1808	1812	1819	rVB	75719	122912	3.26%	0.483%
13	13.863	1843	1849	1861	rBV2	352128	620704	16.44%	2.441%
14	14.174	1892	1902	1909	rBV2	1345353	2104738	55.75%	8.277%
15	14.357	1926	1933	1937	rBV6	34926	57588	1.53%	0.226%
16	14.480	1949	1954	1959	rBV6	36160	80852	2.14%	0.318%
17	15.174	2066	2072	2079	rBV	422801	657248	17.41%	2.585%
18	15.292	2087	2092	2100	rBV	132782	282489	7.48%	1.111%
19	15.351	2100	2102	2112	rVB9	34500	58415	1.55%	0.230%
20	16.604	2308	2315	2319	rBV8	33967	76151	2.02%	0.299%
21	16.733	2332	2337	2352	rVB4	96703	275242	7.29%	1.082%
22	16.933	2365	2371	2375	rBV	1830967	2485851	65.85%	9.775%
23	16.974	2375	2378	2384	rVV	412184	576507	15.27%	2.267%
24	17.033	2384	2388	2392	rVV	527920	751237	19.90%	2.954%
25	17.068	2392	2394	2399	rVB	98827	122525	3.25%	0.482%
26	17.357	2440	2443	2448	rVB2	34830	51571	1.37%	0.203%
27	17.809	2516	2520	2522	rBV3	81699	108929	2.89%	0.428%
28	17.845	2522	2526	2535	rVV3	151372	386350	10.23%	1.519%
29	17.945	2539	2543	2547	rVV5	39465	58729	1.56%	0.231%
30	18.004	2549	2553	2557	rVV3	121736	195076	5.17%	0.767%
31	18.045	2557	2560	2565	rVB2	59385	78633	2.08%	0.309%
32	18.133	2571	2575	2578	rBV6	28344	52290	1.39%	0.206%
33	18.321	2603	2607	2613	rBV2	67363	106041	2.81%	0.417%
34	18.380	2613	2617	2622	rVV8	53215	83744	2.22%	0.329%

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35	18.739	2675	2678	2681	rBV2	63072	70760	1.87%	0.278%
36	18.898	2699	2705	2710	rBV6	78452	155001	4.11%	0.610%
37	19.003	2718	2723	2731	rBV	1056161	1506002	39.89%	5.922%
38	19.345	2775	2781	2783	rBV	776044	1112802	29.48%	4.376%
39	19.374	2783	2786	2795	rVB	968880	1313284	34.79%	5.164%
40	19.715	2838	2844	2850	rBV5	71086	189807	5.03%	0.746%
41	19.874	2869	2871	2877	rVB3	117666	150153	3.98%	0.590%
42	20.633	2998	3000	3007	rVB	115585	139428	3.69%	0.548%
43	20.868	3036	3040	3046	rBV3	246508	378114	10.02%	1.487%
44	21.150	3081	3088	3092	rBV2	2385722	3775196	100.00%	14.846%
45	21.186	3092	3094	3099	rVB	508368	518643	13.74%	2.040%
46	23.186	3431	3434	3438	rBV2	282147	410107	10.86%	1.613%
47	23.327	3452	3458	3463	rBV	1064137	1875145	49.67%	7.374%

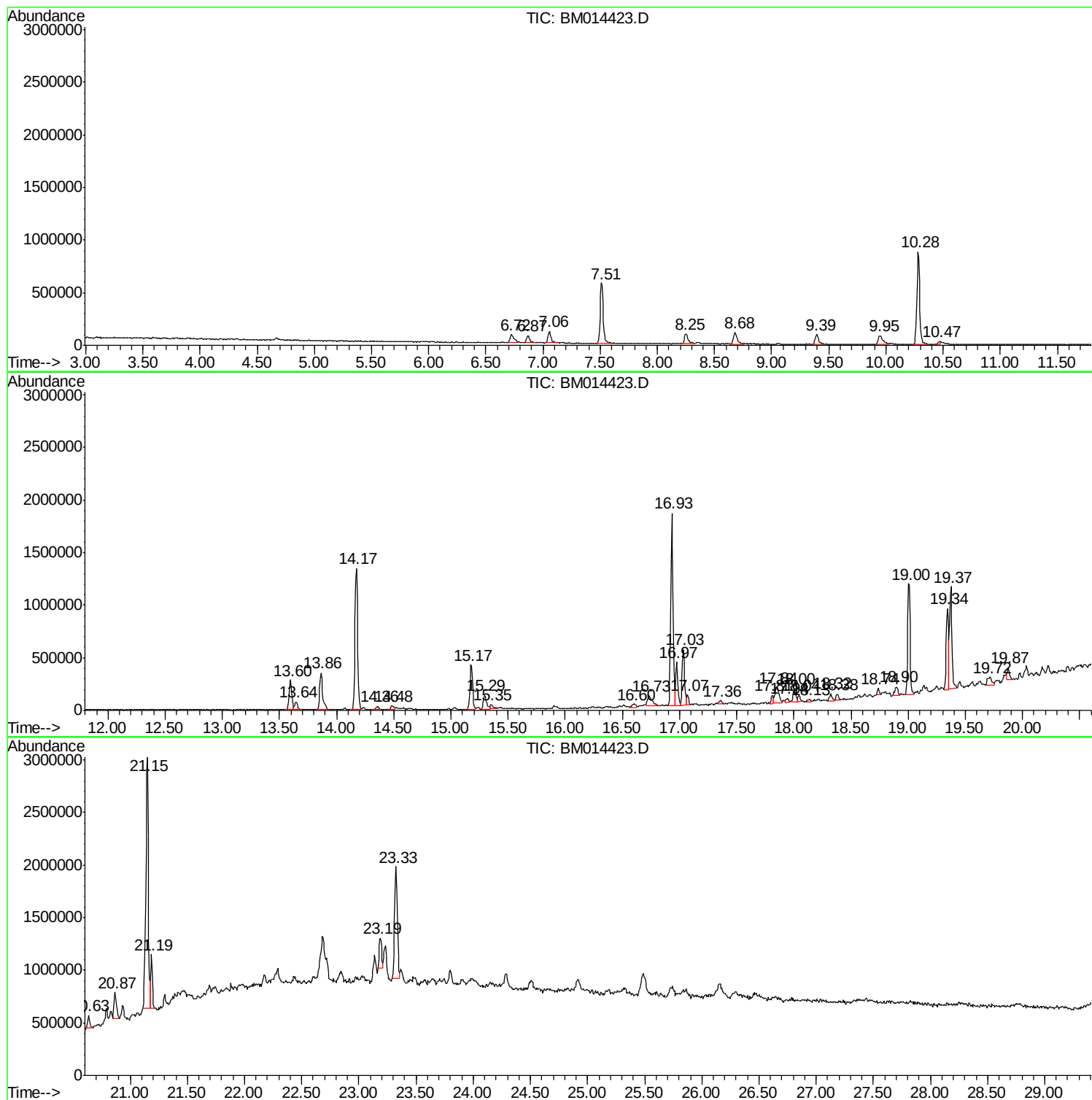
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Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM021418.M
Quant Title : SVOA CALIBRATION

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



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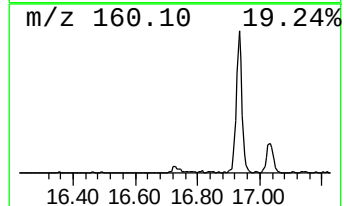
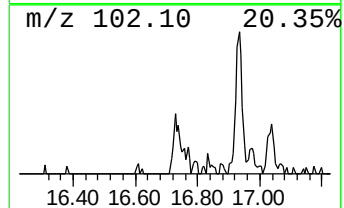
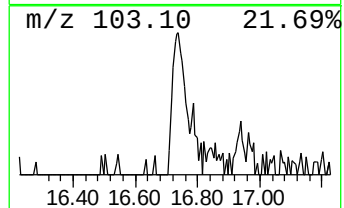
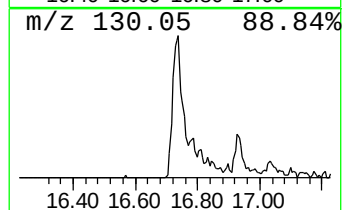
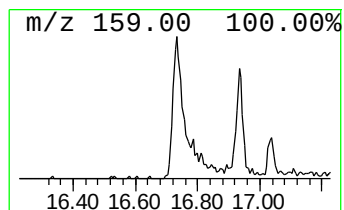
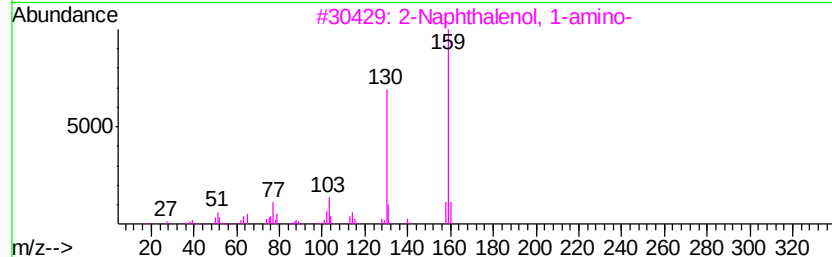
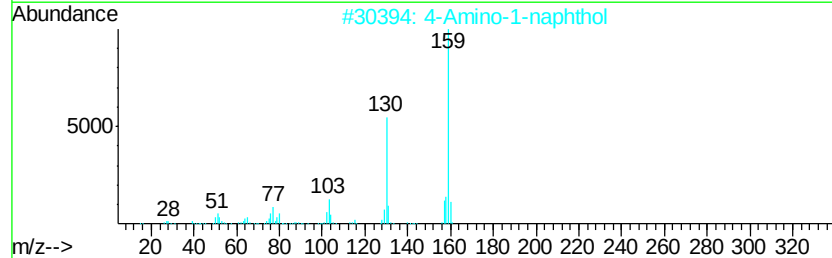
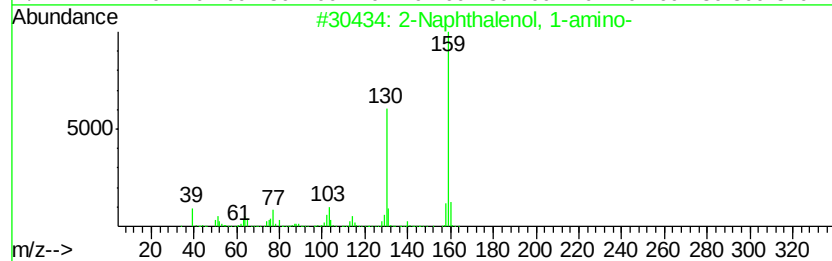
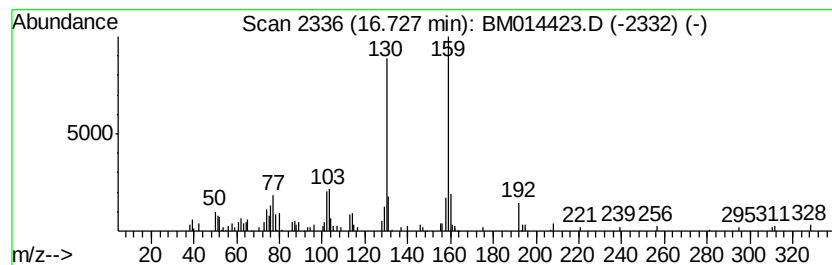
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Peak Number 1 2-Naphthalenol, 1-amino- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD		R.T.		
16.73	2.21 ng/ul	275242	Phenanthrene-d10		16.93		
Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Naphthalenol, 1-amino-	159	C10H9NO	002834-92-6	93
2			4-Amino-1-naphthol	159	C10H9NO	002834-90-4	90
3			2-Naphthalenol, 1-amino-	159	C10H9NO	002834-92-6	87
4			2(1H)-Quinolinone, 3-methyl-	159	C10H9NO	002721-59-7	83
5			1-Naphthalenol, 2-amino-	159	C10H9NO	000606-41-7	83



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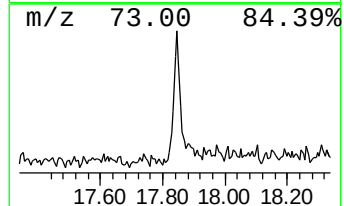
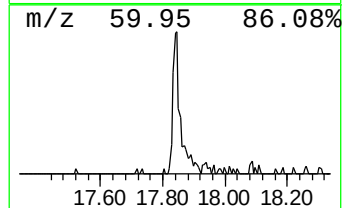
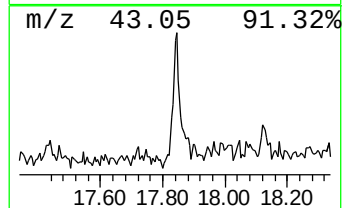
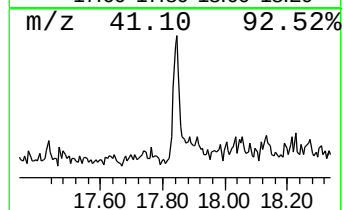
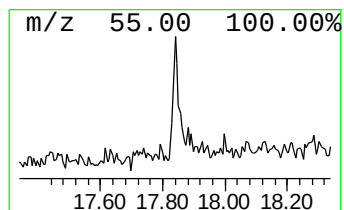
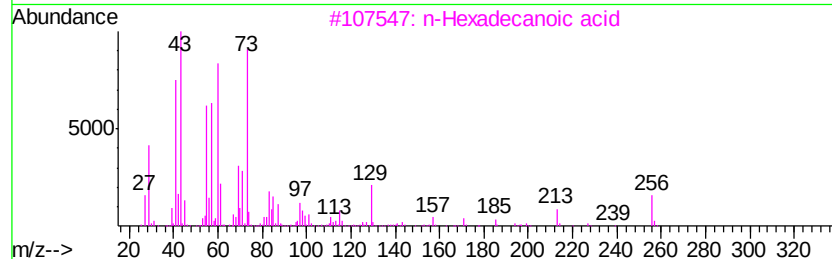
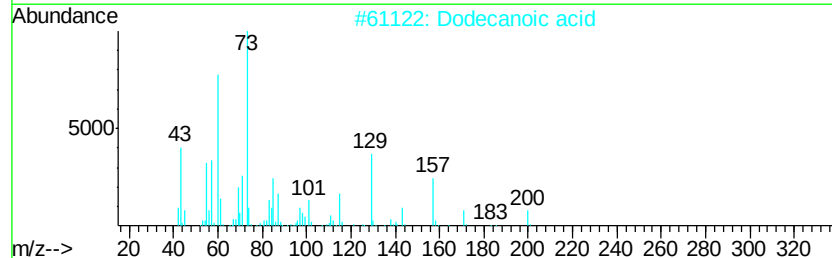
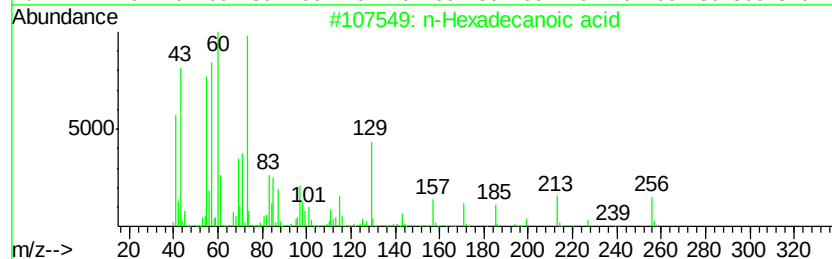
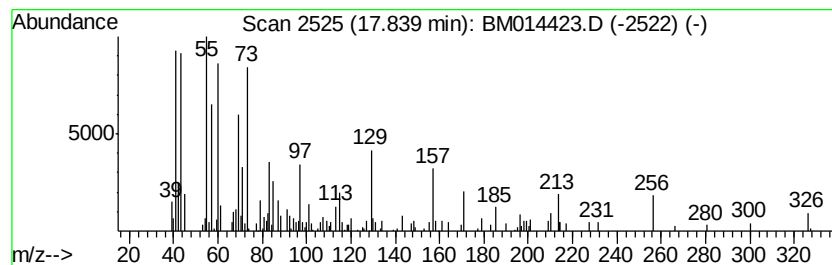
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Peak Number 2 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD		R.T.	
17.84	3.11 ng/ul	386350	Phenanthrene-d10		16.93	
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid		256	C16H32O2	000057-10-3	96
2	Dodecanoic acid		200	C12H24O2	000143-07-7	64
3	n-Hexadecanoic acid		256	C16H32O2	000057-10-3	60
4	Tetradecanoic acid		228	C14H28O2	000544-63-8	50
5	Tridecanoic acid		214	C13H26O2	000638-53-9	50



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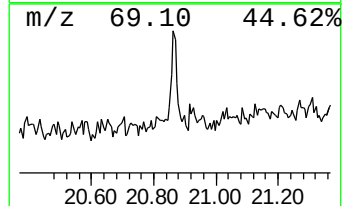
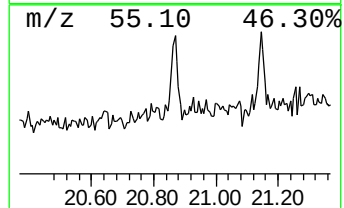
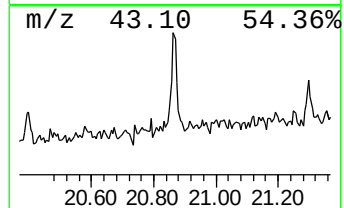
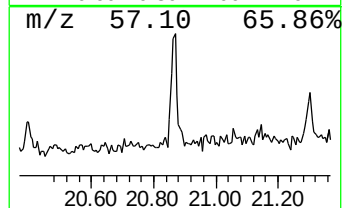
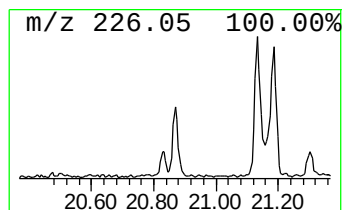
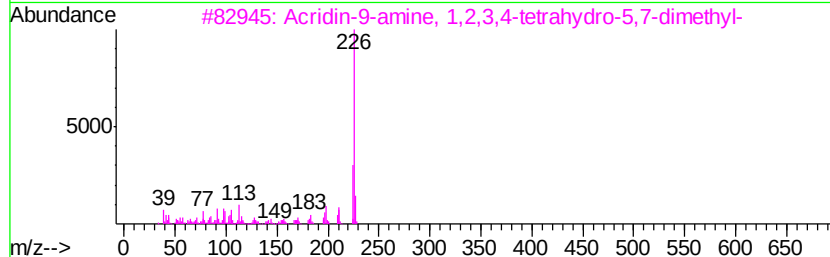
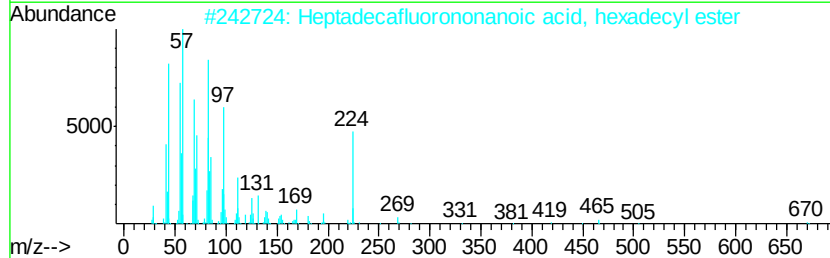
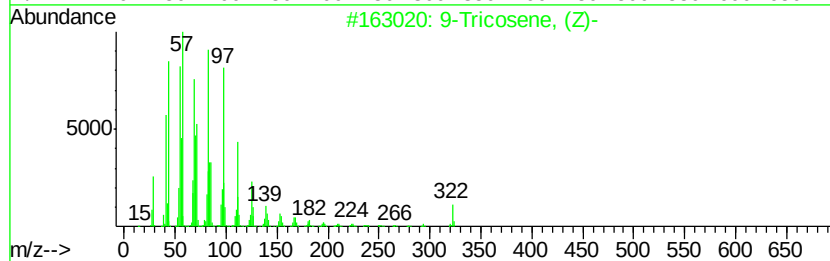
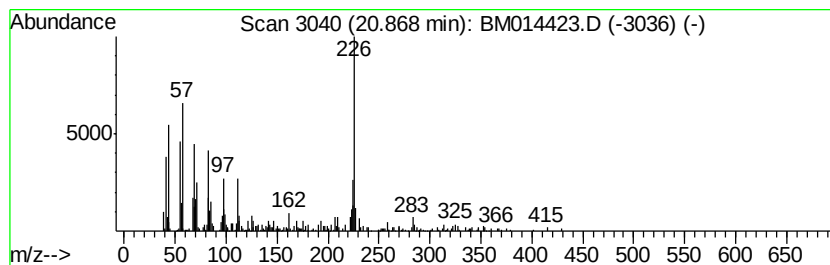
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Peak Number 3 (DEL) Alkane: Cyclic20.87 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.		
20.87	2.00 ng/ul	378114	Chrysene-d12	21.15		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Tricosene, (Z)-	322	C23H46		027519-02-4	51
2	Heptadecafluorononanoic acid, he...	688	C25H33F17O2		1000356-03-2	30
3	Acridin-9-amine, 1,2,3,4-tetrahv...	226	C15H18N2		1000300-57-6	30
4	9H-Xanthen-9-one, 4-methoxy-	226	C14H10O3		006702-58-5	30
5	1,3-Diamino-5,6-dihydro-7-methyl...	226	C13H14N4		037436-37-6	27



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
2-Naphthalenol, 1...	16.73	2.2	ng/ul	275242	4	16.93	2485850	20.0
n-Hexadecanoic acid	17.84	3.1	ng/ul	386350	4	16.93	2485850	20.0
(DEL) Alkane: Cyc...	20.87	2.0	ng/ul	378114	5	21.15	3775200	20.0