

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM042617\
 Data File : BM009720.D
 Acq On : 26 Apr 2017 15:12
 Operator : SJ/MA
 Sample : I2836-06
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 CEM-BF003-01

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-BM042517.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	6.987	656	663	672	rBV	412310	683205	17.97%	1.815%
2	7.163	686	693	701	rBV	324994	512789	13.48%	1.362%
3	7.357	718	726	733	rBV	390838	646902	17.01%	1.718%
4	7.822	798	805	813	rBV	666966	1069678	28.13%	2.841%
5	8.522	918	924	934	rBV	458964	756420	19.89%	2.009%
6	8.992	996	1004	1015	rBV	420822	706530	18.58%	1.877%
7	9.710	1119	1126	1136	rBV	342229	565765	14.88%	1.503%
8	10.239	1210	1216	1226	rBV2	477191	793569	20.87%	2.108%
9	10.622	1274	1281	1292	rVB	936615	1515032	39.84%	4.024%
10	10.763	1299	1305	1316	rBV	236851	425521	11.19%	1.130%
11	13.880	1827	1835	1839	rBV	931231	1294550	34.04%	3.439%
12	13.927	1839	1843	1849	rVB	196277	273791	7.20%	0.727%
13	14.163	1876	1883	1894	rBV	997711	1462944	38.47%	3.886%
14	14.474	1929	1936	1943	rBV2	1376530	2127863	55.96%	5.652%
15	14.674	1963	1970	1982	rBV	377494	631180	16.60%	1.677%
16	15.298	2071	2076	2081	rVB	61663	71176	1.87%	0.189%
17	15.462	2098	2104	2112	rBV	1356525	1954971	51.41%	5.193%
18	15.592	2121	2126	2134	rBV	429976	602960	15.86%	1.602%
19	15.704	2138	2145	2149	rVB4	39277	59165	1.56%	0.157%
20	15.821	2156	2165	2169	rBV2	43024	72163	1.90%	0.192%
21	16.162	2218	2223	2233	rBV	83947	152331	4.01%	0.405%
22	16.956	2353	2358	2361	rBV	48580	66543	1.75%	0.177%
23	17.221	2396	2403	2408	rBV	1929078	2733578	71.88%	7.261%
24	17.262	2408	2410	2414	rVV	88021	101883	2.68%	0.271%
25	17.321	2414	2420	2434	rVB2	1580591	2283410	60.05%	6.066%
26	17.509	2446	2452	2457	rBV3	42362	67735	1.78%	0.180%
27	17.586	2459	2465	2471	rBV6	43488	77576	2.04%	0.206%
28	18.092	2546	2551	2556	rBV3	108690	151093	3.97%	0.401%
29	19.250	2742	2748	2749	rBV2	31799	49360	1.30%	0.131%
30	19.280	2749	2753	2757	rVB	184732	246081	6.47%	0.654%
31	19.374	2765	2769	2774	rBV3	51238	61254	1.61%	0.163%
32	19.615	2804	2810	2821	rBV	2087033	3086893	81.18%	8.200%
33	19.721	2824	2828	2831	rBV4	43201	58289	1.53%	0.155%
34	20.103	2889	2893	2894	rBV3	35637	38949	1.02%	0.103%

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35	20.274	2919	2922	2925	rBV4	49330	55173	1.45%	0.147%
36	20.686	2988	2992	2997	rBV	272903	326212	8.58%	0.867%
37	21.086	3056	3060	3071	rVB2	314750	444194	11.68%	1.180%
38	21.403	3108	3114	3118	rBV	2953345	3802743	100.00%	10.101%
39	22.450	3288	3292	3295	rBV5	101339	144909	3.81%	0.385%
40	22.962	3375	3379	3382	rVB2	155982	212771	5.60%	0.565%
41	23.015	3384	3388	3399	rVB	217746	438126	11.52%	1.164%
42	23.568	3475	3482	3497	rVB	1438199	2996212	78.79%	7.959%
43	23.715	3500	3507	3522	rVB	1658110	3345648	87.98%	8.887%
44	24.209	3586	3591	3598	rVB2	240680	478266	12.58%	1.270%

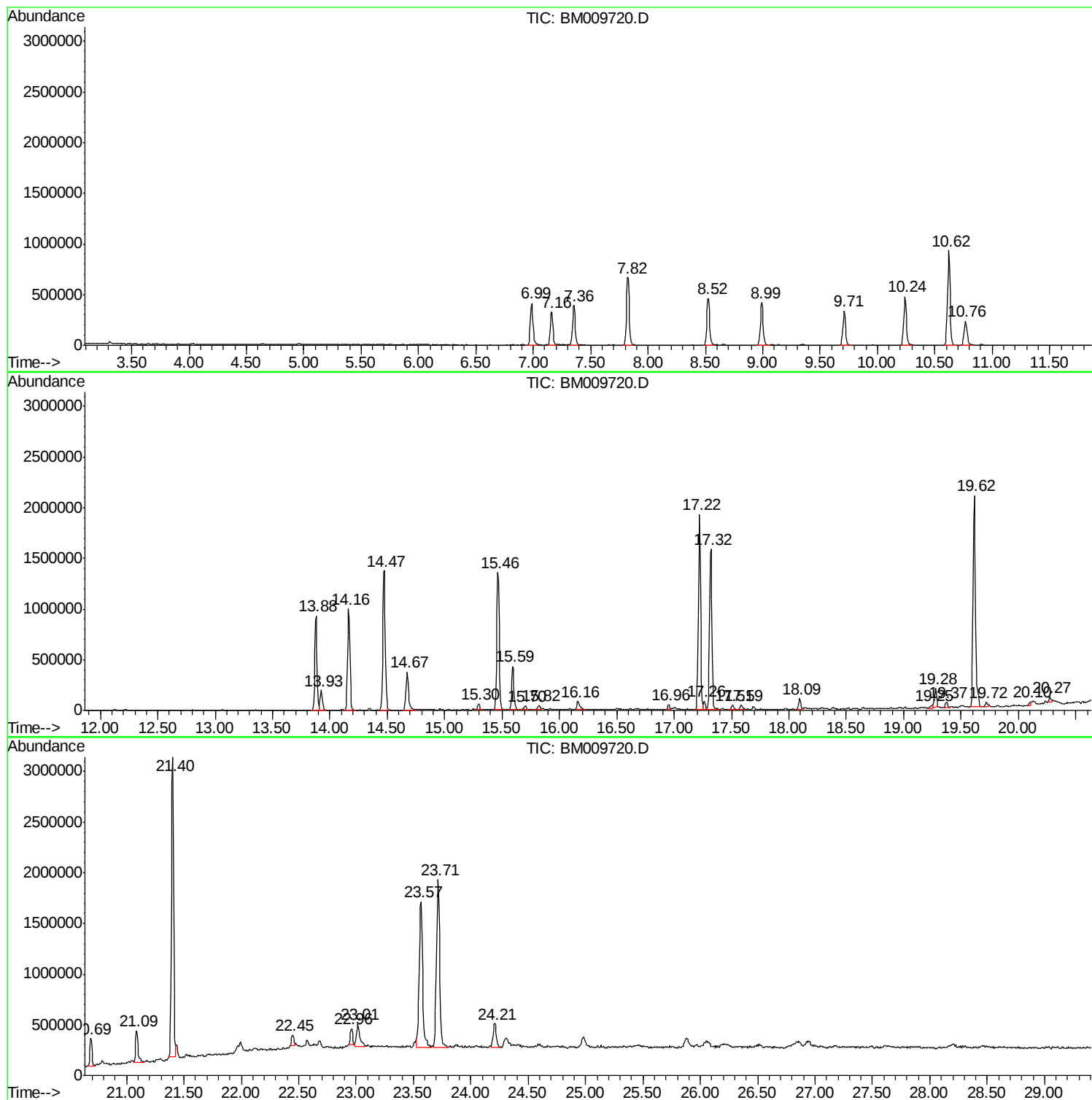
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Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM042517.M
Quant Title : SVOA CALIBRATION

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



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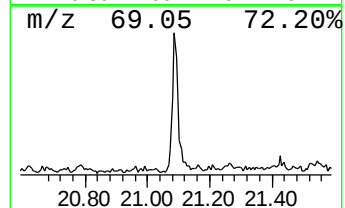
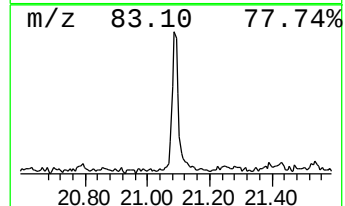
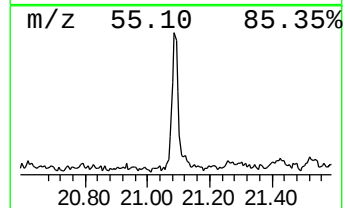
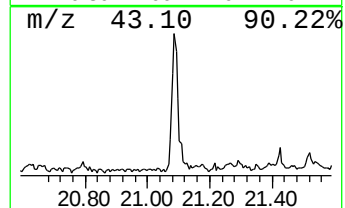
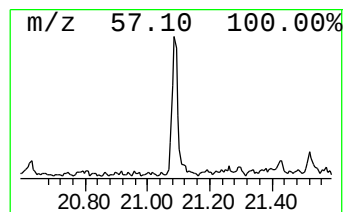
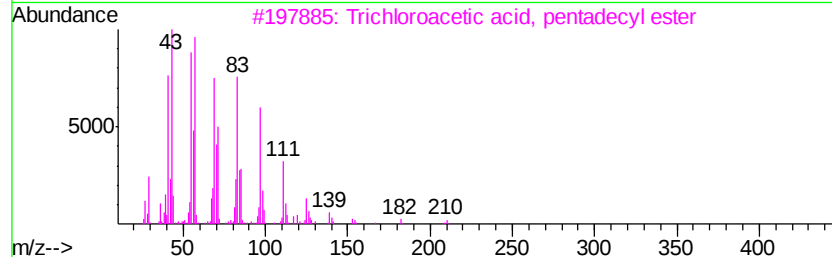
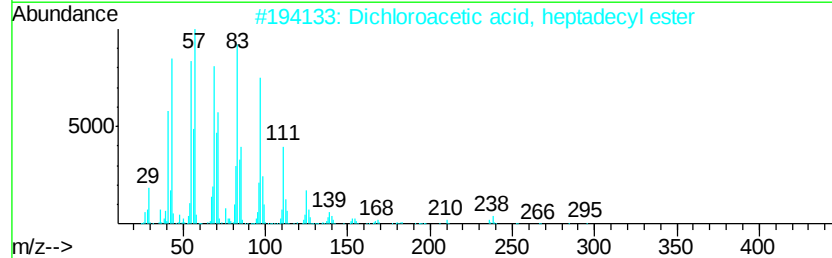
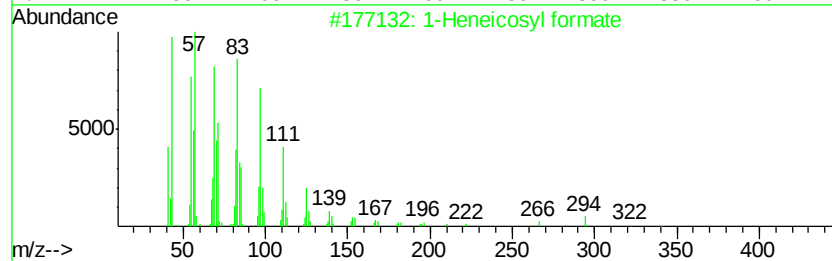
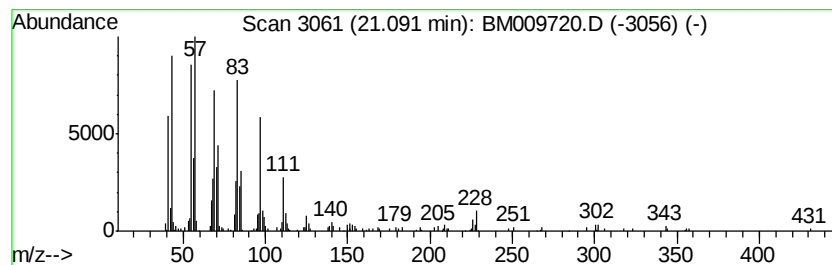
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 1 1-Heneicosyl formate Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.		
21.09	2.34 ng/ul	444194	Chrysene-d12	21.40		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Heneicosyl formate	340	C22H44O2	077899-03-7	91	
2	Dichloroacetic acid, heptadecyl ...	366	C19H36Cl2O2	1000282-98-2	91	
3	Trichloroacetic acid, pentadecyl...	372	C17H31Cl3O2	074339-53-0	91	
4	1-Heptacosanol	396	C27H56O	002004-39-9	91	
5	Bromoacetic acid, pentadecyl ester	348	C17H33BrO2	131143-01-6	87	



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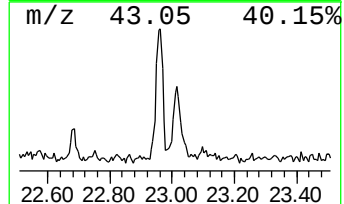
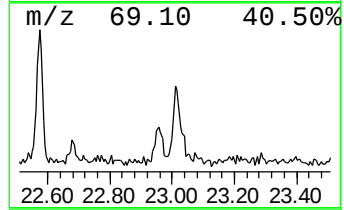
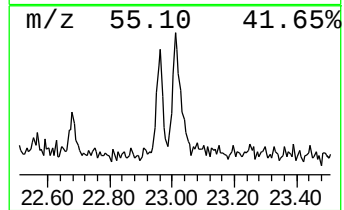
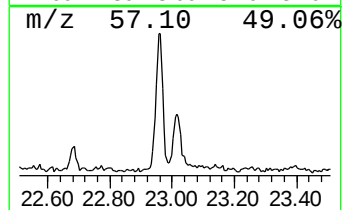
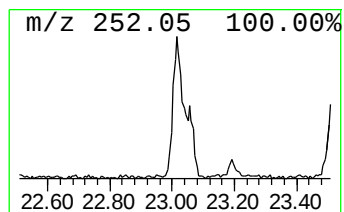
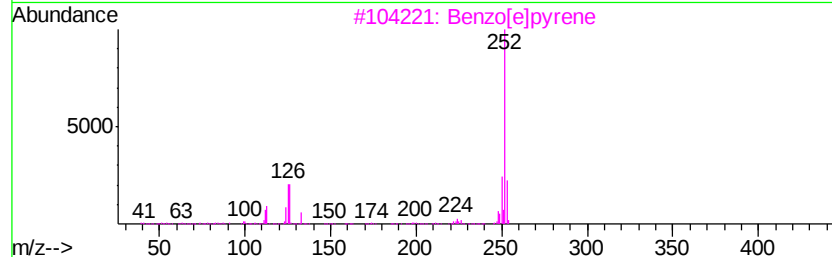
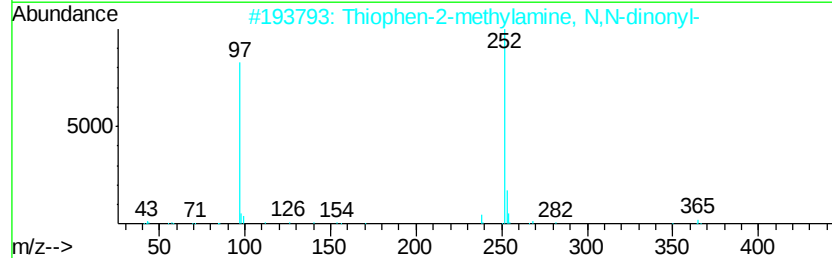
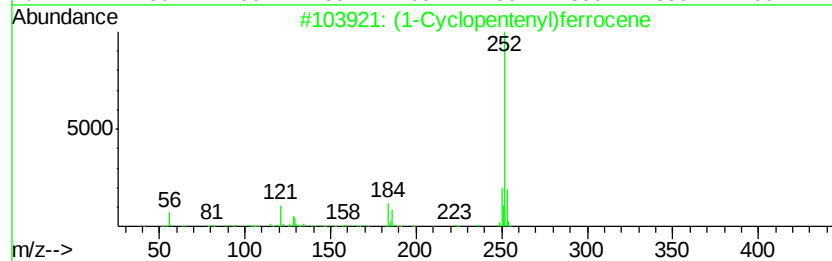
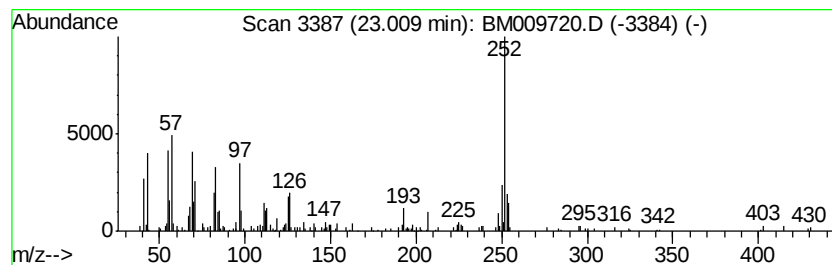
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Peak Number 2 (1-Cyclopentenyl)ferrocene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.01	2.62 ng/ul	438126	Perylene-d12	23.71

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	(1-Cyclopentenyl)ferrocene	252	C15H16Fe	012260-67-2	64
2		Thiophen-2-methylamine, N,N-dino...	365	C23H43NS	1000310-36-1	59
3		Benzo[e]pyrene	252	C20H12	000192-97-2	58
4		Benzo[k]fluoranthene	252	C20H12	000207-08-9	58
5		Benzo[e]pyrene	252	C20H12	000192-97-2	52



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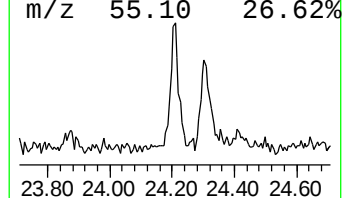
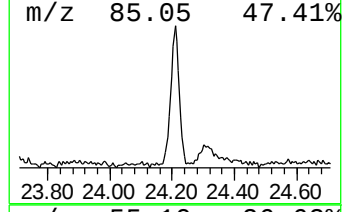
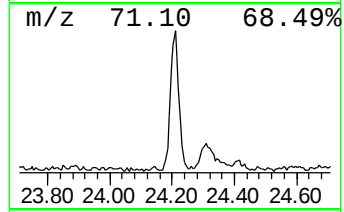
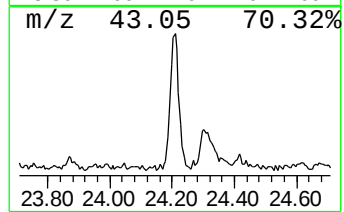
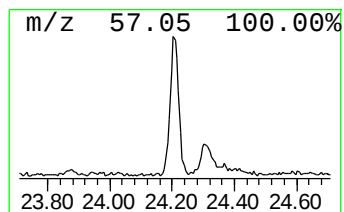
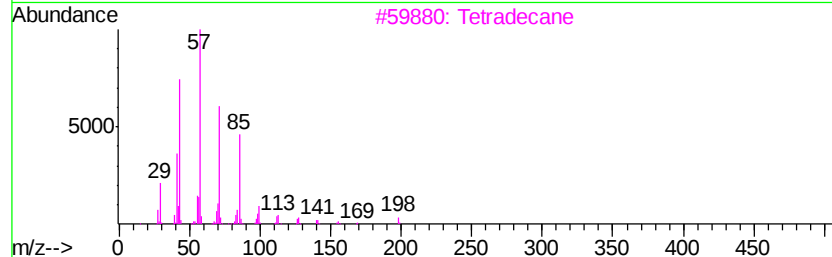
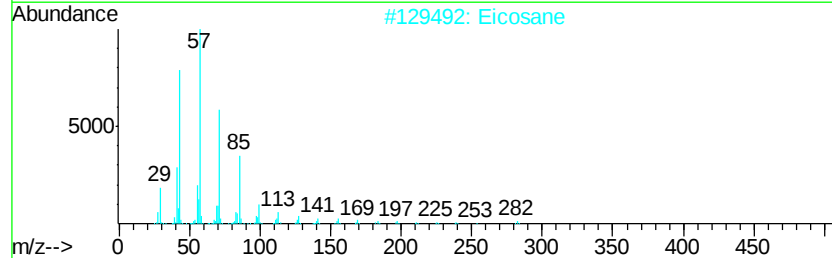
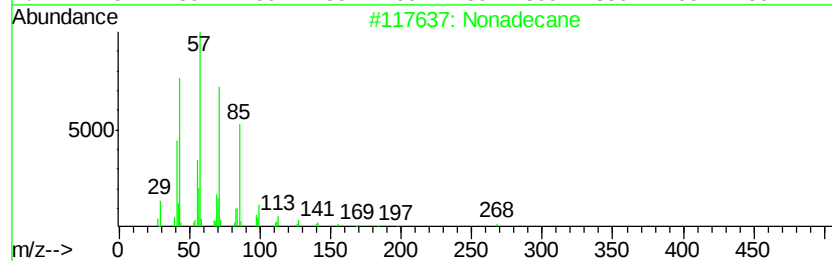
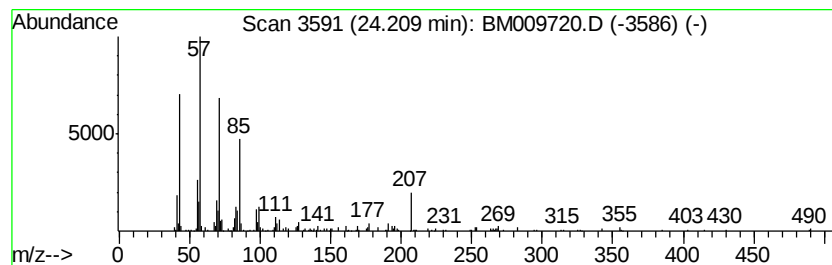
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Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.21	2.86 ng/ul	478266	Perylene-d12	23.71

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Nonadecane	268	C19H40	000629-92-5	94
2		Eicosane	282	C20H42	000112-95-8	92
3		Tetradecane	198	C14H30	000629-59-4	89
4		Eicosane	282	C20H42	000112-95-8	81
5		Nonadecane	268	C19H40	000629-92-5	81



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
1-Heneicosyl formate	21.09	2.3	ng/ul	444194	5	21.40	3802740	20.0
(1-Cyclopentenyl)...	23.01	2.6	ng/ul	438126	6	23.71	3345650	20.0
(DEL) Alkane: Str...	24.21	2.9	ng/ul	478266	6	23.71	3345650	20.0