

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM050317\
 Data File : BM009872.D
 Acq On : 03 May 2017 13:43
 Operator : SJ/MA
 Sample : I2871-12
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 YAB23

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	5.893	473	477	483	rVB4	19157	32165	1.00%	0.092%
2	6.834	631	637	644	rBV2	23712	43909	1.37%	0.125%
3	6.987	656	663	675	rBV	481885	849913	26.44%	2.428%
4	7.139	683	689	695	rBV	350641	527413	16.40%	1.507%
5	7.339	717	723	731	rBV2	461455	745757	23.20%	2.131%
6	7.404	731	734	743	rVB2	42288	74775	2.33%	0.214%
7	7.581	757	764	772	rVB	17593	34321	1.07%	0.098%
8	7.804	796	802	809	rBV2	511376	810031	25.20%	2.314%
9	8.522	917	924	932	rBV	545057	930639	28.95%	2.659%
10	8.975	994	1001	1008	rBV	467578	772190	24.02%	2.206%
11	9.092	1016	1021	1027	rBV2	41943	72417	2.25%	0.207%
12	9.692	1115	1123	1132	rBV	409281	686502	21.35%	1.961%
13	10.233	1207	1215	1224	rBV	549021	974484	30.31%	2.784%
14	10.598	1271	1277	1286	rVB	683615	1162880	36.17%	3.323%
15	10.751	1296	1303	1314	rBV	357677	652386	20.29%	1.864%
16	12.786	1644	1649	1655	rVB3	48363	72203	2.25%	0.206%
17	13.039	1684	1692	1699	rBV2	69942	105256	3.27%	0.301%
18	13.321	1735	1740	1746	rVB3	24281	38320	1.19%	0.109%
19	13.863	1825	1832	1836	rBV	1097612	1500529	46.67%	4.287%
20	13.910	1836	1840	1846	rVB	848111	1119981	34.84%	3.200%
21	14.151	1874	1881	1891	rBV	1152154	1698546	52.83%	4.853%
22	14.327	1905	1911	1917	rBV6	21023	34690	1.08%	0.099%
23	14.457	1926	1933	1942	rVB2	1063423	1599888	49.76%	4.571%
24	14.692	1967	1973	1983	rBV2	461502	863633	26.86%	2.468%
25	15.274	2067	2072	2077	rVB3	37630	52494	1.63%	0.150%
26	15.451	2096	2102	2110	rBV	1526582	2177207	67.72%	6.221%
27	15.592	2116	2126	2135	rBV2	497981	764685	23.79%	2.185%
28	15.686	2139	2142	2151	rVB7	31951	50485	1.57%	0.144%
29	16.139	2215	2219	2227	rBV2	48362	81115	2.52%	0.232%
30	16.333	2245	2252	2256	rBV7	21723	39433	1.23%	0.113%
31	16.933	2350	2354	2359	rBV3	31429	44126	1.37%	0.126%
32	17.209	2394	2401	2408	rBV	1461253	2078452	64.65%	5.939%
33	17.309	2408	2418	2427	rVB	1796699	2594508	80.70%	7.413%
34	17.568	2453	2462	2471	rBV3	256375	384313	11.95%	1.098%

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35	17.674	2476	2480	2485	rBV6	28493	43832	1.36%	0.125%
36	18.368	2594	2598	2601	rBV5	24323	35221	1.10%	0.101%
37	18.939	2690	2695	2701	rBV	464763	599304	18.64%	1.712%
38	19.497	2787	2790	2793	rVB4	32291	36377	1.13%	0.104%
39	19.603	2802	2808	2813	rBV	2464430	3214975	100.00%	9.186%
40	19.645	2813	2815	2819	rVB5	37917	43794	1.36%	0.125%
41	21.074	3054	3058	3064	rBV2	276782	358014	11.14%	1.023%
42	21.391	3107	3112	3117	rBV	2122359	2579866	80.25%	7.371%
43	23.556	3475	3480	3488	rVB2	1314281	2507445	77.99%	7.164%
44	23.703	3499	3505	3512	rVB	990663	1910963	59.44%	5.460%

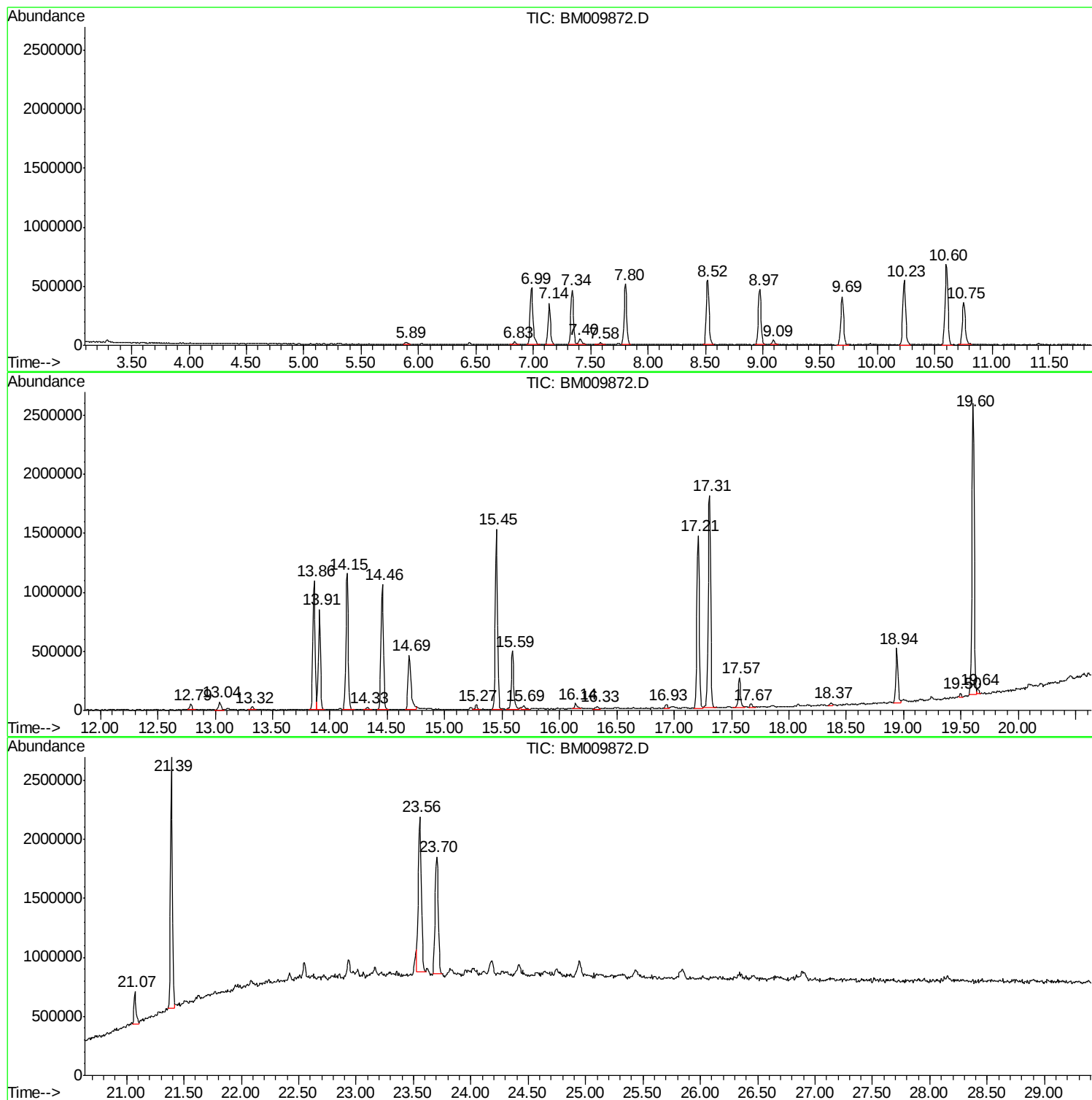
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Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM042517.M
Quant Title : SVOA CALIBRATION

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



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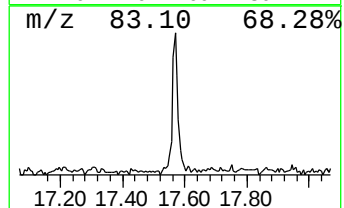
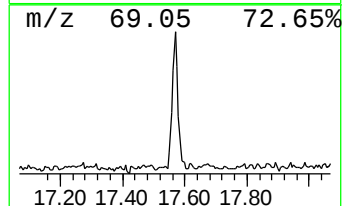
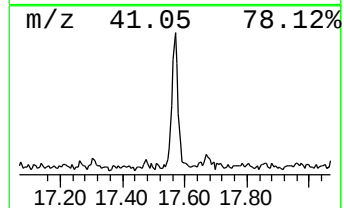
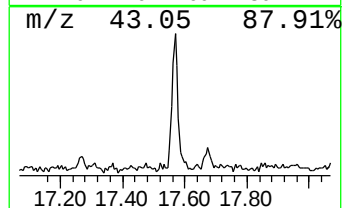
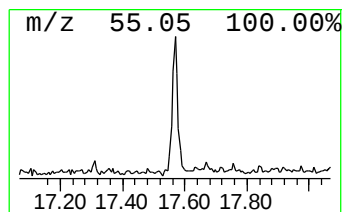
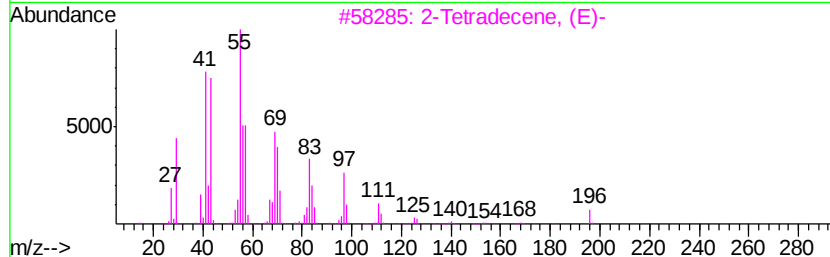
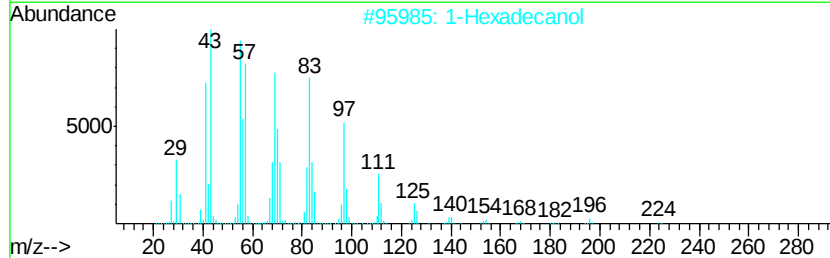
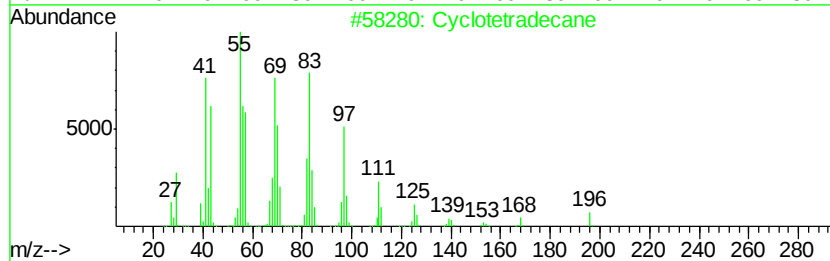
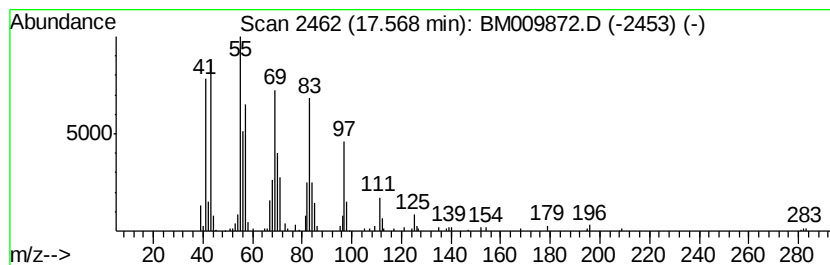
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Quant Title : SVOA CALIBRATION

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

Peak Number 1 (DEL) Alkane: Cyclic17.57 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.	
17.57	3.70 ng/ul	384313	Phenanthrene-d10	17.21	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclotetradecane	196	C14H28	000295-17-0	98
2	1-Hexadecanol	242	C16H34O	036653-82-4	95
3	2-Tetradecene, (E)-	196	C14H28	035953-54-9	94
4	Cyclotetradecane	196	C14H28	000295-17-0	94
5	7-Hexadecene, (Z)-	224	C16H32	035507-09-6	91



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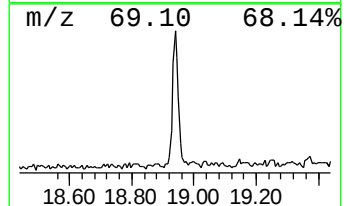
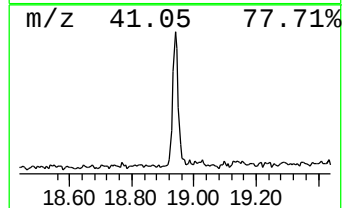
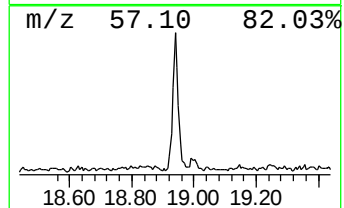
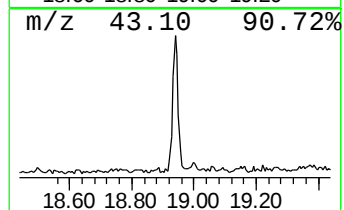
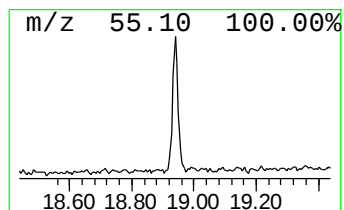
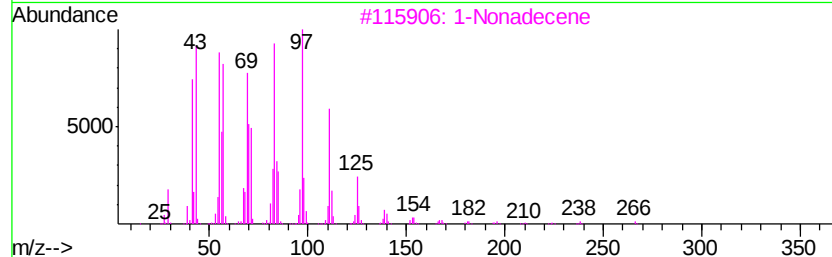
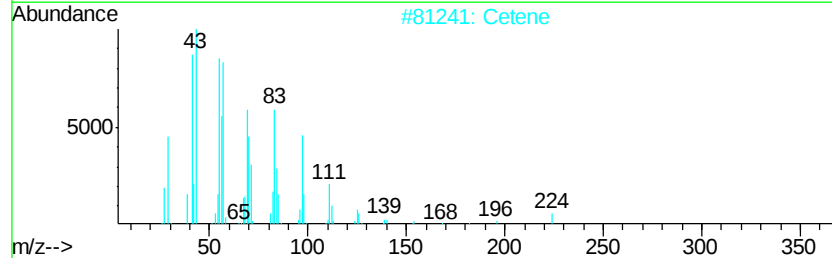
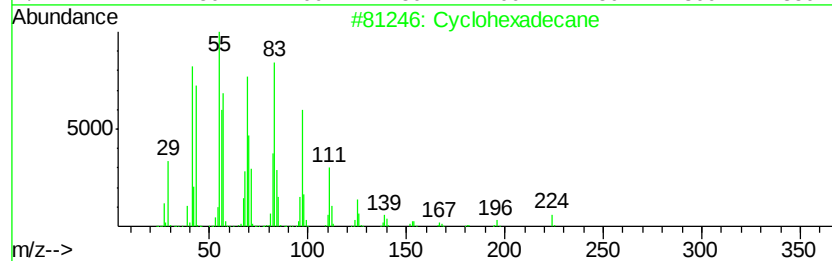
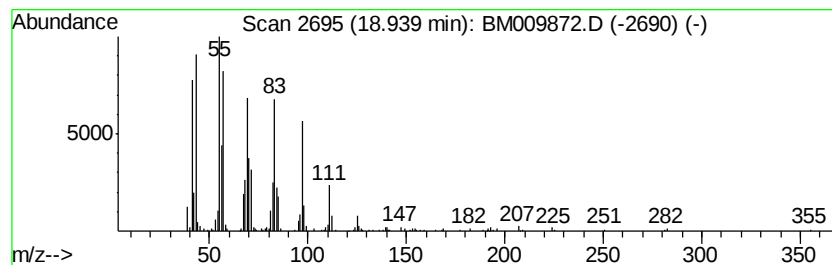
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Peak Number 2 (DEL) Alkane: Cyclic18.94 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.94	5.77 ng/ul	599304	Phenanthrene-d10	17.21

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexadecane	224	C16H32	000295-65-8	93
2			Cetene	224	C16H32	000629-73-2	93
3			1-Nonadecene	266	C19H38	018435-45-5	91
4			3-Octadecene, (E)-	252	C18H36	007206-19-1	91
5			Tetradecyl trifluoroacetate	310	C16H29F3O2	006222-02-2	91



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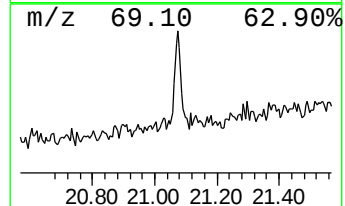
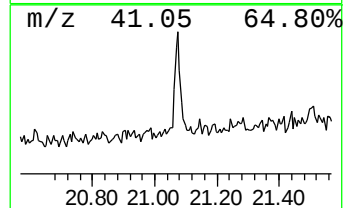
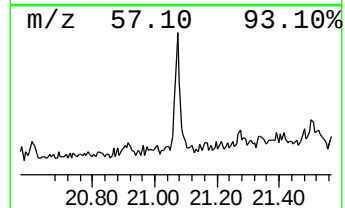
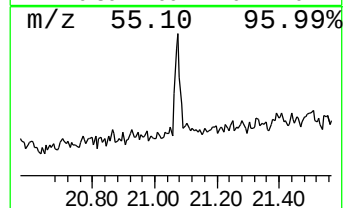
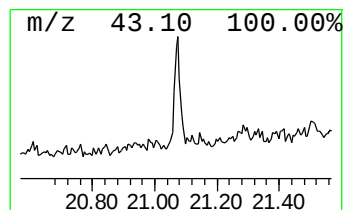
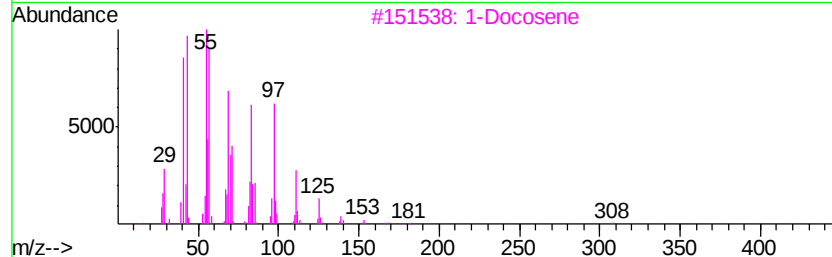
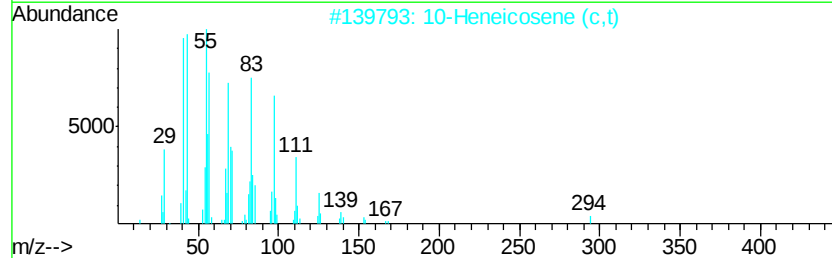
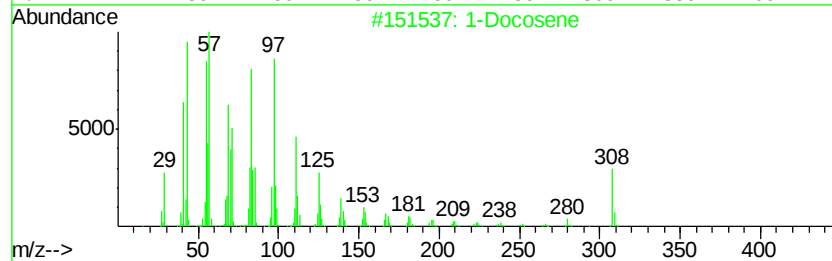
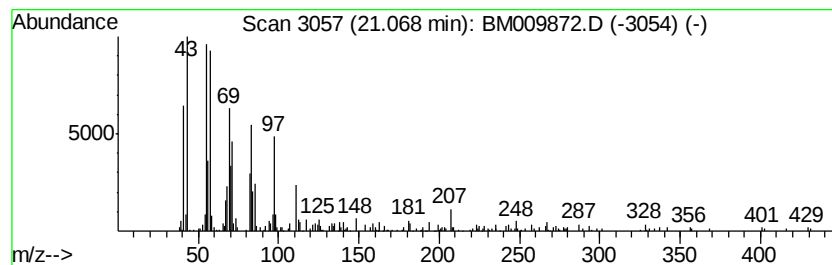
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Peak Number 3 (DEL) Alkane: Cyclic21.07 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.07	2.78 ng/ul	358014	Chrysene-d12	21.39

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1-Docosene	308	C22H44	001599-67-3	94
2			10-Heneicosene (c,t)	294	C21H42	095008-11-0	93
3			1-Docosene	308	C22H44	001599-67-3	93
4			Octadecyl trifluoroacetate	366	C20H37F3O2	079392-43-1	91
5			Heptafluorobutyric acid, hexadec...	438	C20H33F7O2	006385-15-5	91



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					--Internal Standard--			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
(DEL) Alkane: Cyc...	17.57	3.7	ng/ul	384313	4	17.21	2078450	20.0
(DEL) Alkane: Cyc...	18.94	5.8	ng/ul	599304	4	17.21	2078450	20.0
(DEL) Alkane: Cyc...	21.07	2.8	ng/ul	358014	5	21.39	2579870	20.0