

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM021920\
 Data File : BM024952.D
 Acq On : 19 Feb 2020 20:05
 Operator : CG/JU
 Sample : L1486-18
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DBCX0

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-BM020620MA.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	3.034	21	25	35	rVB3	43705	102879	1.55%	0.169%
2	3.716	135	141	152	rVB	177280	392415	5.90%	0.645%
3	6.587	623	629	641	rBV	230369	393935	5.93%	0.648%
4	6.740	649	655	673	rBV	926824	1492338	22.45%	2.454%
5	6.928	681	687	699	rBV	1027343	1663557	25.03%	2.735%
6	7.387	759	765	773	rBV	944529	1504462	22.64%	2.473%
7	8.099	880	886	900	rBV2	702472	1145722	17.24%	1.884%
8	8.522	951	958	974	rBV	1079650	1787536	26.89%	2.939%
9	9.016	1037	1042	1044	rBV4	13282	20480	0.31%	0.034%
10	9.234	1072	1079	1093	rBV	880535	1486423	22.36%	2.444%
11	9.775	1163	1171	1186	rBV	1206197	2268072	34.12%	3.729%
12	10.134	1225	1232	1243	rBV	1111792	1902928	28.63%	3.129%
13	10.298	1253	1260	1273	rBV2	36721	85984	1.29%	0.141%
14	11.745	1502	1506	1517	rVB2	15020	32040	0.48%	0.053%
15	13.457	1791	1797	1803	rBV	2396676	3430860	51.62%	5.641%
16	13.504	1803	1805	1813	rVB	82362	112117	1.69%	0.184%
17	13.716	1835	1841	1853	rBV	2948523	4319546	64.99%	7.102%
18	14.033	1888	1895	1904	rBV2	1676063	2415690	36.34%	3.972%
19	14.275	1929	1936	1956	rBV2	53274	184279	2.77%	0.303%
20	15.039	2059	2066	2079	rVV	3813345	5310593	79.90%	8.731%
21	15.175	2083	2089	2100	rVV	836335	1282904	19.30%	2.109%
22	15.280	2102	2107	2112	rVB2	41947	61840	0.93%	0.102%
23	15.827	2195	2200	2207	rVB6	11357	19657	0.30%	0.032%
24	16.251	2267	2272	2277	rBV4	13009	19267	0.29%	0.032%
25	16.474	2303	2310	2314	rBV7	5296	8257	0.12%	0.014%
26	16.786	2357	2363	2374	rBV	1996604	2722198	40.96%	4.476%
27	16.886	2374	2380	2399	rVV	3879410	5568895	83.79%	9.156%
28	17.016	2399	2402	2412	rVB7	17383	28491	0.43%	0.047%
29	17.604	2497	2502	2510	rBV6	29722	51637	0.78%	0.085%
30	17.733	2519	2524	2532	rBV	190976	289735	4.36%	0.476%
31	18.016	2568	2572	2578	rVB4	13142	22973	0.35%	0.038%
32	18.615	2669	2674	2678	rBV8	4488	8261	0.12%	0.014%
33	18.833	2706	2711	2715	rBV2	42829	60434	0.91%	0.099%
34	18.904	2719	2723	2730	rVV8	16669	29833	0.45%	0.049%

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35	19.027	2741	2744	2749	rBV5	33936	56022	0.84%	0.092%
36	19.080	2750	2753	2758	rVB2	38872	47839	0.72%	0.079%
37	19.198	2766	2773	2781	rBV	4852002	6583795	99.06%	10.824%
38	19.804	2874	2876	2879	rBV4	10333	12343	0.19%	0.020%
39	20.762	3035	3039	3047	rBV	349462	475879	7.16%	0.782%
40	20.962	3071	3073	3075	rBV	62903	54279	0.82%	0.089%
41	21.004	3075	3080	3087	rVV	2382794	2984150	44.90%	4.906%
42	21.209	3113	3115	3118	rVB3	48958	47562	0.72%	0.078%
43	22.174	3276	3279	3287	rVB	428182	527331	7.93%	0.867%
44	22.968	3408	3414	3424	rVB	4078483	6646567	100.00%	10.928%
45	23.098	3431	3436	3446	rVB	1857036	3161485	47.57%	5.198%

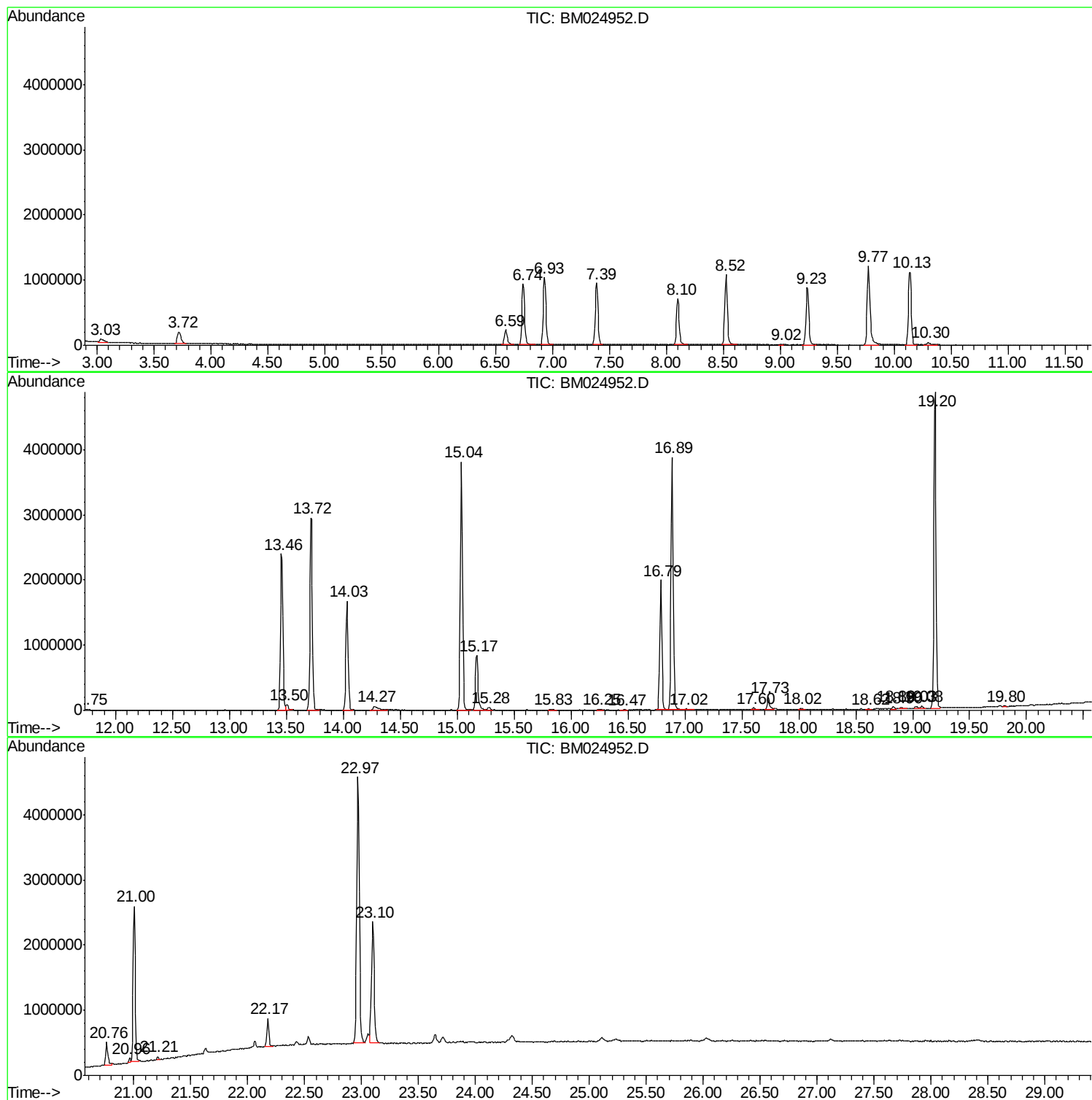
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM020620MA.M
Quant Title : SVOA CALIBRATION

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



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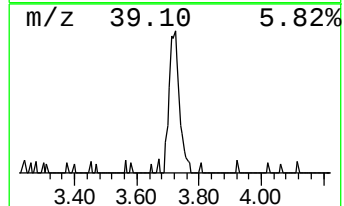
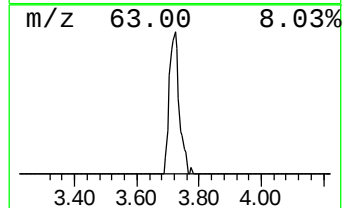
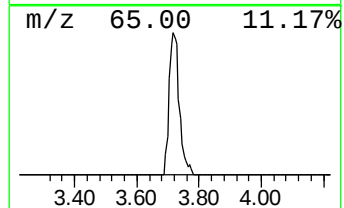
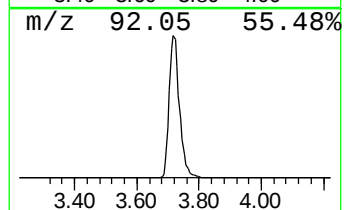
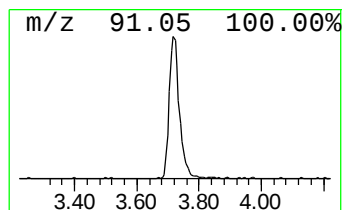
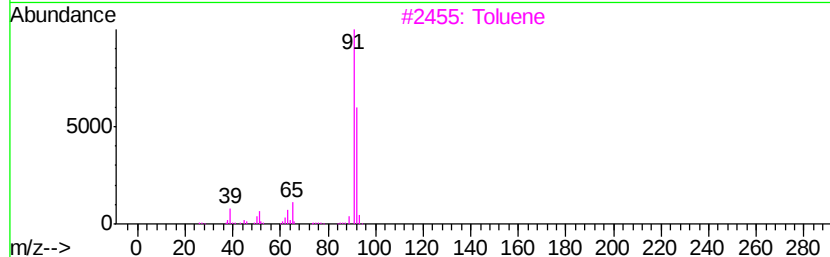
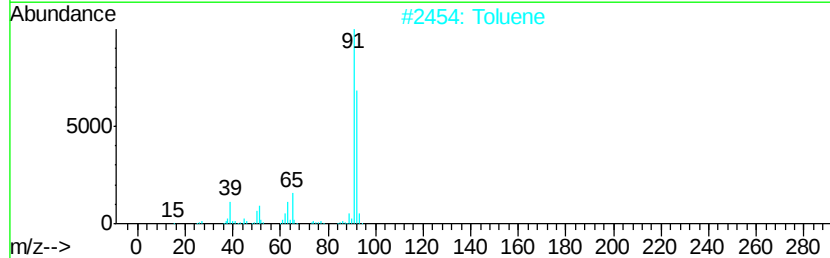
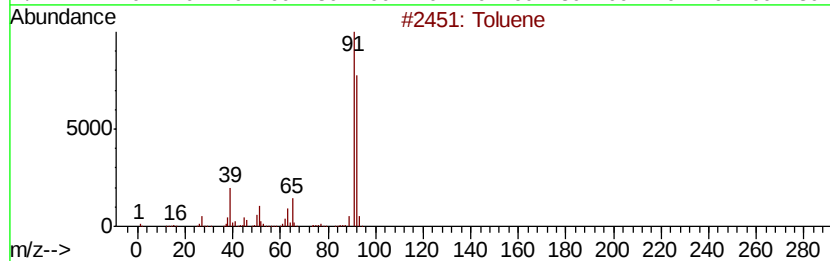
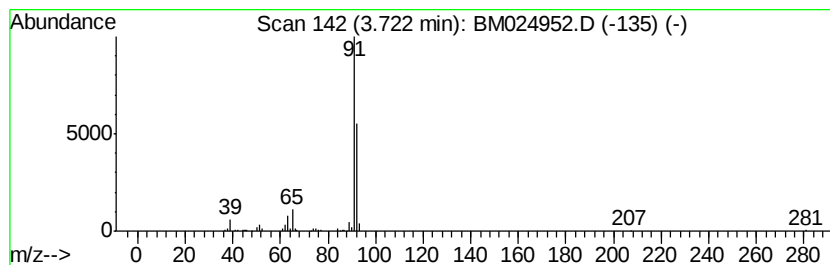
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM020620MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 Toluene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.72	5.22 ng/ul	392415	1,4-Dichlorobenzene-d4	7.39

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Toluene	92	C7H8	000108-88-3	91
2		Toluene	92	C7H8	000108-88-3	91
3		Toluene	92	C7H8	000108-88-3	91
4		Toluene	92	C7H8	000108-88-3	90
5		Toluene	92	C7H8	000108-88-3	87



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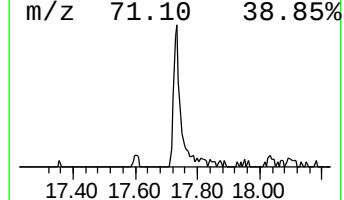
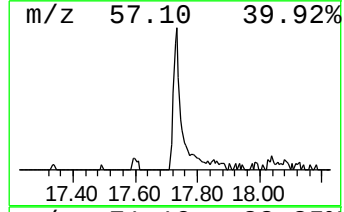
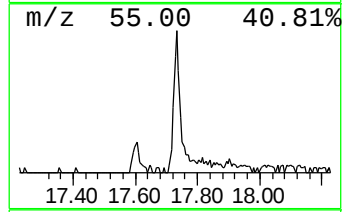
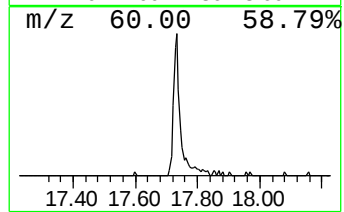
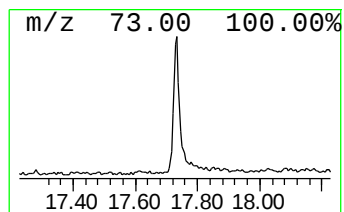
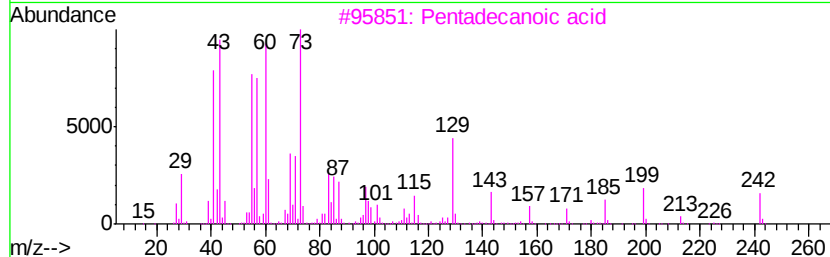
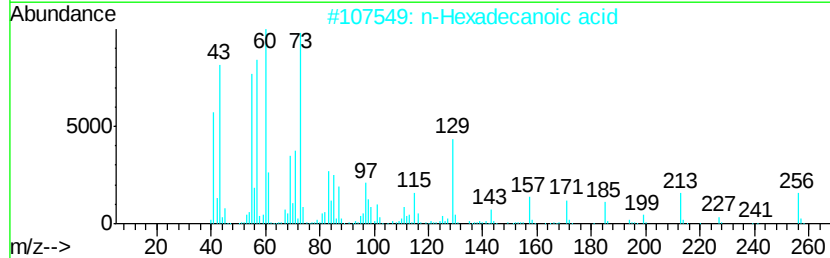
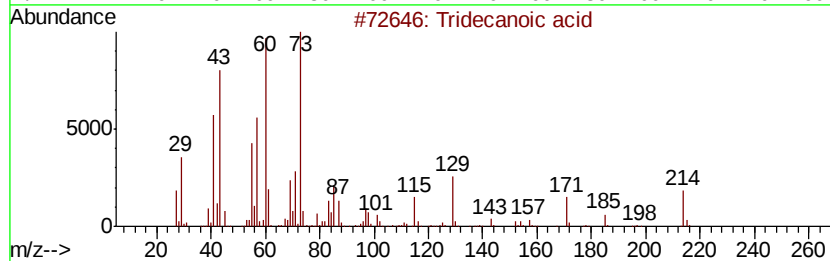
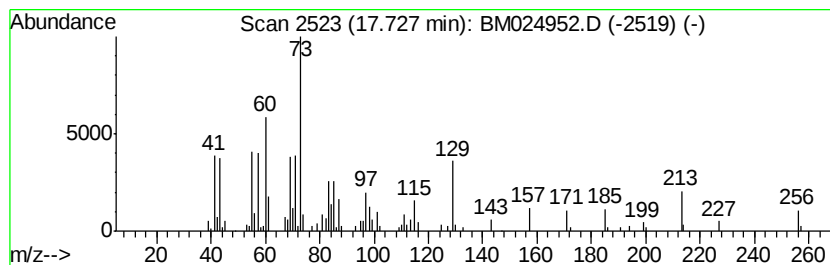
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Peak Number 2 Tridecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.73	2.13 ng/ul	289735	Phenanthrene-d10	16.79

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Tridecanoic acid	214	C13H26O2	000638-53-9	76
2		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	68
3		Pentadecanoic acid	242	C15H30O2	001002-84-2	64
4		Octadecanoic acid	284	C18H36O2	000057-11-4	62
5		Undecanoic acid	186	C11H22O2	000112-37-8	59



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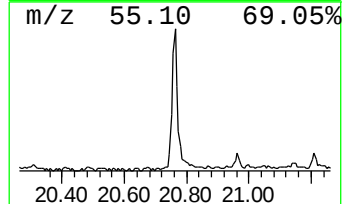
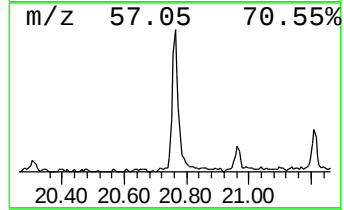
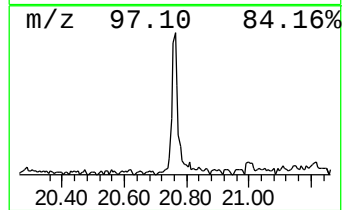
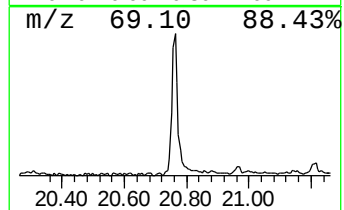
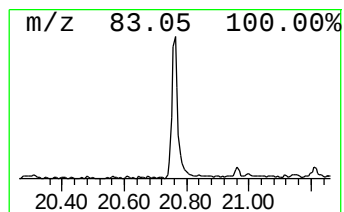
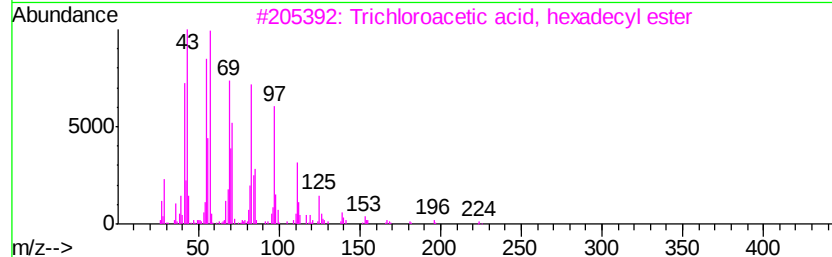
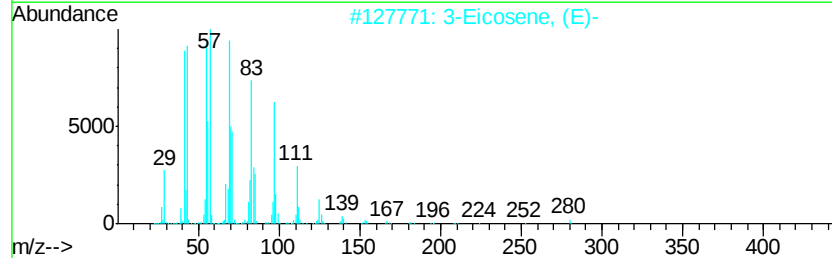
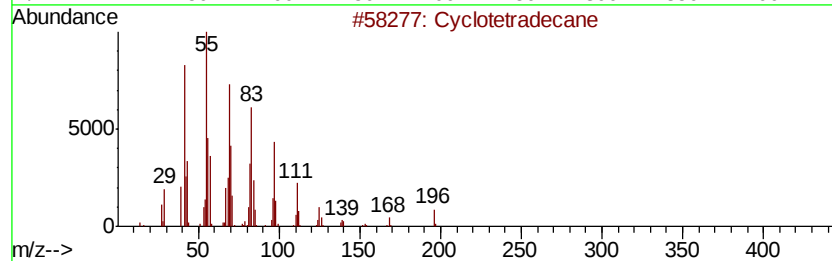
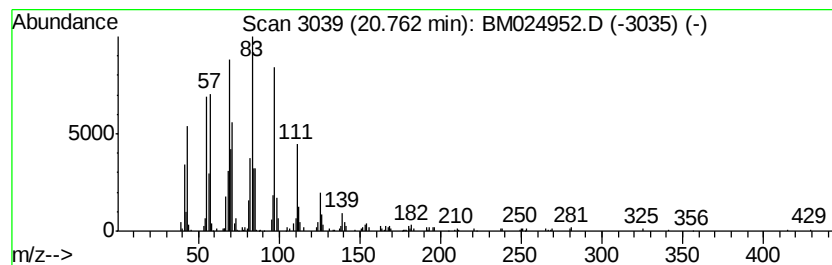
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 3 (DEL) Alkane: Cyclic20.76 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.76	3.19 ng/ul	475879	Chrysene-d12	21.00

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclotetradecane	196	C14H28	000295-17-0	93
2		3-Eicosene, (E)-	280	C20H40	074685-33-9	91
3		Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	91
4		Behenic alcohol	326	C22H46O	000661-19-8	91
5		1-Heneicosanol	312	C21H44O	015594-90-8	91



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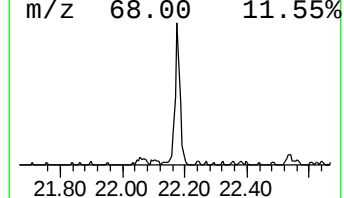
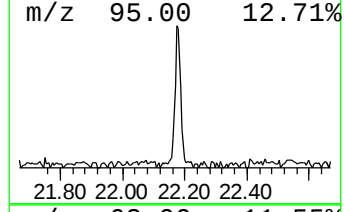
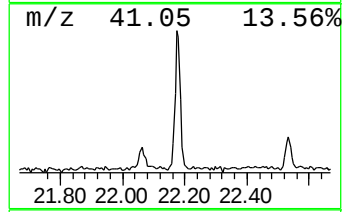
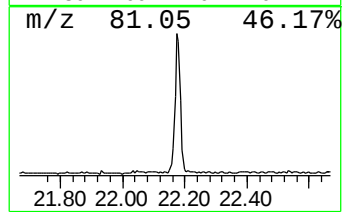
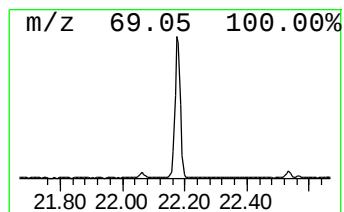
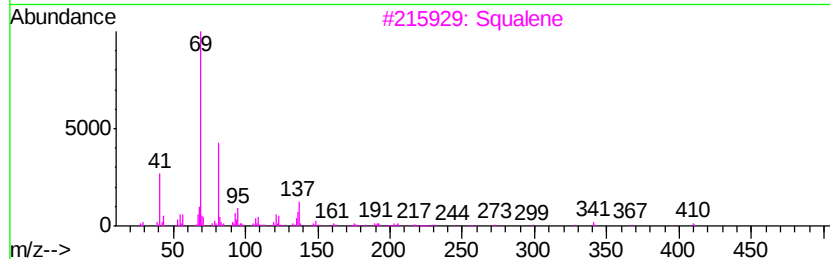
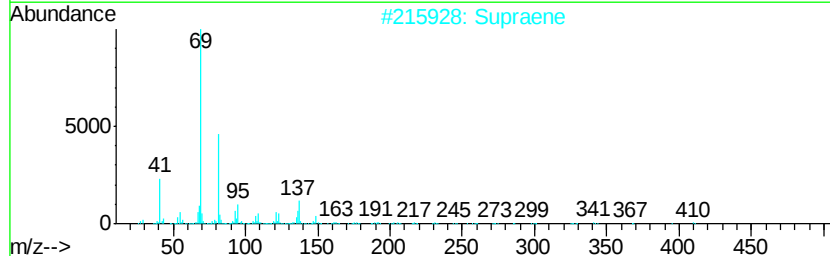
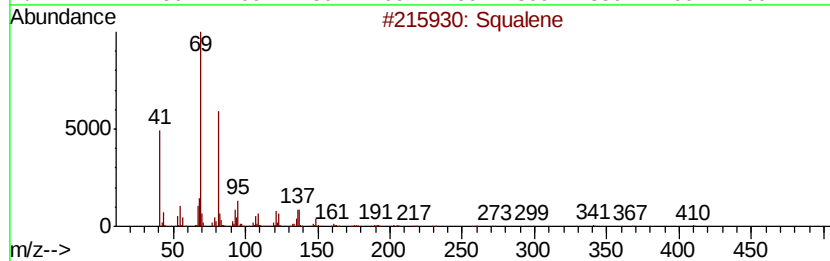
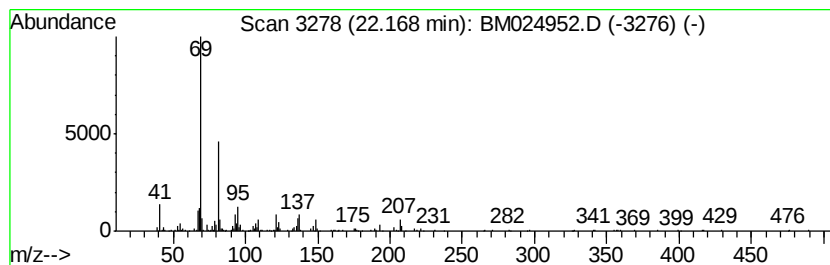
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Peak Number 4 Squalene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.17	3.34 ng/ul	527331	Perylene-d12	23.10

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Squalene	410	C30H50	000111-02-4	87
2		Supraene	410	C30H50	007683-64-9	87
3		Squalene	410	C30H50	000111-02-4	83
4		4,9,13,17-Tetramethyl-4,8,12,16-...	316	C22H36O	056882-09-8	72
5		4,8,12-Tetradecatrienal, 5,9,13-...	248	C17H28O	066408-55-7	72



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Toluene	3.72	5.2	ng/ul	392415	1	7.39	1504460	20.0
Tridecanoic acid	17.73	2.1	ng/ul	289735	4	16.79	2722200	20.0
(DEL) Alkane: Cyc...	20.76	3.2	ng/ul	475879	5	21.00	2984150	20.0
Squalene	22.17	3.3	ng/ul	527331	6	23.10	3161490	20.0