

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM121919\
 Data File : BM024183.D
 Acq On : 19 Dec 2019 20:34
 Operator : JU
 Sample : K6171-21
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0BW8

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-BM121719MA.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	2.999	15	19	32	rVB	75397	135919	1.48%	0.131%
2	3.693	135	137	142	rVB2	14005	19003	0.21%	0.018%
3	6.634	630	637	655	rBV	1451833	2474777	26.94%	2.393%
4	6.787	658	663	681	rVV	1242637	2075489	22.59%	2.007%
5	6.975	688	695	707	rBV	1626571	2594074	28.23%	2.509%
6	7.434	767	773	786	rBV	1157942	1832850	19.95%	1.772%
7	7.528	786	789	795	rVB7	10154	18077	0.20%	0.017%
8	8.157	889	896	912	rBV	1915623	3251409	35.39%	3.144%
9	8.592	962	970	983	rBV	1493222	2581346	28.10%	2.496%
10	9.028	1039	1044	1050	rVB	35165	52334	0.57%	0.051%
11	9.304	1084	1091	1108	rBV	1290786	2197742	23.92%	2.125%
12	9.845	1176	1183	1205	rBV	1892906	3398308	36.99%	3.286%
13	10.204	1234	1244	1254	rBV	1707579	2798237	30.46%	2.706%
14	10.357	1263	1270	1293	rBV	1780285	3369973	36.68%	3.259%
15	11.457	1450	1457	1461	rBV7	5928	11838	0.13%	0.011%
16	11.816	1509	1518	1529	rVB4	24740	61493	0.67%	0.059%
17	13.398	1785	1787	1792	rBV6	6146	9393	0.10%	0.009%
18	13.527	1802	1809	1813	rBV	3802905	5288810	57.56%	5.115%
19	13.574	1813	1817	1828	rVB	673538	999712	10.88%	0.967%
20	13.786	1846	1853	1868	rBV	4362602	6460301	70.31%	6.248%
21	14.027	1890	1894	1899	rBV6	12364	16005	0.17%	0.015%
22	14.098	1899	1906	1916	rVV	2622350	3868227	42.10%	3.741%
23	14.210	1920	1925	1931	rVB5	25188	35893	0.39%	0.035%
24	14.345	1942	1948	1967	rBV	975488	2015009	21.93%	1.949%
25	14.551	1980	1983	1992	rVB7	28015	58781	0.64%	0.057%
26	14.986	2054	2057	2063	rVB6	9776	14857	0.16%	0.014%
27	15.104	2070	2077	2092	rBV	5794932	8033379	87.44%	7.769%
28	15.251	2096	2102	2113	rBV	1510084	2157798	23.49%	2.087%
29	15.345	2113	2118	2124	rVB2	64807	104327	1.14%	0.101%
30	15.545	2148	2152	2157	rVB5	8770	12094	0.13%	0.012%
31	15.857	2202	2205	2208	rBV5	7831	10699	0.12%	0.010%
32	15.892	2208	2211	2215	rVB5	19602	27153	0.30%	0.026%
33	16.310	2277	2282	2287	rBV8	8292	17240	0.19%	0.017%
34	16.539	2318	2321	2325	rVV6	11279	14222	0.15%	0.014%

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35	16.651	2334	2340	2345	rBV4	19655	35091	0.38%	0.034%
36	16.857	2369	2375	2385	rBV	3102598	4332560	47.16%	4.190%
37	16.957	2386	2392	2407	rVV	5890913	8251879	89.81%	7.980%
38	17.080	2408	2413	2417	rVB8	15439	36324	0.40%	0.035%
39	17.274	2440	2446	2456	rVB8	19887	43508	0.47%	0.042%
40	17.380	2461	2464	2468	rBV5	8823	14400	0.16%	0.014%
41	17.657	2508	2511	2517	rVB7	11092	10855	0.12%	0.010%
42	17.786	2528	2533	2546	rBV	290985	504936	5.50%	0.488%
43	18.080	2580	2583	2585	rBV3	12675	13551	0.15%	0.013%
44	18.215	2602	2606	2611	rBV3	47362	62141	0.68%	0.060%
45	18.657	2678	2681	2683	rBV4	12425	15922	0.17%	0.015%
46	18.721	2690	2692	2697	rVB4	17971	23079	0.25%	0.022%
47	18.898	2718	2722	2729	rBV	68167	121958	1.33%	0.118%
48	19.080	2749	2753	2758	rBV5	55008	88171	0.96%	0.085%
49	19.151	2762	2765	2769	rVB	61646	79563	0.87%	0.077%
50	19.268	2778	2785	2791	rBV	6658233	9187784	100.00%	8.885%
51	19.345	2796	2798	2803	rVB5	28199	35545	0.39%	0.034%
52	19.815	2876	2878	2882	rBV5	38163	54064	0.59%	0.052%
53	19.851	2882	2884	2888	rVB2	52753	52371	0.57%	0.051%
54	20.351	2966	2969	2973	rVB	100050	106293	1.16%	0.103%
55	20.809	3043	3047	3057	rBV	1910075	2625399	28.57%	2.539%
56	21.074	3087	3092	3102	rBV	3348564	4535994	49.37%	4.387%
57	21.250	3119	3122	3128	rBV2	235382	302143	3.29%	0.292%
58	21.674	3191	3194	3203	rBV3	253314	473878	5.16%	0.458%
59	22.109	3266	3268	3274	rVB	262939	308519	3.36%	0.298%
60	22.227	3284	3288	3295	rVB	1585775	1979581	21.55%	1.914%
61	22.592	3347	3350	3354	rVB	311747	389330	4.24%	0.377%
62	23.068	3425	3431	3437	rBV	5268690	8992183	97.87%	8.696%
63	23.197	3448	3453	3465	rVB	2566445	4711820	51.28%	4.557%

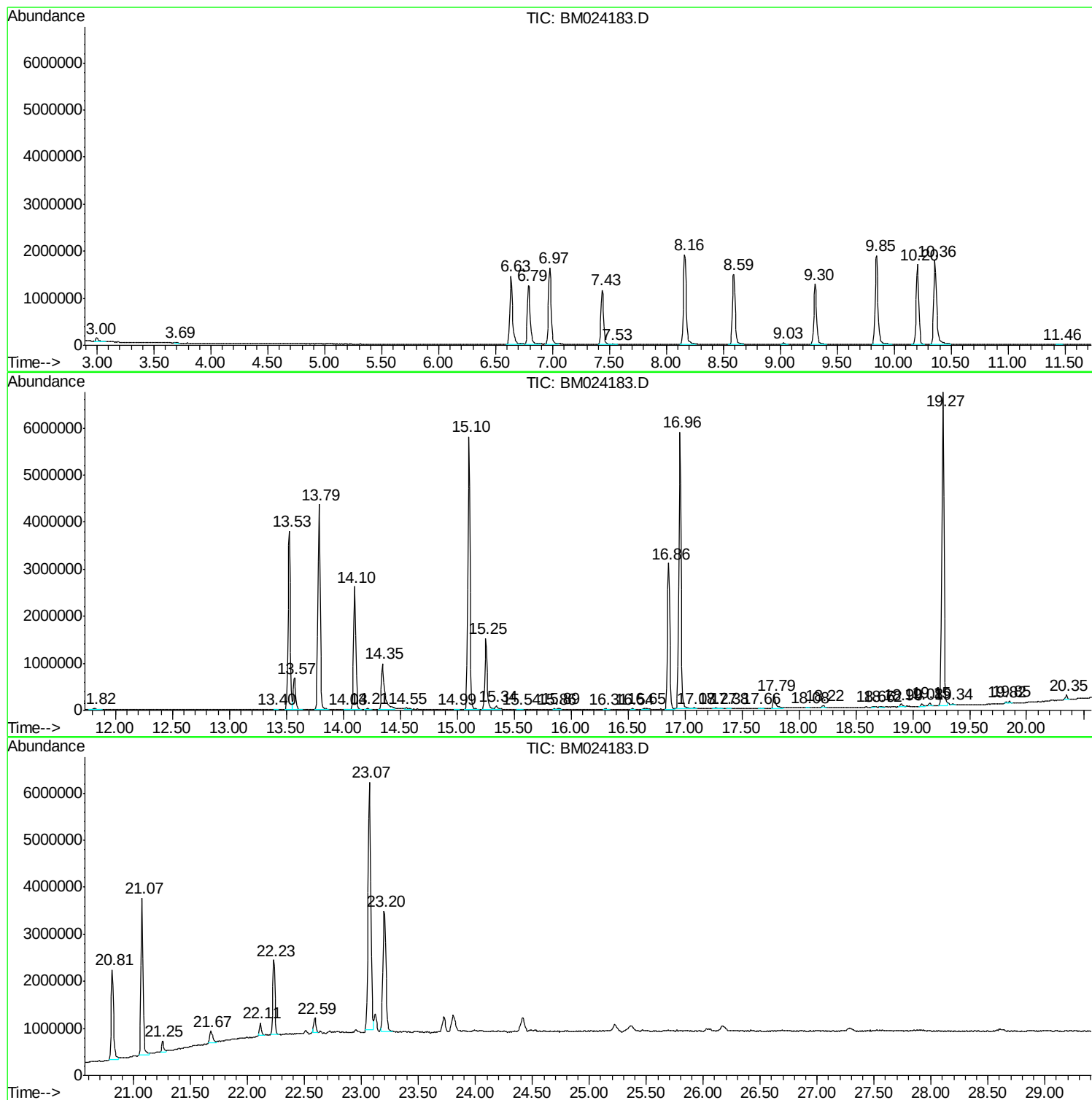
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TIC Library : C:\DATABASE\NIST11.L
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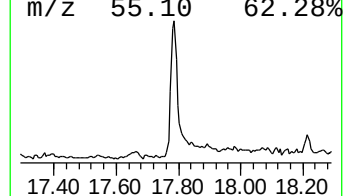
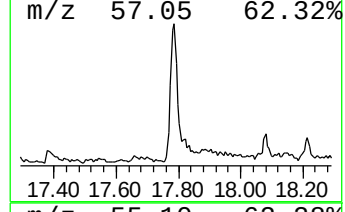
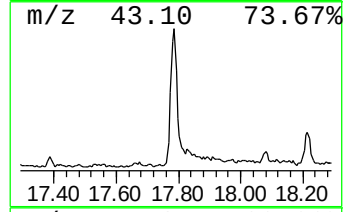
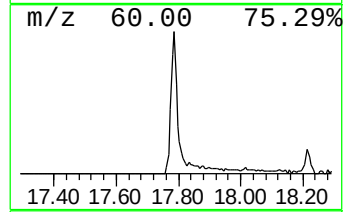
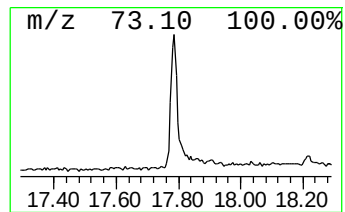
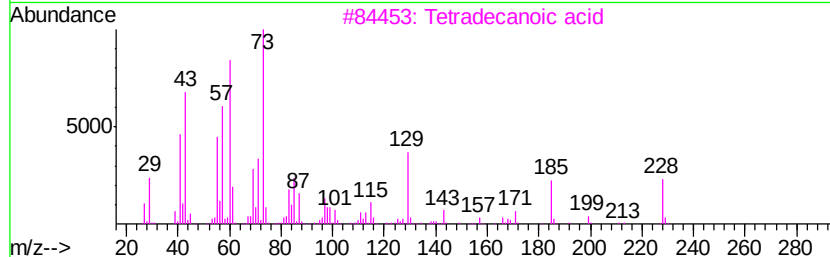
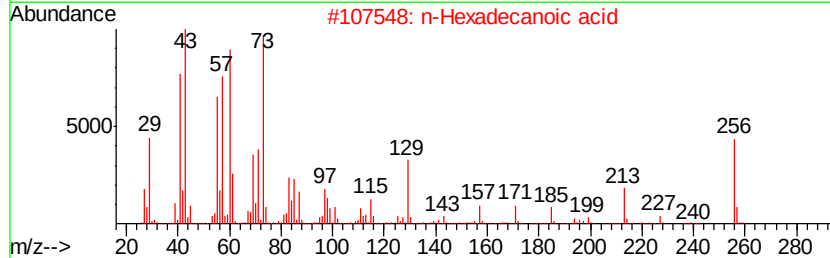
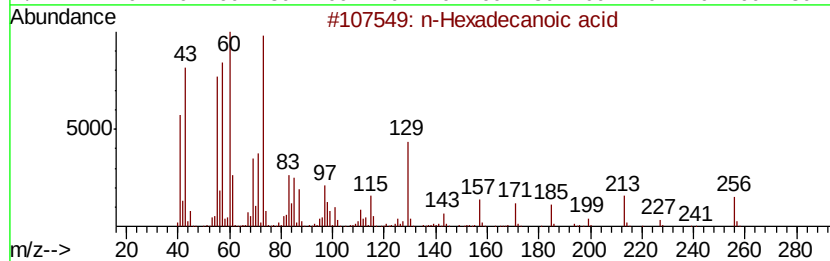
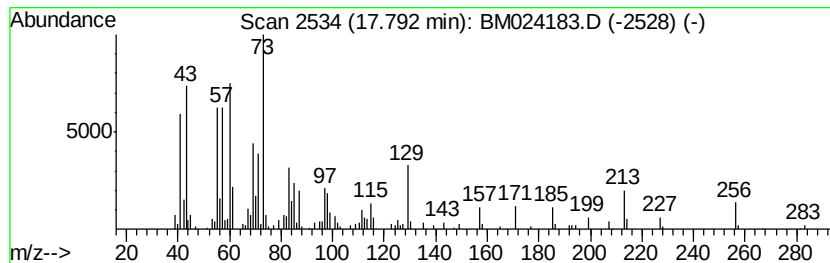
Instrument :
BNA_M
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM121719MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.		
17.79	2.33 ng/ul	504936	Phenanthrene-d10	16.86		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99	
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98	
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	94	
4	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	93	
5	Tridecanoic acid	214	C13H26O2	000638-53-9	93	



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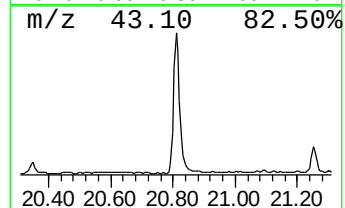
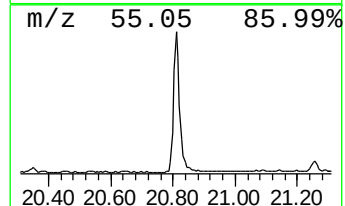
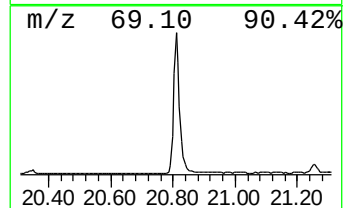
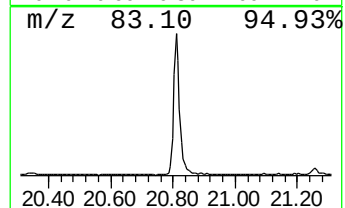
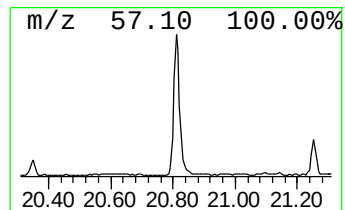
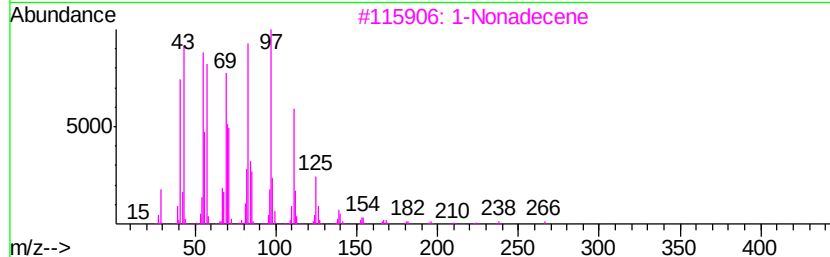
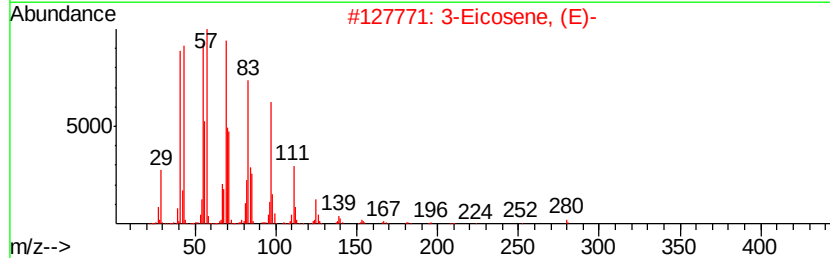
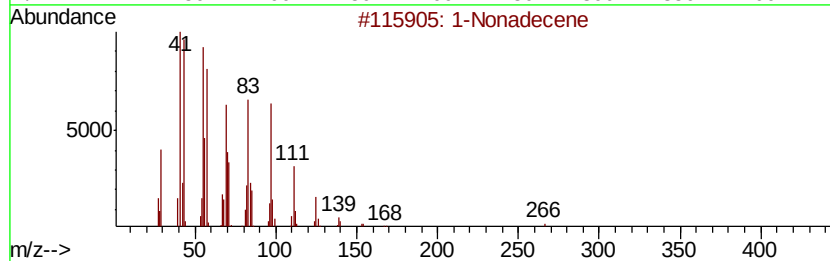
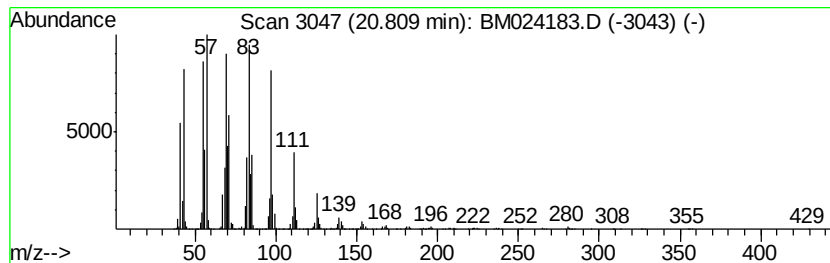
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Quant Title : SVOA CALIBRATION

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

Peak Number 2 (DEL) Alkane: Cyclic20.81 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.81	11.58 ng/ul	2625400	Chrysene-d12	21.07

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-Nonadecene	266	C19H38	018435-45-5	99
2		3-Eicosene, (E)-	280	C20H40	074685-33-9	99
3		1-Nonadecene	266	C19H38	018435-45-5	98
4		9-Eicosene, (E)-	280	C20H40	074685-29-3	95
5		1-Heneicosanol	312	C21H44O	015594-90-8	95



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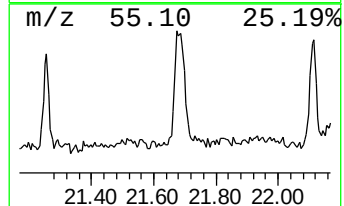
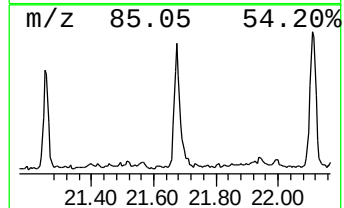
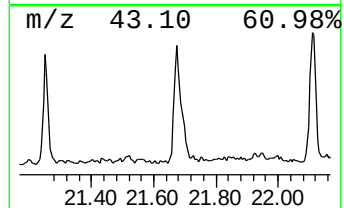
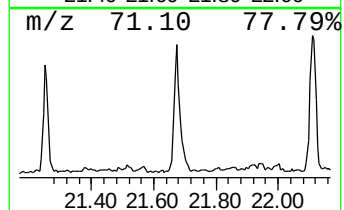
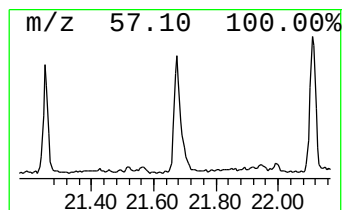
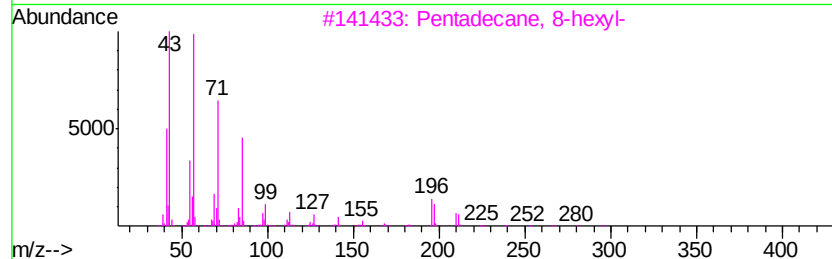
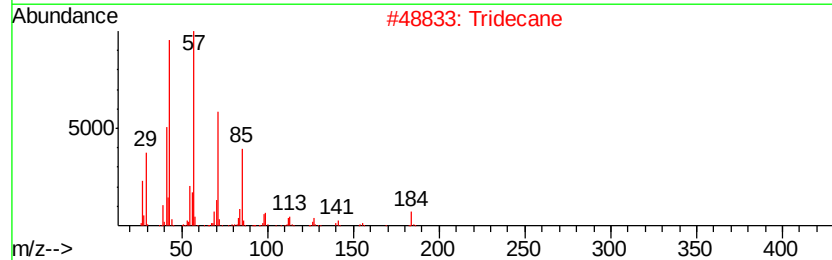
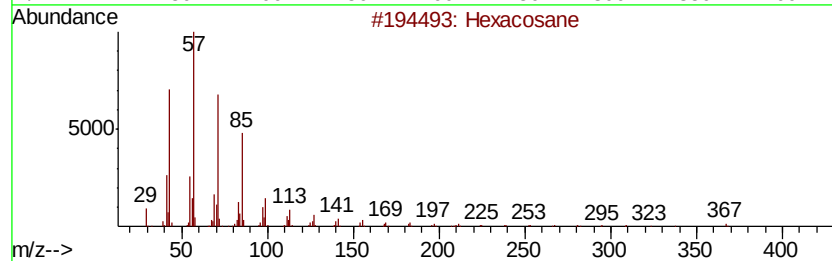
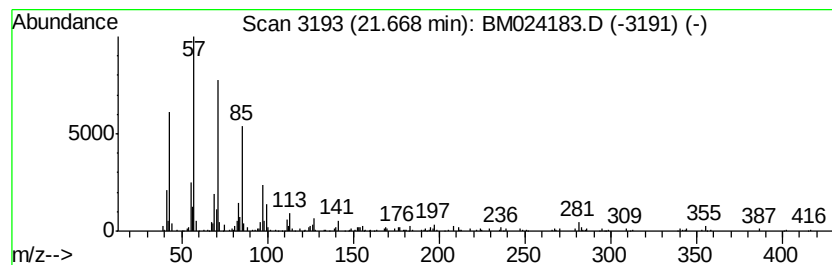
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.67	2.09 ng/ul	473878	Chrysene-d12	21.07

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexacosane	366	C26H54	000630-01-3	91
2		Tridecane	184	C13H28	000629-50-5	90
3		Pentadecane, 8-hexyl-	296	C21H44	013475-75-7	87
4		Tetradecane	198	C14H30	000629-59-4	86
5		Heneicosane	296	C21H44	000629-94-7	86



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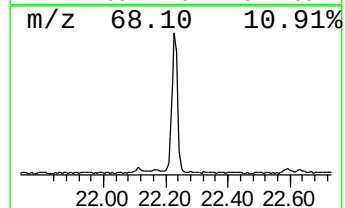
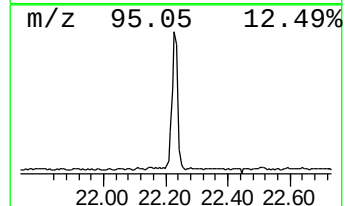
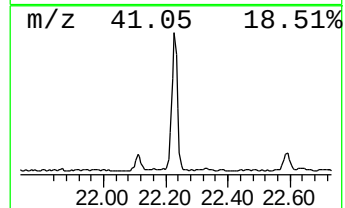
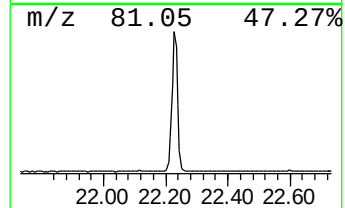
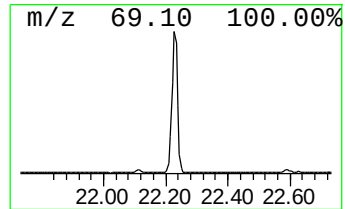
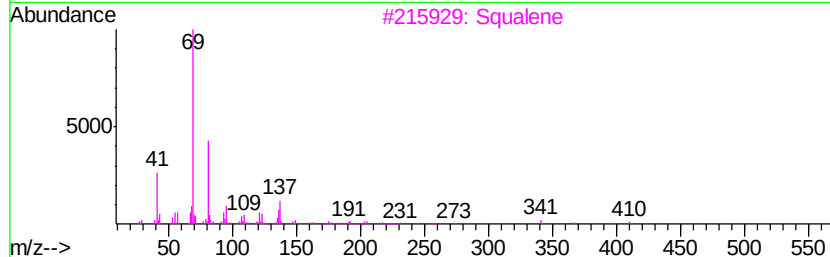
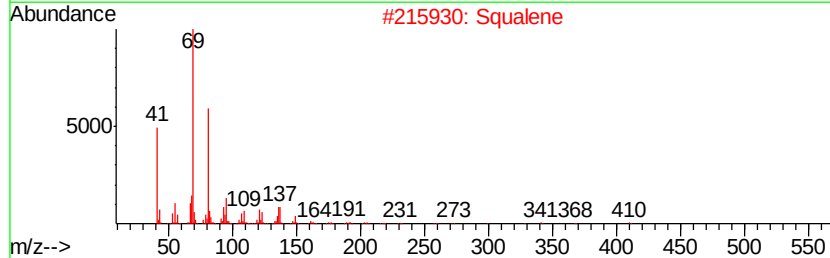
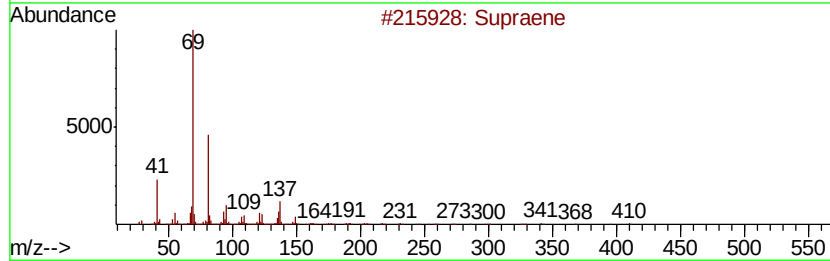
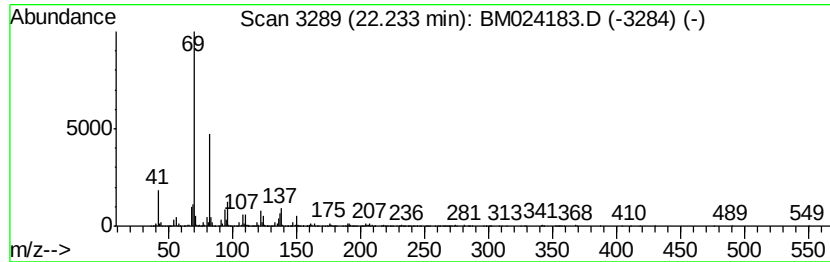
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Peak Number 4 Supraene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.23	8.40 ng/ul	1979580	Perylene-d12	23.20
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Supraene		410 C30H50	007683-64-9 91
2	Squalene		410 C30H50	000111-02-4 91
3	Squalene		410 C30H50	000111-02-4 91
4	.psi.,.psi.-Carotene, 7,7',8,8',...		547 C40H66	000502-62-5 83
5	1-(Phenylthio)-3,7,11-trimethyl-...		314 C21H30S	028413-57-2 83



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
n-Hexadecanoic acid	17.79	2.3	ng/ul	504936	4	16.86	4332560	20.0
(DEL) Alkane: Cyc...	20.81	11.6	ng/ul	2625400	5	21.07	4535990	20.0
(DEL) Alkane: Str...	21.67	2.1	ng/ul	473878	5	21.07	4535990	20.0
Supraene	22.23	8.4	ng/ul	1979580	6	23.20	4711820	20.0