

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM010920\
 Data File : BM024442.D
 Acq On : 10 Jan 2020 01:39
 Operator : JU
 Sample : K6466-05
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 H0BP2

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-BM010820MA.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	6.681	641	645	649	rBV	209365	308961	4.08%	0.460%
2	6.840	667	672	680	rVB	821228	1235319	16.32%	1.841%
3	7.034	699	705	714	rVB	905820	1373887	18.16%	2.047%
4	7.493	777	783	791	rVB	1119823	1678146	22.18%	2.501%
5	8.198	898	903	912	rVB	661657	986612	13.04%	1.470%
6	8.628	970	976	986	rVB	1132419	1771697	23.41%	2.640%
7	9.140	1060	1063	1068	rVB3	64791	94892	1.25%	0.141%
8	9.345	1092	1098	1105	rBV	693501	1095223	14.47%	1.632%
9	9.881	1183	1189	1203	rVB	1182713	1916760	25.33%	2.856%
10	10.251	1246	1252	1259	rVB	1415436	2280408	30.14%	3.398%
11	10.387	1271	1275	1281	rVB2	79136	129581	1.71%	0.193%
12	11.633	1483	1487	1493	rVB3	30087	43282	0.57%	0.064%
13	11.851	1522	1524	1532	rVB	28021	33606	0.44%	0.050%
14	13.557	1808	1814	1819	rVV	2549249	3402676	44.97%	5.070%
15	13.604	1819	1822	1827	rVB2	64356	91807	1.21%	0.137%
16	13.822	1852	1859	1868	rBV	2746402	3876571	51.23%	5.777%
17	14.133	1906	1912	1920	rVV2	1977050	2964141	39.17%	4.417%
18	14.192	1920	1922	1925	rVB4	7249	7949	0.11%	0.012%
19	14.339	1942	1947	1959	rVB	178667	326078	4.31%	0.486%
20	14.604	1989	1992	1995	rVB4	8500	11600	0.15%	0.017%
21	14.910	2040	2044	2049	rVB	12971	17859	0.24%	0.027%
22	14.992	2055	2058	2059	rBV3	8578	8223	0.11%	0.012%
23	15.139	2076	2083	2089	rBV	3401059	4822822	63.73%	7.187%
24	15.251	2096	2102	2111	rBV	819274	1117150	14.76%	1.665%
25	15.380	2120	2124	2132	rVB3	35443	50042	0.66%	0.075%
26	15.921	2212	2216	2222	rBV7	14078	23912	0.32%	0.036%
27	16.245	2268	2271	2274	rBV5	5194	9347	0.12%	0.014%
28	16.674	2338	2344	2347	rBV4	10777	15471	0.20%	0.023%
29	16.768	2355	2360	2364	rBV5	4926	8324	0.11%	0.012%
30	16.886	2374	2380	2387	rBV	2568099	3442471	45.49%	5.130%
31	16.986	2387	2397	2406	rBV	4174059	5745139	75.92%	8.561%
32	17.133	2421	2422	2429	rVB5	5847	7934	0.10%	0.012%
33	17.204	2429	2434	2440	rBV6	10325	17903	0.24%	0.027%
34	17.733	2521	2524	2529	rVB6	5272	8817	0.12%	0.013%

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35	17.827	2532	2540	2547	rBV3	135654	205382	2.71%	0.306%
36	17.886	2549	2550	2553	rVB3	12838	10618	0.14%	0.016%
37	18.110	2583	2588	2590	rVV5	12754	20178	0.27%	0.030%
38	18.133	2590	2592	2597	rVB4	11863	17192	0.23%	0.026%
39	18.262	2610	2614	2620	rBV7	16803	25751	0.34%	0.038%
40	18.680	2682	2685	2691	rBV5	14901	20338	0.27%	0.030%
41	18.780	2698	2702	2706	rVB4	12378	21113	0.28%	0.031%
42	18.880	2716	2719	2722	rBV5	4266	8189	0.11%	0.012%
43	18.921	2722	2726	2731	rVV3	50278	71841	0.95%	0.107%
44	18.974	2731	2735	2738	rVV4	11682	15643	0.21%	0.023%
45	19.004	2738	2740	2742	rBV2	10287	9067	0.12%	0.014%
46	19.121	2756	2760	2765	rBV5	60037	75732	1.00%	0.113%
47	19.168	2765	2768	2773	rVV	47449	65460	0.87%	0.098%
48	19.286	2782	2788	2796	rVV	5514949	7160020	94.62%	10.669%
49	19.362	2798	2801	2804	rVV5	26547	37155	0.49%	0.055%
50	19.392	2804	2806	2810	rVV3	19640	27182	0.36%	0.041%
51	19.451	2813	2816	2819	rVB5	8036	12398	0.16%	0.018%
52	19.856	2883	2885	2887	rBV2	10713	10702	0.14%	0.016%
53	19.904	2890	2893	2898	rVV2	43480	50103	0.66%	0.075%
54	20.404	2975	2978	2981	rBV	89607	84286	1.11%	0.126%
55	20.851	3051	3054	3060	rBV2	252578	474590	6.27%	0.707%
56	21.092	3090	3095	3103	rBV	3338790	4034396	53.31%	6.012%
57	21.303	3128	3131	3135	rBV	254580	277780	3.67%	0.414%
58	21.727	3200	3203	3209	rBV	320037	378176	5.00%	0.564%
59	22.174	3275	3279	3284	rVB	386547	481976	6.37%	0.718%
60	22.662	3358	3362	3372	rVB	457907	660550	8.73%	0.984%
61	23.092	3428	3435	3444	rVB	4567090	7567158	100.00%	11.276%
62	23.221	3449	3457	3469	rVB	2618222	5129044	67.78%	7.643%
63	23.815	3553	3558	3565	rVB	381362	660562	8.73%	0.984%
64	24.521	3673	3678	3686	rVB2	279236	570756	7.54%	0.851%

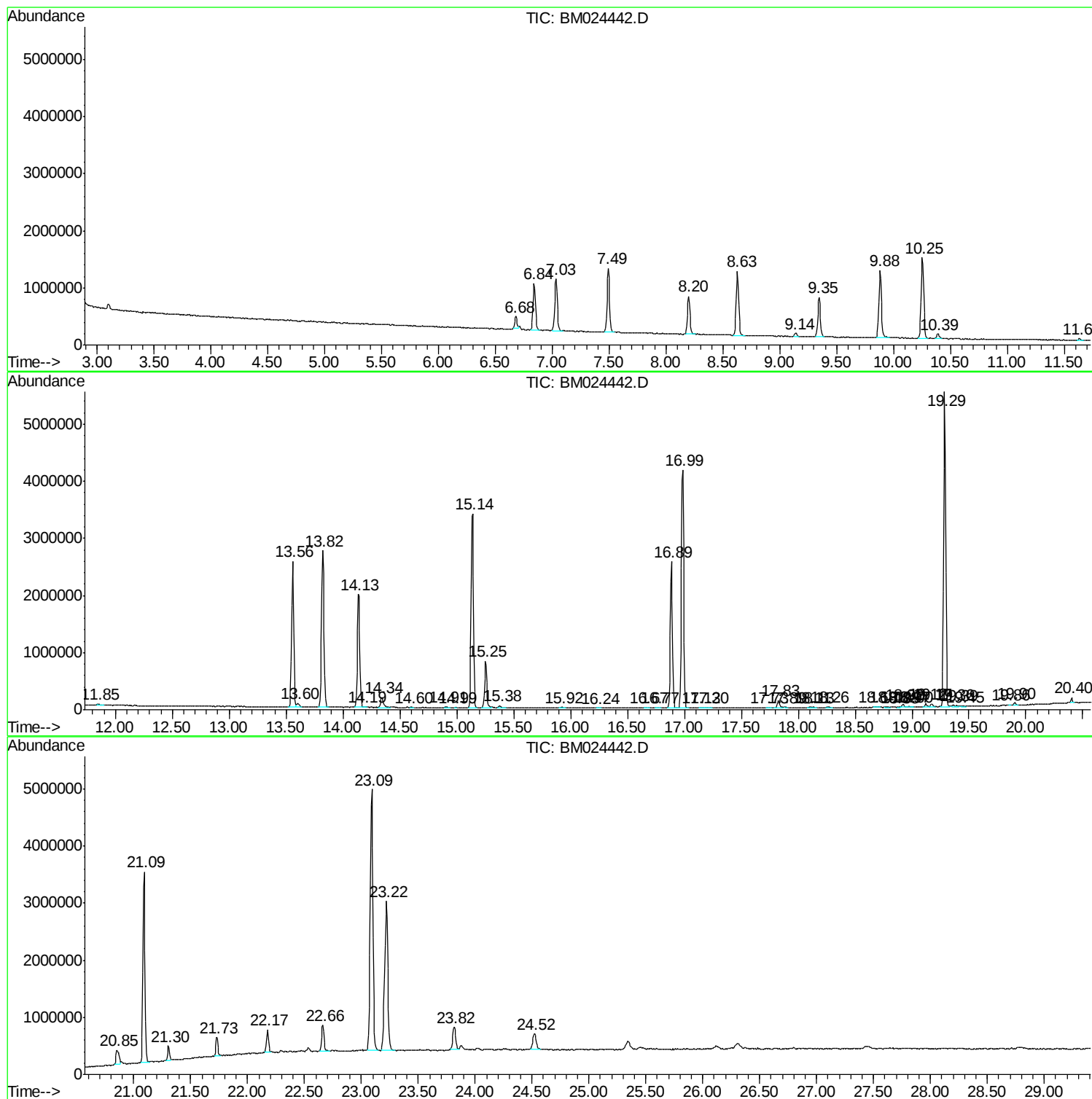
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Quant Title : SVOA CALIBRATION

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



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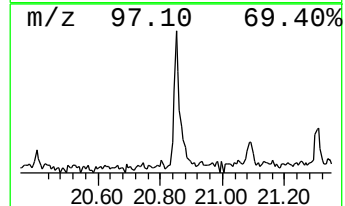
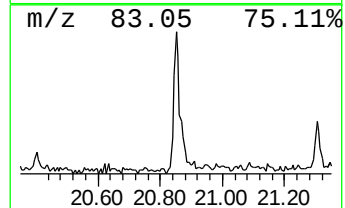
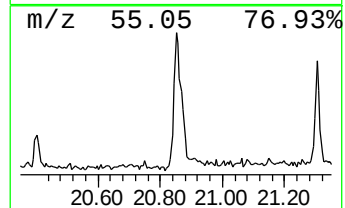
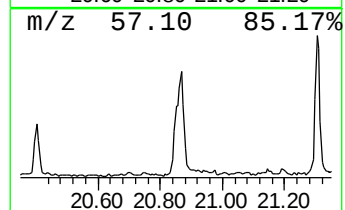
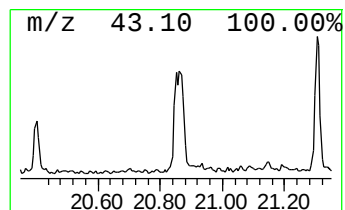
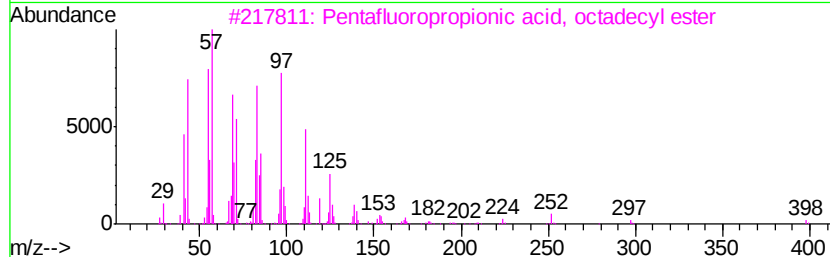
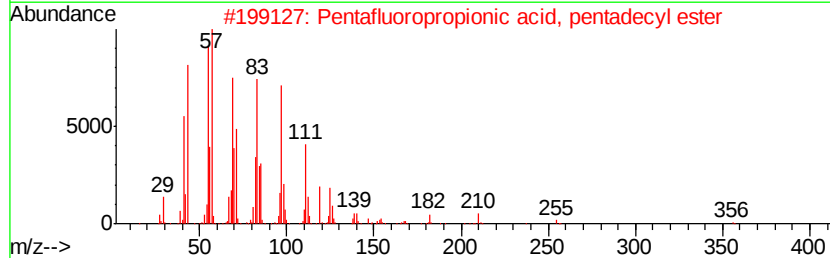
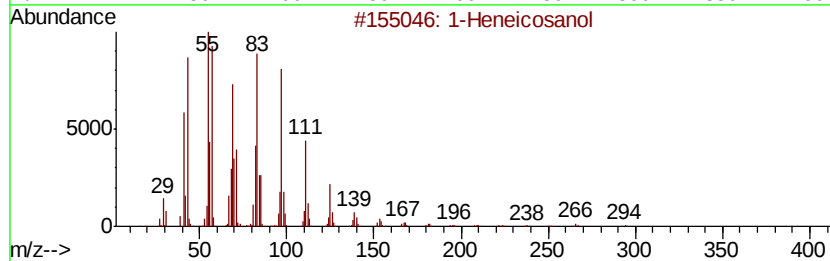
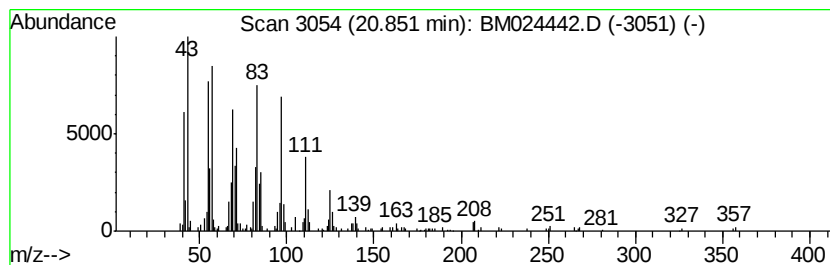
Instrument :
BNA_M
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM010820MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 1-Heneicosanol Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.85	2.35 ng/ul	474590	Chrysene-d12	21.09
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	1-Heneicosanol	312 C21H44O	015594-90-8	95
2	Pentafluoropropionic acid, penta...	374 C18H31F5O2	959092-08-1	94
3	Pentafluoropropionic acid, octad...	416 C21H37F5O2	959261-25-7	94
4	1-Heptacosanol	396 C27H56O	002004-39-9	94
5	Behenic alcohol	326 C22H46O	000661-19-8	94



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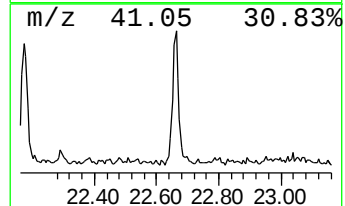
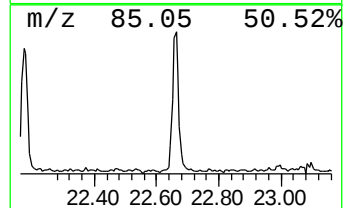
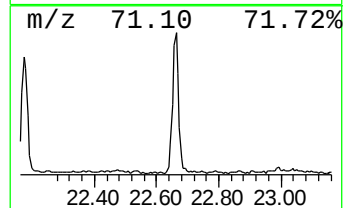
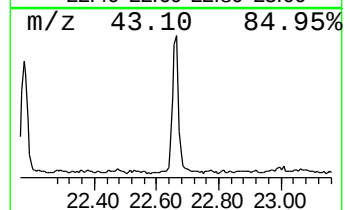
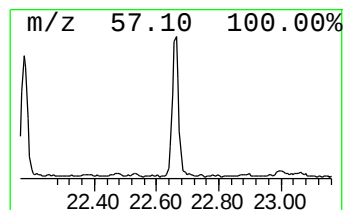
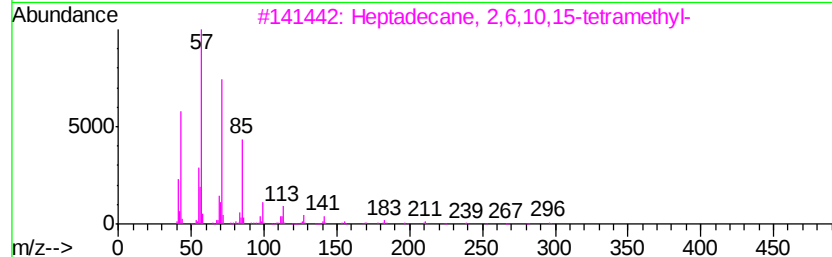
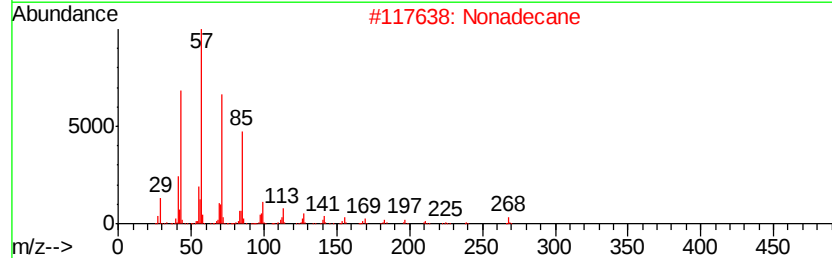
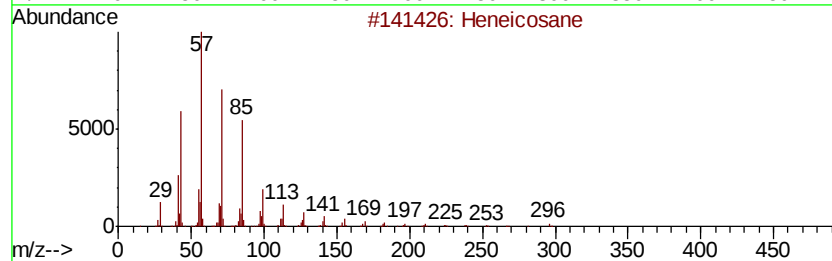
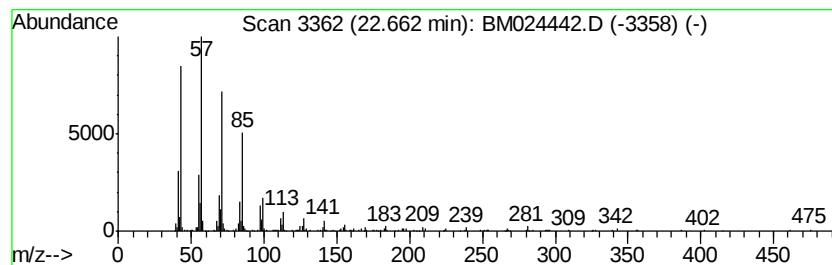
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Quant Title : SVOA CALIBRATION

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

Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.66	2.58 ng/ul	660550	Perylene-d12	23.22

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heneicosane	296	C21H44	000629-94-7	98
2		Nonadecane	268	C19H40	000629-92-5	93
3		Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	92
4		2-methyloctacosane	408	C29H60	1000376-72-8	90
5		Octacosane	394	C28H58	000630-02-4	90



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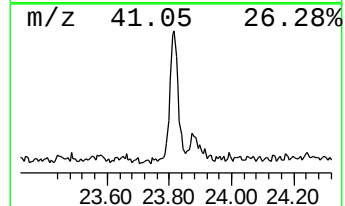
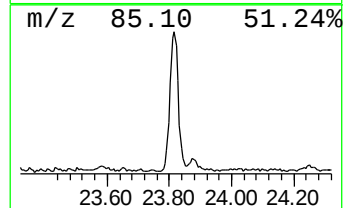
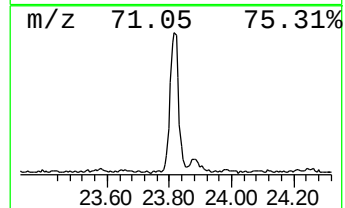
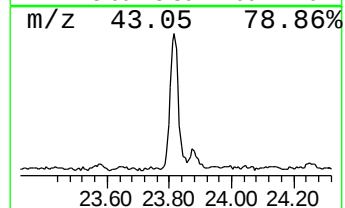
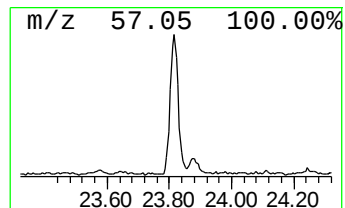
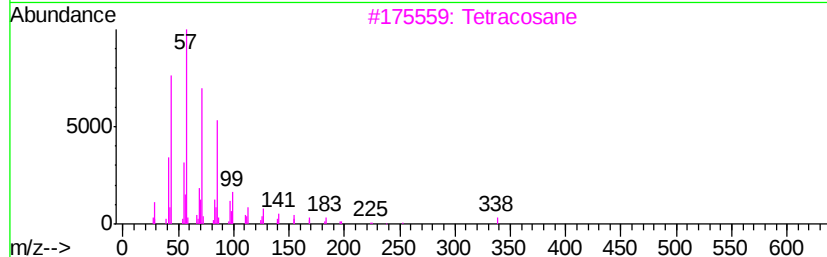
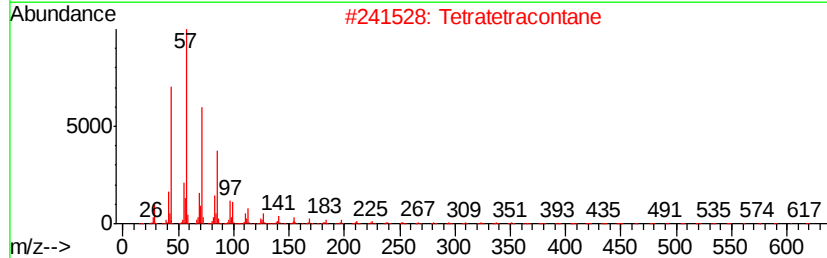
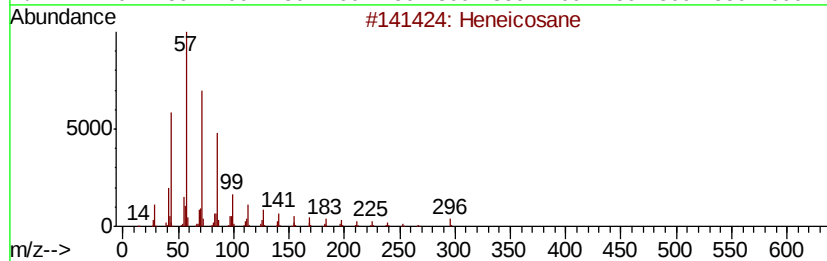
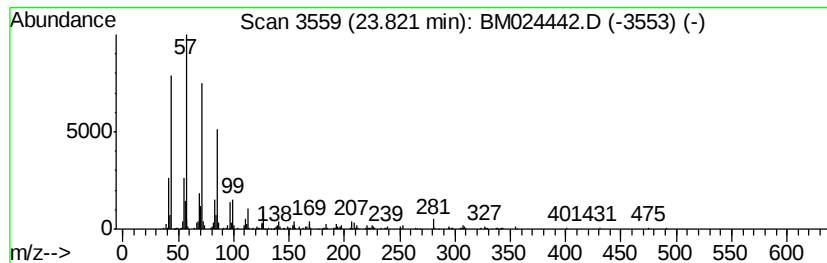
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.82	2.58 ng/ul	660562	Perylene-d12	23.22

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heneicosane	296	C21H44	000629-94-7	92
2		Tetratetracontane	619	C44H90	007098-22-8	90
3		Tetracosane	338	C24H50	000646-31-1	90
4		Heptacosane	380	C27H56	000593-49-7	90
5		Tetracosane	338	C24H50	000646-31-1	90



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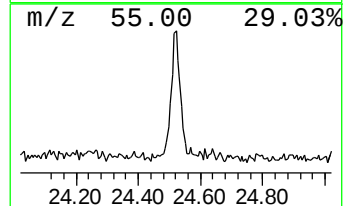
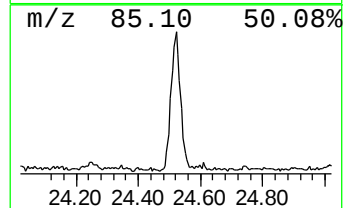
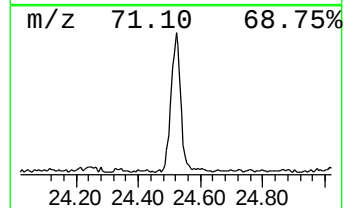
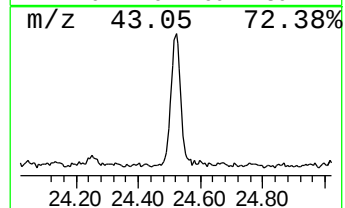
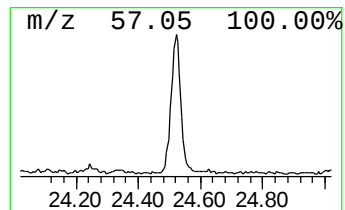
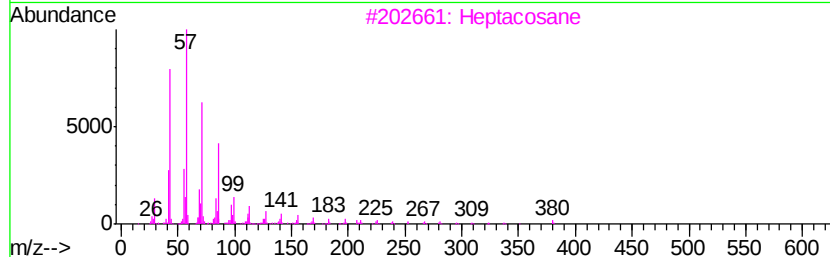
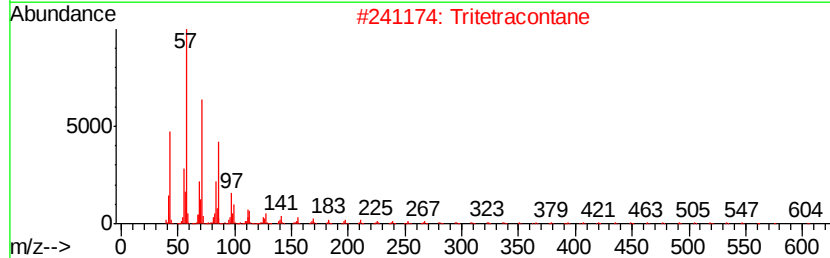
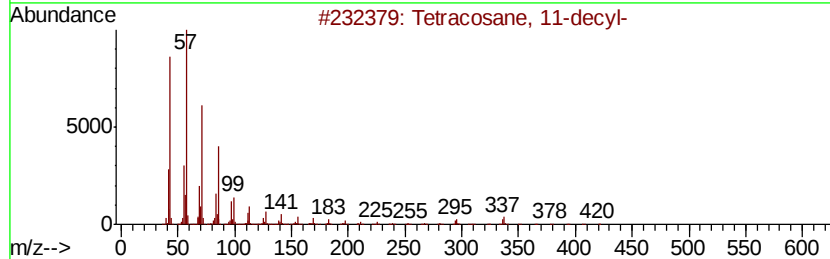
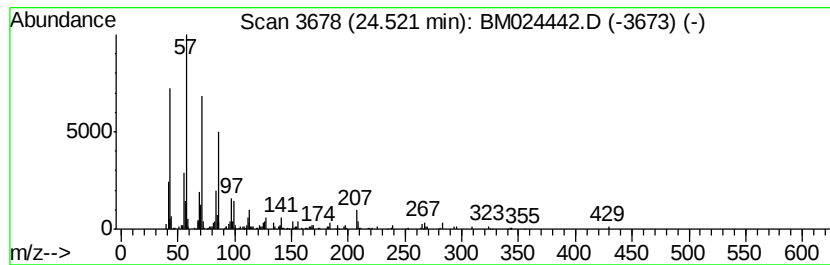
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.52	2.23 ng/ul	570756	Perylene-d12	23.22

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tetracosane, 11-decyl-	479	C34H70	055429-84-0	90
2		Tritetracontane	605	C43H88	007098-21-7	90
3		Heptacosane	380	C27H56	000593-49-7	87
4		Octacosane	394	C28H58	000630-02-4	87
5		Heneicosane, 11-decyl-	437	C31H64	055320-06-4	87



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
1-Heneicosanol	20.85	2.4	ng/ul	474590	5	21.09	4034400	20.0
(DEL) Alkane: Str...	22.66	2.6	ng/ul	660550	6	23.22	5129040	20.0
(DEL) Alkane: Str...	23.82	2.6	ng/ul	660562	6	23.22	5129040	20.0
(DEL) Alkane: Str...	24.52	2.2	ng/ul	570756	6	23.22	5129040	20.0