

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM050219\
 Data File : BM020104.D
 Acq On : 02 May 2019 11:27
 Operator : JU/SJ
 Sample : K2551-12
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PT-BNA-SOIL

Integration Parameters: rteint.p

Integrator: RTE

Smoothing : ON

Sampling : 1

Start Thrs: 0.2

Stop Thrs : 0

Filtering: 5

Min Area: 3 % 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\8270-BM043019.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.363	398	404	412	rBV	2147648	3024120	11.11%	1.044%
2	6.951	666	674	686	rBV	2178299	3472753	12.76%	1.199%
3	7.222	714	720	729	rBV	1249878	1796688	6.60%	0.620%
4	7.316	729	736	748	rVB	2237508	3585007	13.17%	1.238%
5	7.675	789	797	804	rBV	2251079	3395430	12.47%	1.173%
6	7.828	817	823	834	rVB	6081063	9492716	34.87%	3.278%
7	8.139	863	876	886	rBV2	6151451	12229043	44.92%	4.223%
8	8.598	946	954	964	rBV	1589899	2436824	8.95%	0.842%
9	8.857	991	998	1007	rVB	2185319	3563075	13.09%	1.230%
10	8.957	1007	1015	1018	rBV	1255780	2219854	8.15%	0.767%
11	9.010	1018	1024	1038	rVB	4512180	7578864	27.84%	2.617%
12	9.522	1100	1111	1120	rBV	5076435	8317158	30.55%	2.872%
13	9.704	1134	1142	1150	rBV	1435388	2246637	8.25%	0.776%
14	9.998	1185	1192	1206	rBV	1627729	2510440	9.22%	0.867%
15	10.445	1258	1268	1280	rVB	6201145	9767488	35.88%	3.373%
16	10.586	1285	1292	1295	rVV	433646	768935	2.82%	0.266%
17	10.633	1295	1300	1308	rVB	2770513	4492703	16.50%	1.552%
18	11.857	1500	1508	1516	rBV	3022420	4697380	17.26%	1.622%
19	12.922	1681	1689	1700	rBV	3596767	5362970	19.70%	1.852%
20	13.051	1704	1711	1718	rVB	3836127	5395666	19.82%	1.863%
21	13.310	1747	1755	1763	rVB	5641945	8611745	31.64%	2.974%
22	13.898	1847	1855	1861	rBV	9041362	12990774	47.72%	4.486%
23	14.021	1870	1876	1882	rBV	3010470	3926039	14.42%	1.356%
24	14.433	1939	1946	1951	rBV2	645958	1002246	3.68%	0.346%
25	14.498	1951	1957	1963	rVB	3769644	5456386	20.04%	1.884%
26	14.810	2002	2010	2021	rBV2	4861430	9994925	36.72%	3.452%
27	15.480	2117	2124	2136	rVB	15863946	20964529	77.02%	7.240%
28	15.921	2192	2199	2211	rBV	3166168	4426598	16.26%	1.529%
29	16.368	2269	2275	2283	rVB	6530357	8960593	32.92%	3.095%
30	16.468	2286	2292	2299	rBV	2812361	3995113	14.68%	1.380%
31	17.174	2406	2412	2415	rBV	886277	1289791	4.74%	0.445%
32	17.221	2415	2420	2430	rVB	6465534	8849147	32.51%	3.056%
33	19.803	2853	2859	2864	rBV	8076212	9425180	34.62%	3.255%
34	20.503	2972	2978	2983	rBV	14256083	16491759	60.58%	5.695%

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Integration Parameters: rteint.p
 Integrator: RTE
 Smoothing : ON Filtering: 5
 Sampling : 1 Min Area: 3 % of largest Peak
 Start Thrs: 0.2 Max Peaks: 100
 Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
 Peak separation: 5

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35	21.062	3069	3073	3080	rBV	599298	717444	2.64%	0.248%
36	21.274	3104	3109	3114	rBV	24143708	27221103	100.00%	9.401%
37	21.350	3116	3122	3133	rVB	11443948	15135334	55.60%	5.227%
38	21.944	3219	3223	3230	rBV3	217828	347676	1.28%	0.120%
39	22.162	3255	3260	3271	rBV	3585716	4601097	16.90%	1.589%
40	22.939	3387	3392	3397	rBV	503517	731620	2.69%	0.253%
41	23.556	3486	3497	3506	rBV	4730539	9466711	34.78%	3.269%
42	23.650	3506	3513	3523	rVB	838844	1600455	5.88%	0.553%
43	24.185	3598	3604	3612	rVB2	513606	985637	3.62%	0.340%
44	24.274	3614	3619	3629	rVB3	239338	491552	1.81%	0.170%
45	26.003	3901	3913	3927	rBV	3904281	10980754	40.34%	3.792%
46	26.691	4019	4030	4040	rBV	1519402	4546991	16.70%	1.570%

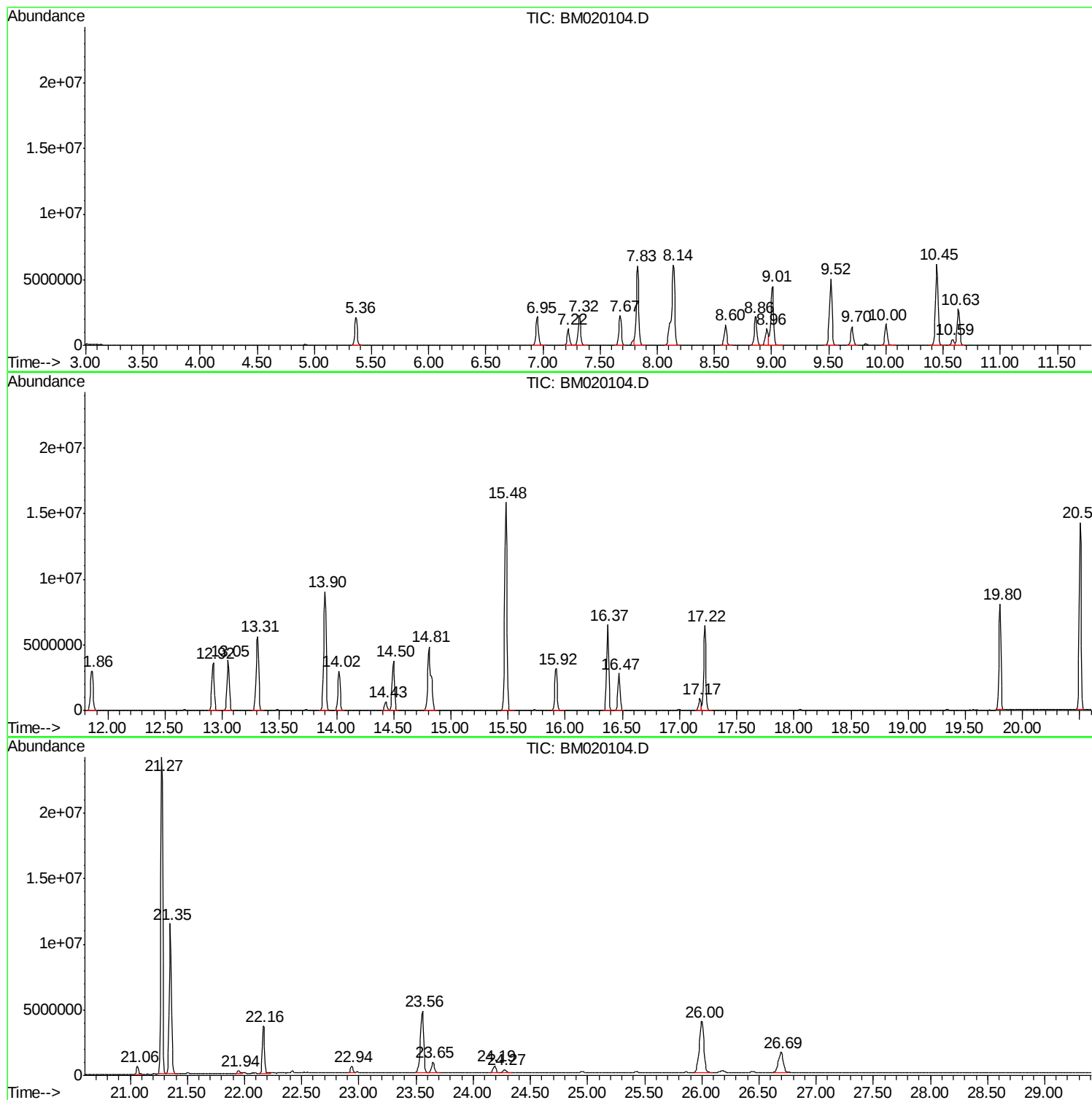
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM043019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P



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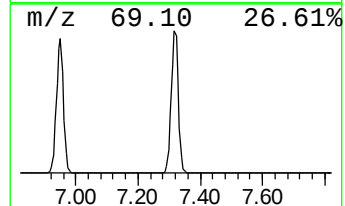
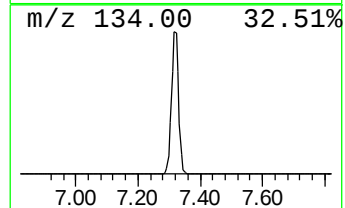
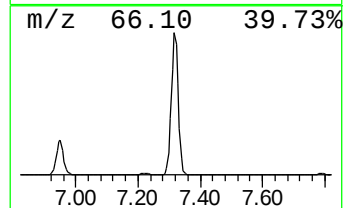
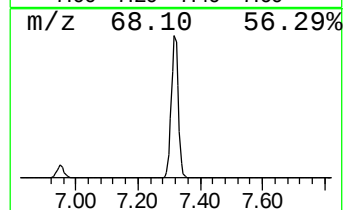
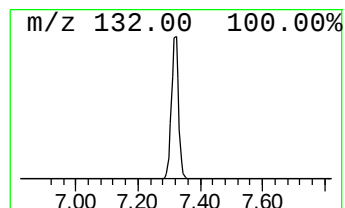
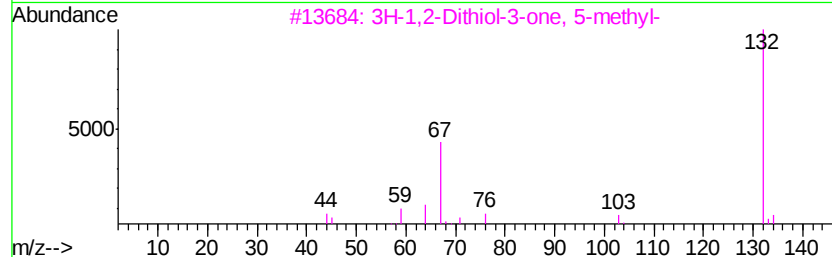
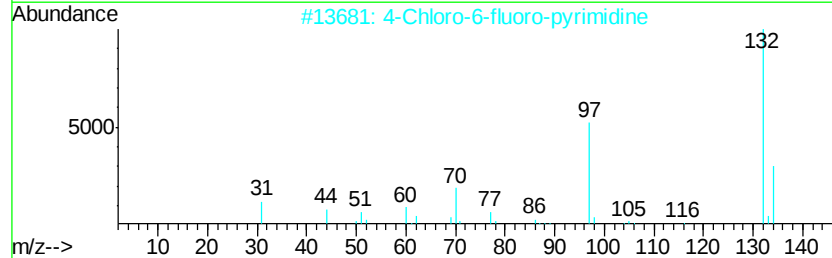
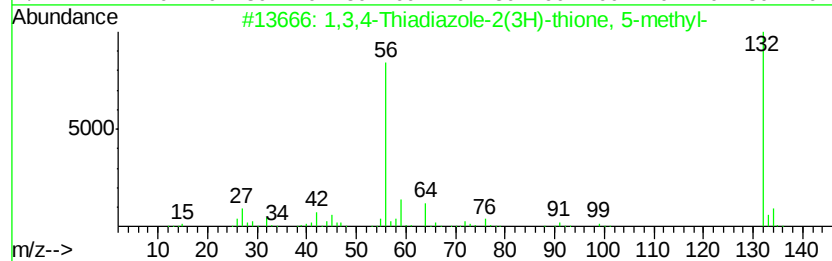
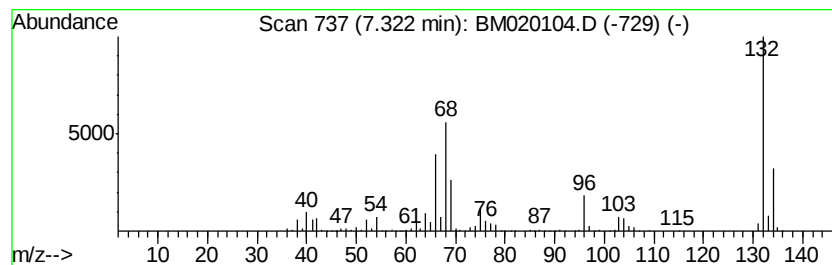
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 unknown7.32 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.32	7.55 ng	3585010	1,4-Dichlorobenzene-d4	7.79

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1,3,4-Thiadiazole-2(3H)-thione, ...	132	C3H4N2S2	029490-19-5	14
2			4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	14
3			3H-1,2-Dithiol-3-one, 5-methyl-	132	C4H4OS2	003620-08-4	10
4			1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	9
5			Benzene, 1,3,5-trifluoro-	132	C6H3F3	000372-38-3	9



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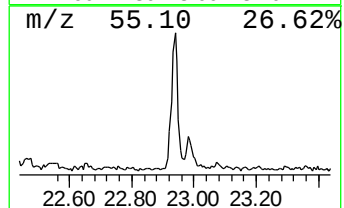
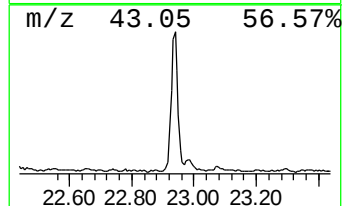
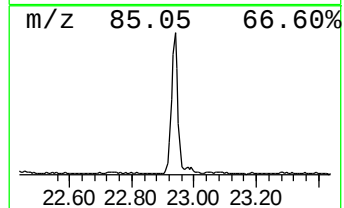
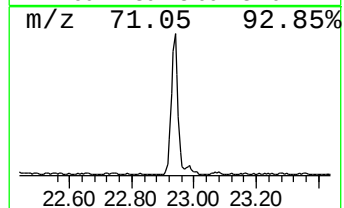
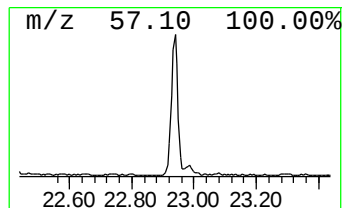
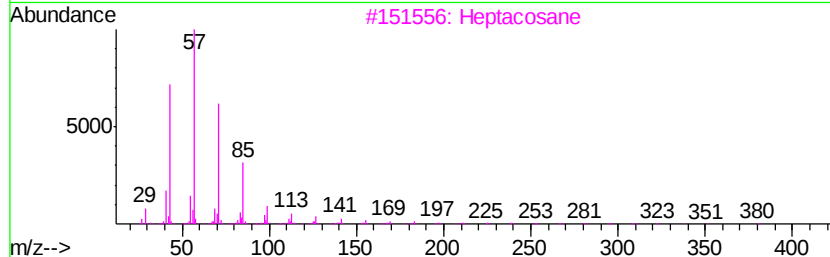
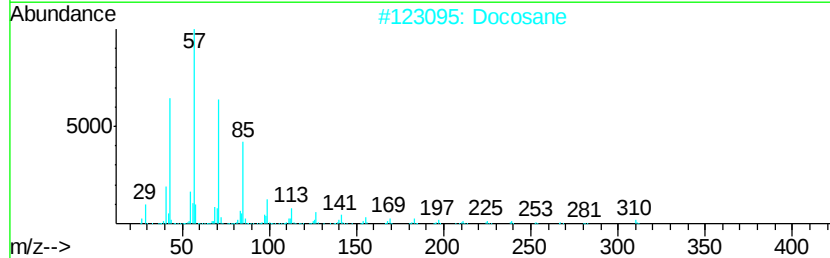
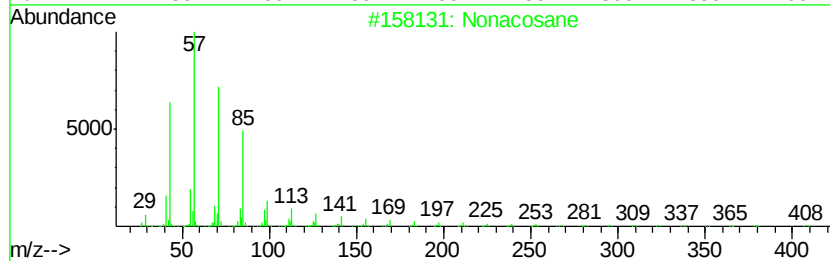
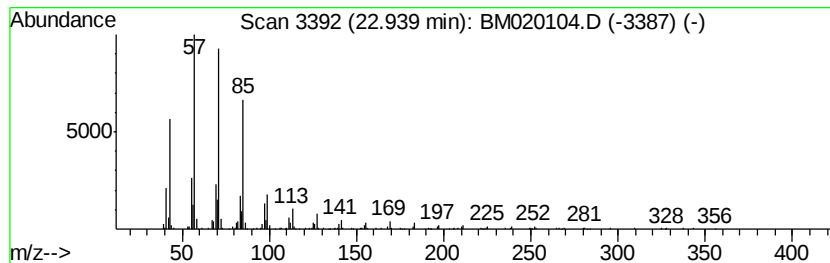
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 Nonacosane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.94	9.14 ng	731620	Perylene-d12	23.65

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Nonacosane	408	C29H60	000630-03-5	91
2		Docosane	310	C22H46	000629-97-0	87
3		Heptacosane	380	C27H56	000593-49-7	87
4		Octadecane	254	C18H38	000593-45-3	87
5		Octacosane	394	C28H58	000630-02-4	87



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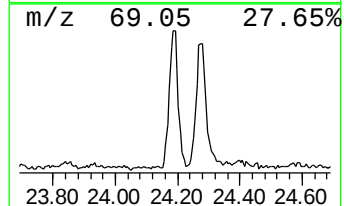
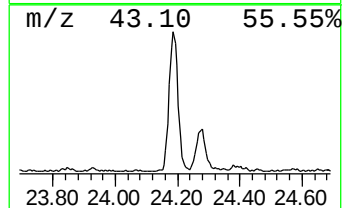
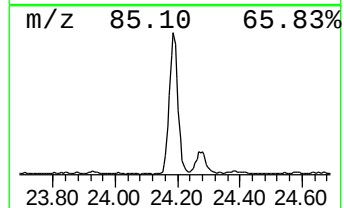
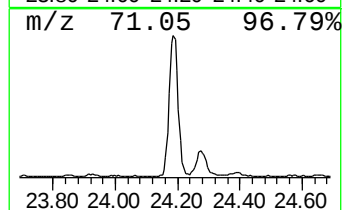
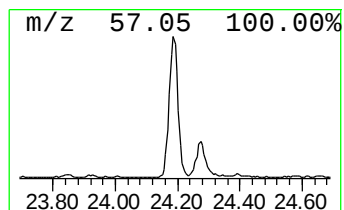
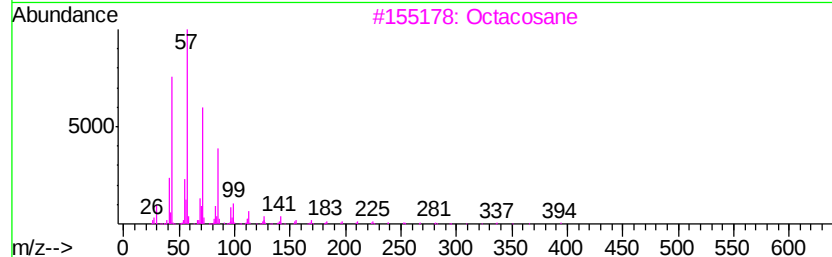
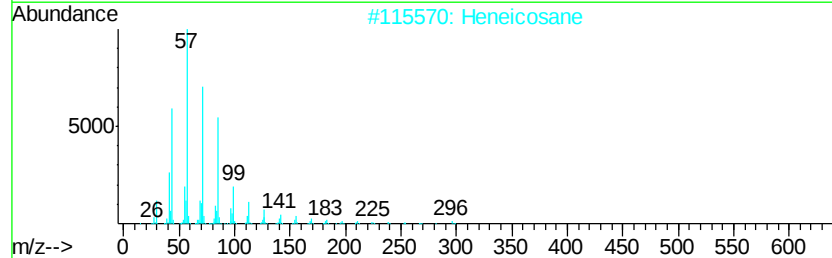
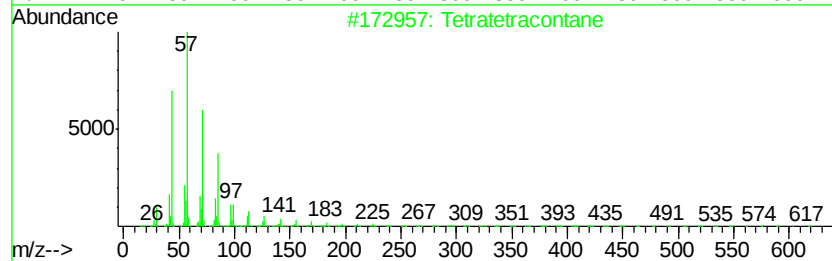
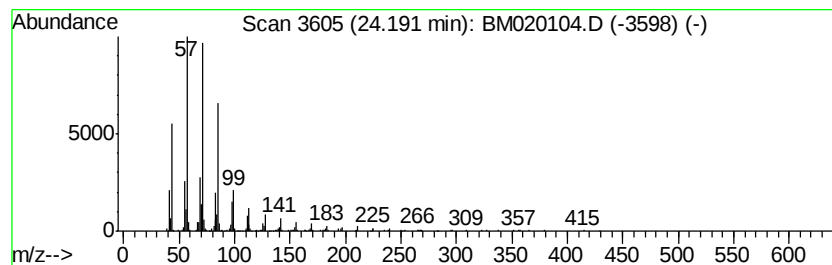
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Tetratetracontane Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.19	12.32 ng	985637	Perylene-d12	23.65

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tetratetracontane	619	C44H90	007098-22-8	87
2		Heneicosane	296	C21H44	000629-94-7	87
3		Octacosane	394	C28H58	000630-02-4	87
4		Triacontane	422	C30H62	000638-68-6	80
5		Tetratriacontane	479	C34H70	014167-59-0	76



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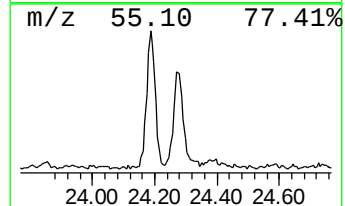
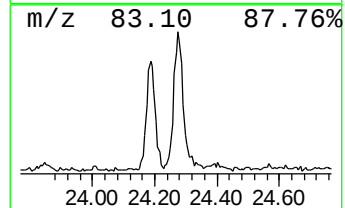
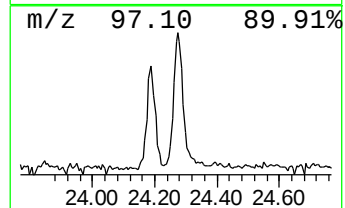
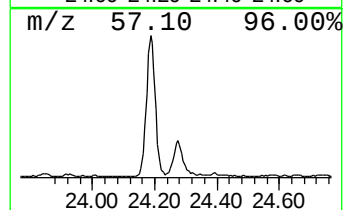
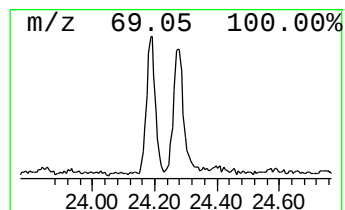
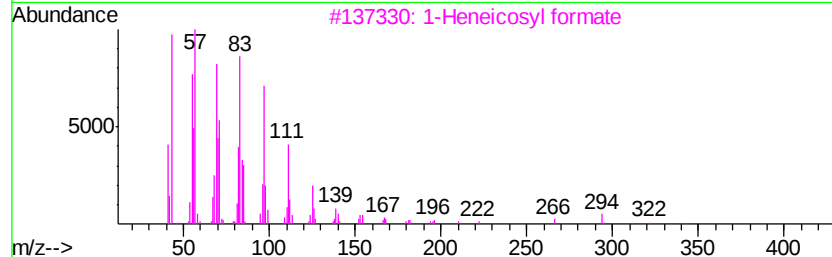
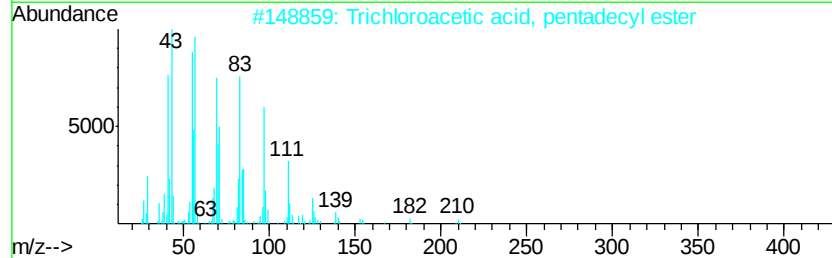
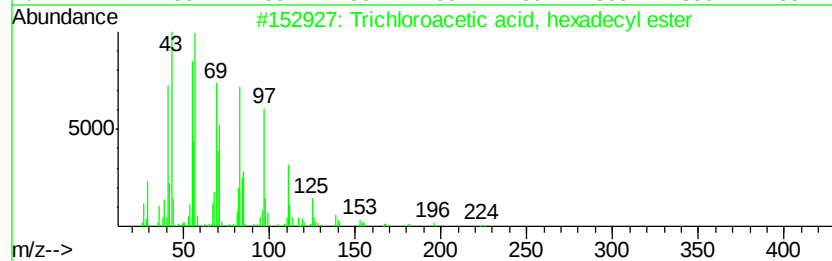
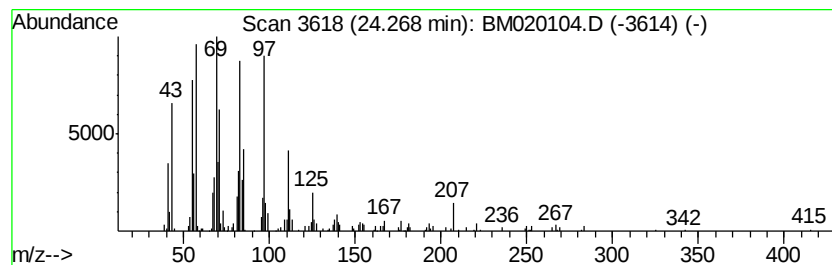
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TIC Library : C:\DATABASE\NIST02.L
 TIC Integration Parameters: LSCINT.P

 Peak Number 4 Trichloroacetic acid, hexad... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.27	6.14 ng	491552	Perylene-d12	23.65

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	91
2		Trichloroacetic acid, pentadecyl...	372	C17H31Cl3O2	074339-53-0	91
3		1-Heneicosyl formate	340	C22H44O2	077899-03-7	90
4		Heptafluorobutyric acid, n-octad...	466	C22H37F7O2	000400-57-7	90
5		Heptafluorobutanoic acid, heptad...	452	C21H35F7O2	1000282-97-3	90



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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
unknown7.32	7.32	7.5	ng	3585010	1	7.79	9492720	20.0
Nonacosane	22.94	9.1	ng	731620	6	23.65	1600460	20.0
Tetratetracontane	24.19	12.3	ng	985637	6	23.65	1600460	20.0
Trichloroacetic a...	24.27	6.1	ng	491552	6	23.65	1600460	20.0