

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM040616\
 Data File : BM004905.D
 Acq On : 06 Apr 2016 15:13
 Operator : UM/SJ
 Sample : H1940-02
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 D9SE8

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\SOM02.2-EPA-BM040116.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	2.987	46	51	60	rVB	24640	41443	2.65%	0.170%
2	6.969	722	728	740	rBB2	204608	448693	28.66%	1.841%
3	7.151	754	759	768	rBB	95052	146349	9.35%	0.600%
4	7.351	788	793	804	rBB	115480	198213	12.66%	0.813%
5	7.822	867	873	881	rBB	145135	224861	14.36%	0.922%
6	8.516	986	991	1000	rBV	150295	236266	15.09%	0.969%
7	8.975	1063	1069	1081	rBB	112014	182185	11.63%	0.747%
8	9.698	1186	1192	1194	rBV	89293	150761	9.63%	0.618%
9	9.728	1194	1197	1205	rVB	128718	200152	12.78%	0.821%
10	10.228	1277	1282	1296	rBB	149431	241607	15.43%	0.991%
11	10.610	1338	1347	1352	rBV	219428	366095	23.38%	1.502%
12	10.663	1352	1356	1364	rVB	61455	100138	6.40%	0.411%
13	10.745	1364	1370	1380	rBV	58833	103140	6.59%	0.423%
14	10.939	1397	1403	1409	rBB	99122	161038	10.28%	0.661%
15	11.892	1560	1565	1576	rBB	65582	103250	6.59%	0.424%
16	12.492	1661	1667	1675	rVB	165044	255999	16.35%	1.050%
17	12.639	1687	1692	1698	rVB	58246	87160	5.57%	0.358%
18	12.880	1728	1733	1741	rVB	122286	175274	11.19%	0.719%
19	13.286	1796	1802	1809	rBV	344170	505190	32.26%	2.072%
20	13.863	1894	1900	1904	rBV	337899	470741	30.06%	1.931%
21	13.910	1904	1908	1916	rVB	403393	545412	34.83%	2.237%
22	14.033	1924	1929	1934	rVB	124644	161629	10.32%	0.663%
23	14.151	1942	1949	1962	rVB	404483	608389	38.85%	2.496%
24	14.351	1977	1983	1988	rVB	15573	18412	1.18%	0.076%
25	14.457	1992	2001	2009	rBV2	343577	522953	33.40%	2.145%
26	14.663	2028	2036	2052	rVB2	335774	620665	39.64%	2.546%
27	14.857	2063	2069	2075	rBV	154612	222123	14.19%	0.911%
28	15.304	2140	2145	2150	rVB	34215	41911	2.68%	0.172%
29	15.451	2164	2170	2176	rBV	601342	865862	55.30%	3.552%
30	15.574	2184	2191	2202	rVB2	173704	313459	20.02%	1.286%
31	15.692	2204	2211	2213	rBV2	11362	19752	1.26%	0.081%
32	16.163	2287	2291	2300	rVV	39486	65538	4.19%	0.269%
33	16.504	2344	2349	2357	rBV	128380	184616	11.79%	0.757%
34	16.851	2403	2408	2417	rBV	207016	274510	17.53%	1.126%

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35	16.957	2422	2426	2430	rVV	29078	39570	2.53%	0.162%
36	17.004	2432	2434	2446	rVB4	11234	19983	1.28%	0.082%
37	17.198	2462	2467	2471	rBV	465606	703675	44.94%	2.886%
38	17.245	2471	2475	2480	rVV	641997	894829	57.15%	3.671%
39	17.298	2480	2484	2488	rVV	713670	1095673	69.97%	4.494%
40	17.333	2488	2490	2497	rVB	267281	320016	20.44%	1.313%
41	18.162	2626	2631	2636	rBV	364110	431403	27.55%	1.770%
42	18.956	2762	2766	2771	rBV6	13370	23676	1.51%	0.097%
43	19.256	2809	2817	2824	rVB	649168	919930	58.75%	3.774%
44	19.362	2832	2835	2840	rVB2	24629	30819	1.97%	0.126%
45	19.598	2868	2875	2877	rBV	976094	1422316	90.83%	5.834%
46	19.621	2877	2879	2889	rVB	695643	922421	58.91%	3.784%
47	20.133	2963	2966	2970	rVB	18739	22799	1.46%	0.094%
48	21.092	3124	3129	3147	rBV	253429	444020	28.36%	1.821%
49	21.297	3159	3164	3169	rBV	751827	875196	55.89%	3.590%
50	21.386	3174	3179	3182	rBV	756479	976456	62.36%	4.005%
51	21.421	3182	3185	3191	rVB	688168	902147	57.61%	3.701%
52	21.974	3276	3279	3287	rBV4	20164	43345	2.77%	0.178%
53	22.444	3356	3359	3366	rVB	23984	31124	1.99%	0.128%
54	22.580	3377	3382	3389	rVB	88538	133791	8.54%	0.549%
55	22.962	3443	3447	3453	rVB2	34418	53201	3.40%	0.218%
56	23.539	3537	3545	3549	rBV2	751071	1565836	100.00%	6.423%
57	23.580	3549	3552	3561	rVV	404310	706080	45.09%	2.896%
58	23.680	3562	3569	3581	rVB2	506392	1005525	64.22%	4.125%
59	24.209	3654	3659	3666	rVB	41573	77280	4.94%	0.317%
60	24.303	3670	3675	3686	rVB5	25748	67612	4.32%	0.277%
61	24.974	3785	3789	3796	rVB2	27532	54019	3.45%	0.222%
62	25.385	3855	3859	3867	rVB3	23746	53125	3.39%	0.218%
63	26.003	3953	3964	3979	rBV2	475457	1461625	93.34%	5.996%
64	26.732	4081	4088	4098	rVB	86992	217106	13.87%	0.891%

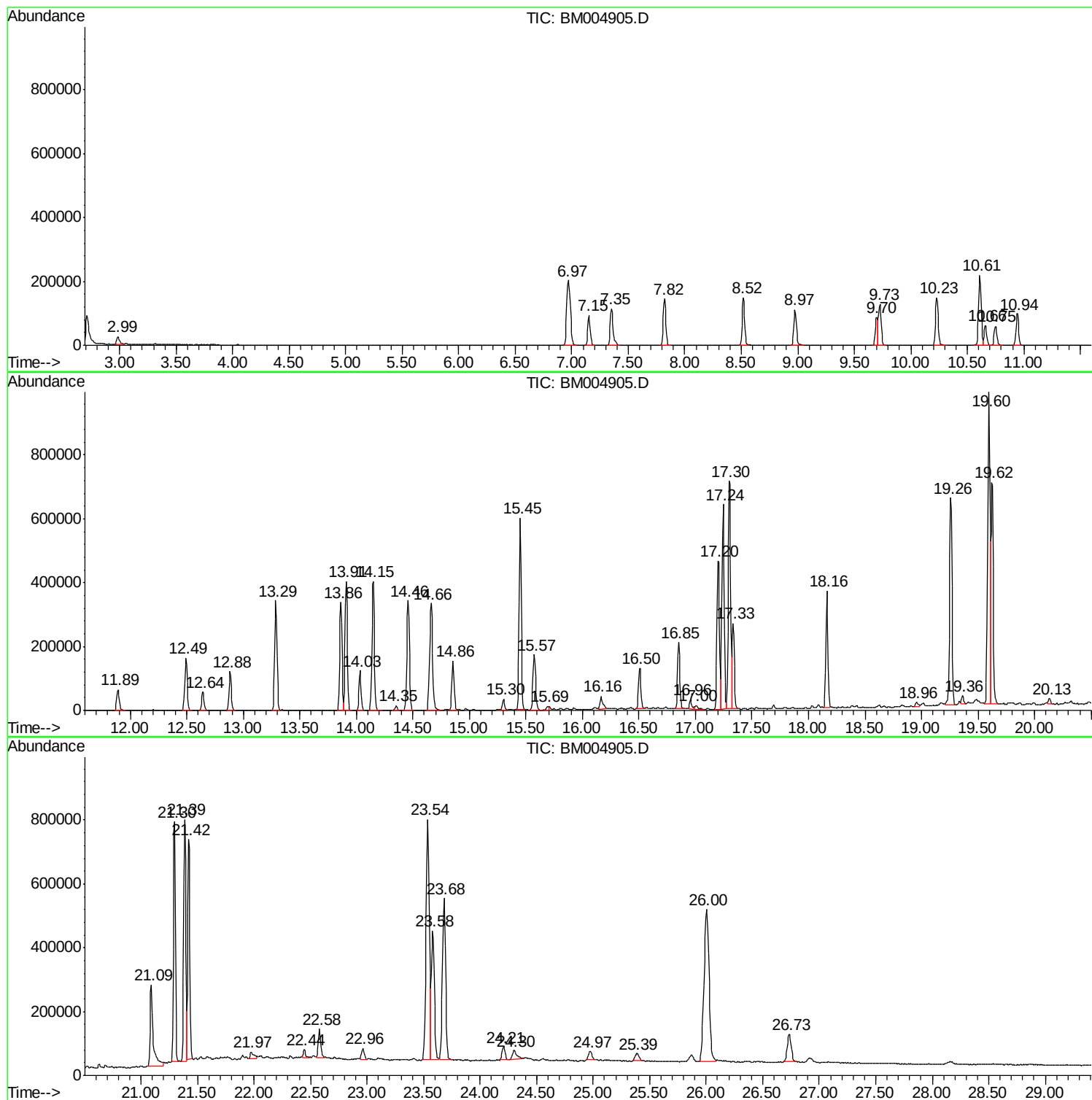
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TIC Library : C:\DATABASE\NIST02.L
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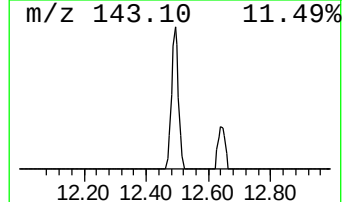
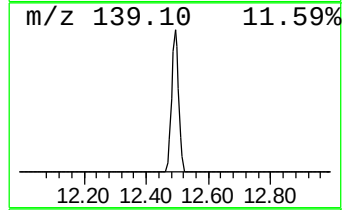
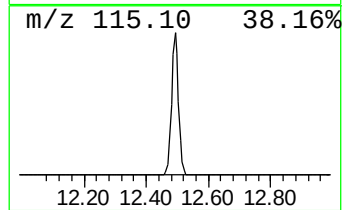
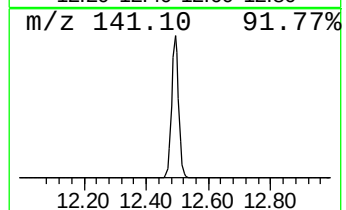
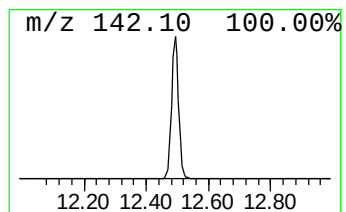
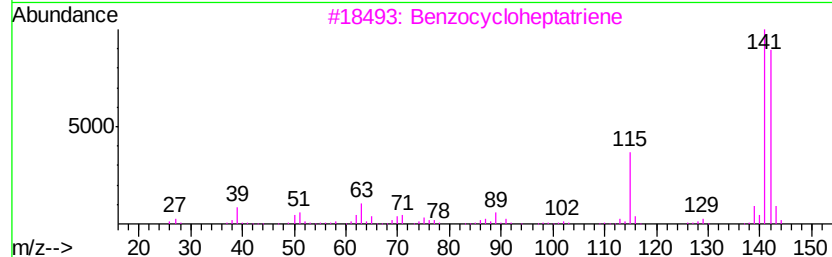
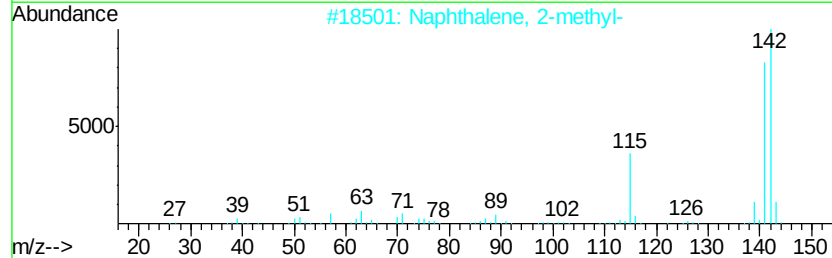
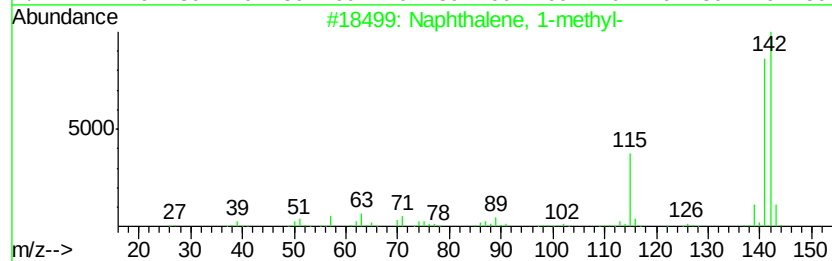
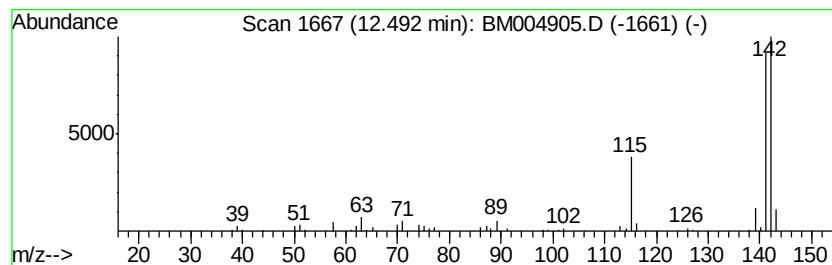
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Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM040116.M
Quant Title : SVOA CALIBRATION

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

Peak Number 2 Naphthalene, 1-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.		
12.49	13.99 ng/ul	255999	Naphthalene-d8	10.61		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Naphthalene, 1-methyl-	142	C11H10	000090-12-0	96
2		Naphthalene, 2-methyl-	142	C11H10	000091-57-6	96
3		Benzocycloheptatriene	142	C11H10	000264-09-5	91
4		1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	91
5		Naphthalene, 1-methyl-	142	C11H10	000090-12-0	91



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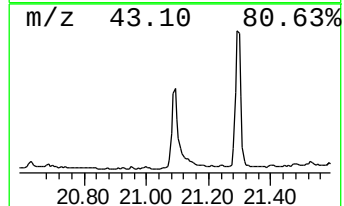
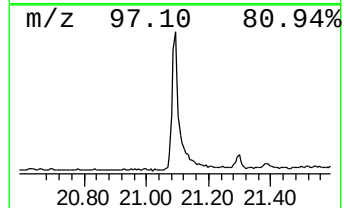
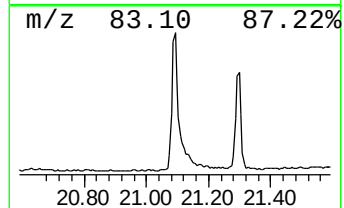
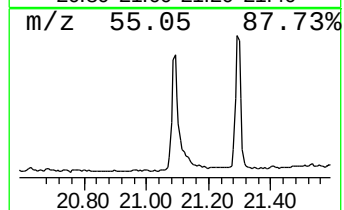
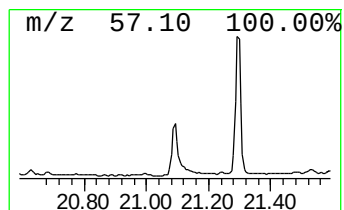
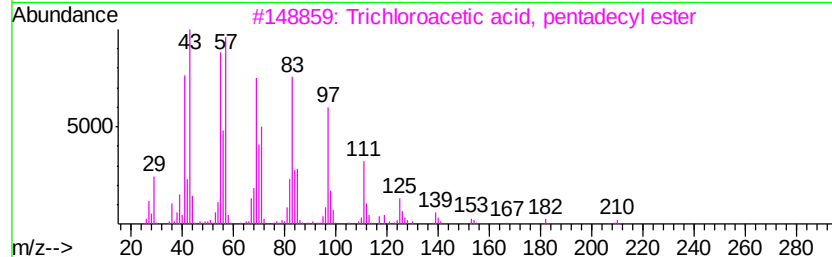
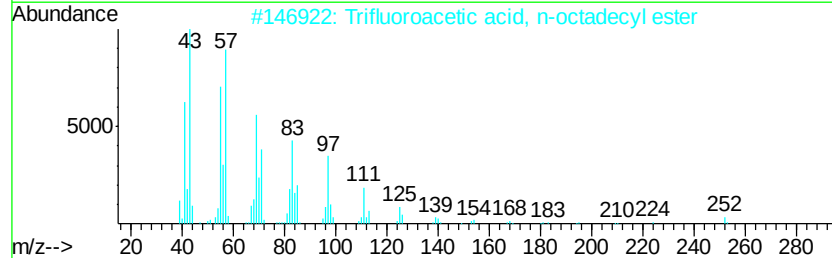
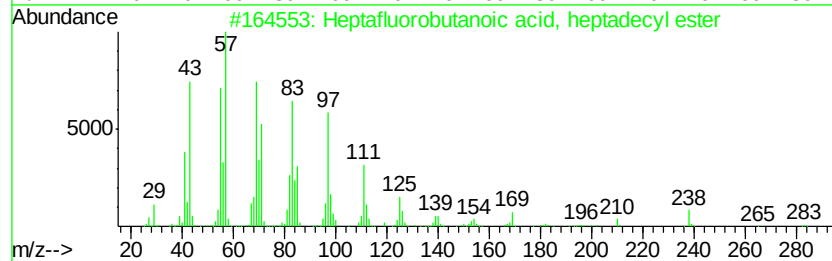
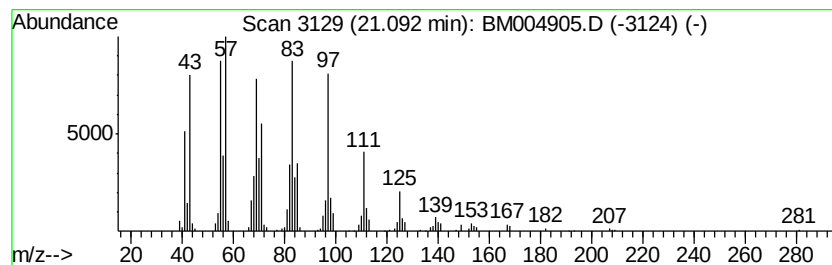
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Quant Title : SVOA CALIBRATION

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

Peak Number 3 Heptafluorobutanoic acid, h... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.		
21.09	9.09 ng/ul	444020	Chrysene-d12	21.39		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Heptafluorobutanoic acid, heptadecyl...	452	C21H35F7O2	1000282-97-3	94
2		Trifluoroacetic acid, n-octadecyl...	366	C20H37F3O2	079392-43-1	91
3		Trichloroacetic acid, pentadecyl...	372	C17H31Cl3O2	074339-53-0	91
4		Heptafluorobutyric acid, n-pentadecyl...	424	C19H31F7O2	1000216-79-3	91
5		Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	91



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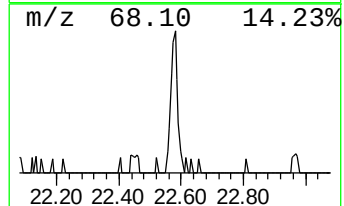
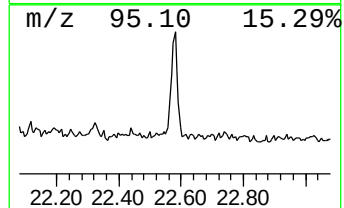
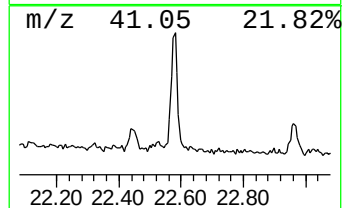
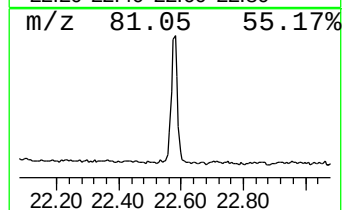
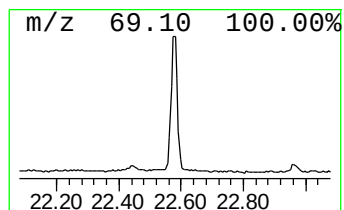
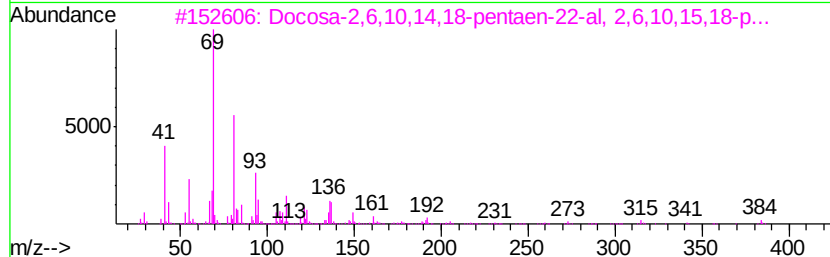
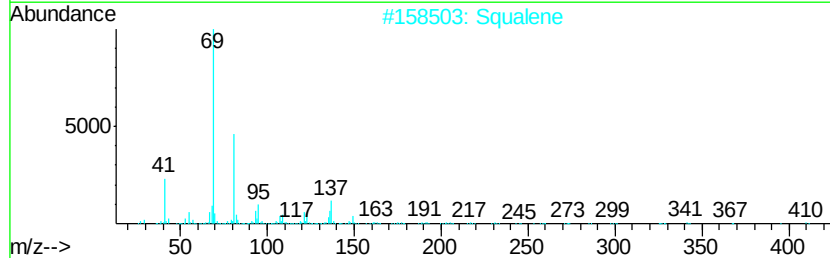
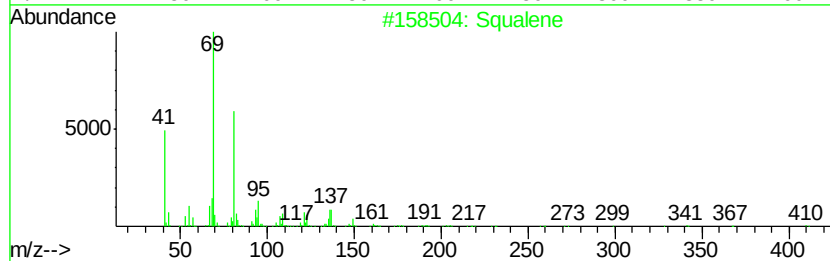
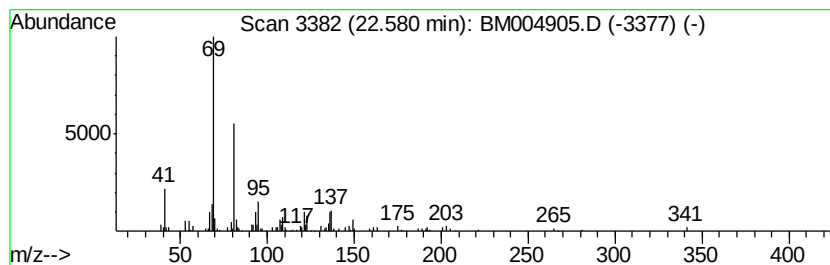
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TIC Library : C:\DATABASE\NIST02.L
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Peak Number 4 Squalene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.58	2.66 ng/ul	133791	Perylene-d12	23.68

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Squalene	410	C30H50	007683-64-9	91
2		Squalene	410	C30H50	007683-64-9	91
3		Docosa-2,6,10,14,18-pentaen-22-a...	384	C27H44O	1000163-04-7	90
4		2,6,10,14,18,22-Tetracosahexaene...	410	C30H50	000111-02-4	90
5		2,6,10,14,18,22-Tetracosahexaene...	410	C30H50	000111-02-4	90



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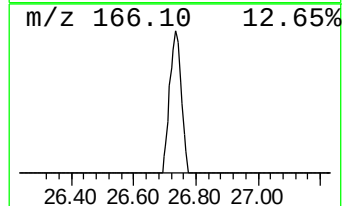
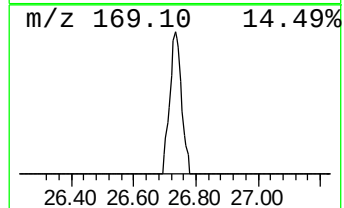
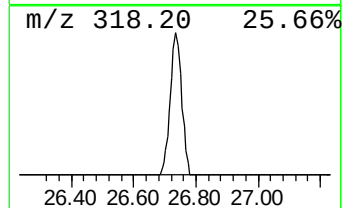
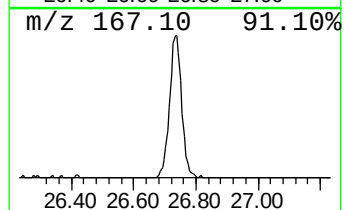
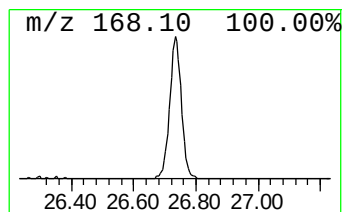
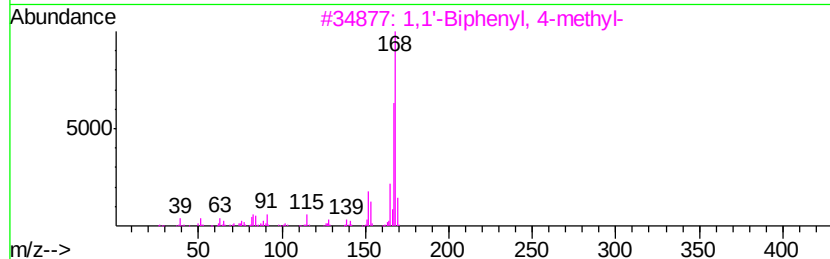
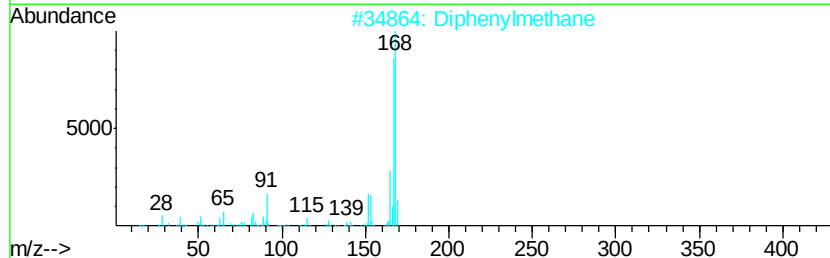
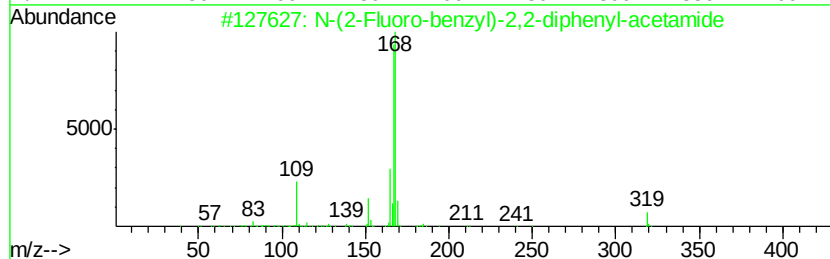
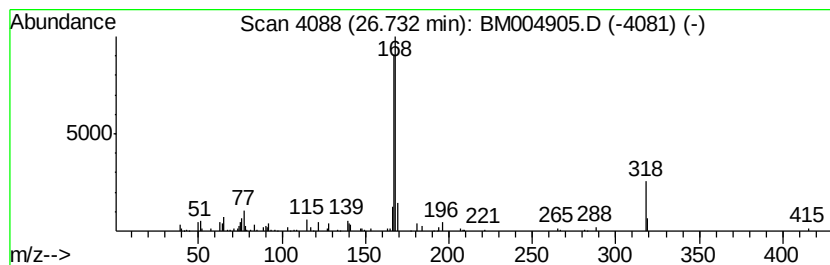
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TIC Library : C:\DATABASE\NIST02.L
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Peak Number 5 N-(2-Fluoro-benzyl)-2,2-dip... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
26.73	4.32 ng/ul	217106	Perylene-d12	23.68

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	N-(2-Fluoro-benzyl)-2,2-diphenyl...	319	C21H18FNO	329920-78-7	80
2		Diphenylmethane	168	C13H12	000101-81-5	72
3		1,1'-Biphenyl, 4-methyl-	168	C13H12	000644-08-6	72
4		1,1'-Biphenyl, 2-methyl-	168	C13H12	000643-58-3	72
5		1,1'-Biphenyl, 4-methyl-	168	C13H12	000644-08-6	72



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Naphthalene, 1-me...	12.49	14.0	ng/ul	255999	2	10.61	366095	20.0
Heptafluorobutano...	21.09	9.1	ng/ul	444020	5	21.39	976456	20.0
Squalene	22.58	2.7	ng/ul	133791	6	23.68	1005530	20.0
N-(2-Fluoro-benzy...	26.73	4.3	ng/ul	217106	6	23.68	1005530	20.0