

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM051816\
 Data File : BM005493.D
 Acq On : 19 May 2016 05:24
 Operator : UM/SJ
 Sample : H2954-01
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 H4082

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-BM051816.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	2.663	10	13	22	rVB3	10927	20768	1.67%	0.240%
2	6.993	743	749	759	rVB	45799	73103	5.87%	0.846%
3	7.169	771	779	786	rVB2	33016	60351	4.85%	0.698%
4	7.363	805	812	818	rBV	42613	67445	5.42%	0.780%
5	7.798	879	886	889	rBV2	30347	48632	3.91%	0.563%
6	7.834	889	892	900	rVB	69960	107882	8.67%	1.248%
7	8.528	1005	1010	1017	rBV	63323	97542	7.84%	1.129%
8	8.986	1082	1088	1094	rBV	40948	67161	5.40%	0.777%
9	9.710	1204	1211	1216	rBV2	29953	47379	3.81%	0.548%
10	10.181	1284	1291	1296	rBV	10703	16023	1.29%	0.185%
11	10.239	1296	1301	1307	rVB	62500	98372	7.90%	1.138%
12	10.628	1358	1367	1375	rBV	114954	194593	15.64%	2.252%
13	10.757	1383	1389	1396	rBV	48572	80489	6.47%	0.931%
14	13.874	1913	1919	1923	rBV	140714	189912	15.26%	2.198%
15	13.921	1923	1927	1933	rVB2	26911	36743	2.95%	0.425%
16	14.157	1961	1967	1973	rVB	146861	211754	17.02%	2.450%
17	14.463	2013	2019	2028	rVB2	215116	325944	26.19%	3.772%
18	14.645	2044	2050	2059	rBV	60303	88071	7.08%	1.019%
19	15.457	2182	2188	2195	rVB	226653	318863	25.62%	3.690%
20	15.563	2202	2206	2211	rBV	43229	55248	4.44%	0.639%
21	17.204	2479	2485	2492	rVB	354899	499519	40.14%	5.780%
22	17.298	2496	2501	2513	rVB2	273563	391345	31.45%	4.529%
23	18.098	2632	2637	2642	rBV	13661	19245	1.55%	0.223%
24	19.586	2885	2890	2900	rBV	432254	606272	48.72%	7.016%
25	20.539	3049	3052	3056	rVB6	12136	14587	1.17%	0.169%
26	21.097	3143	3147	3152	rBV2	27681	39971	3.21%	0.463%
27	21.297	3177	3181	3186	rVB	103716	110823	8.91%	1.282%
28	21.374	3188	3194	3199	rBV	830364	1036407	83.28%	11.993%
29	21.980	3293	3297	3308	rBV	75797	109921	8.83%	1.272%
30	22.974	3461	3466	3471	rBV	368162	542256	43.57%	6.275%
31	23.509	3551	3557	3563	rBV2	475135	884034	71.04%	10.230%
32	23.656	3575	3582	3592	rVB	637923	1244484	100.00%	14.401%
33	24.233	3675	3680	3686	rVB2	110640	195193	15.68%	2.259%
34	24.309	3687	3693	3702	rVB	205383	411226	33.04%	4.759%

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Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
H4082

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

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35	25.909	3959	3965	3974	rVB	129925	330231	26.54%	3.821%
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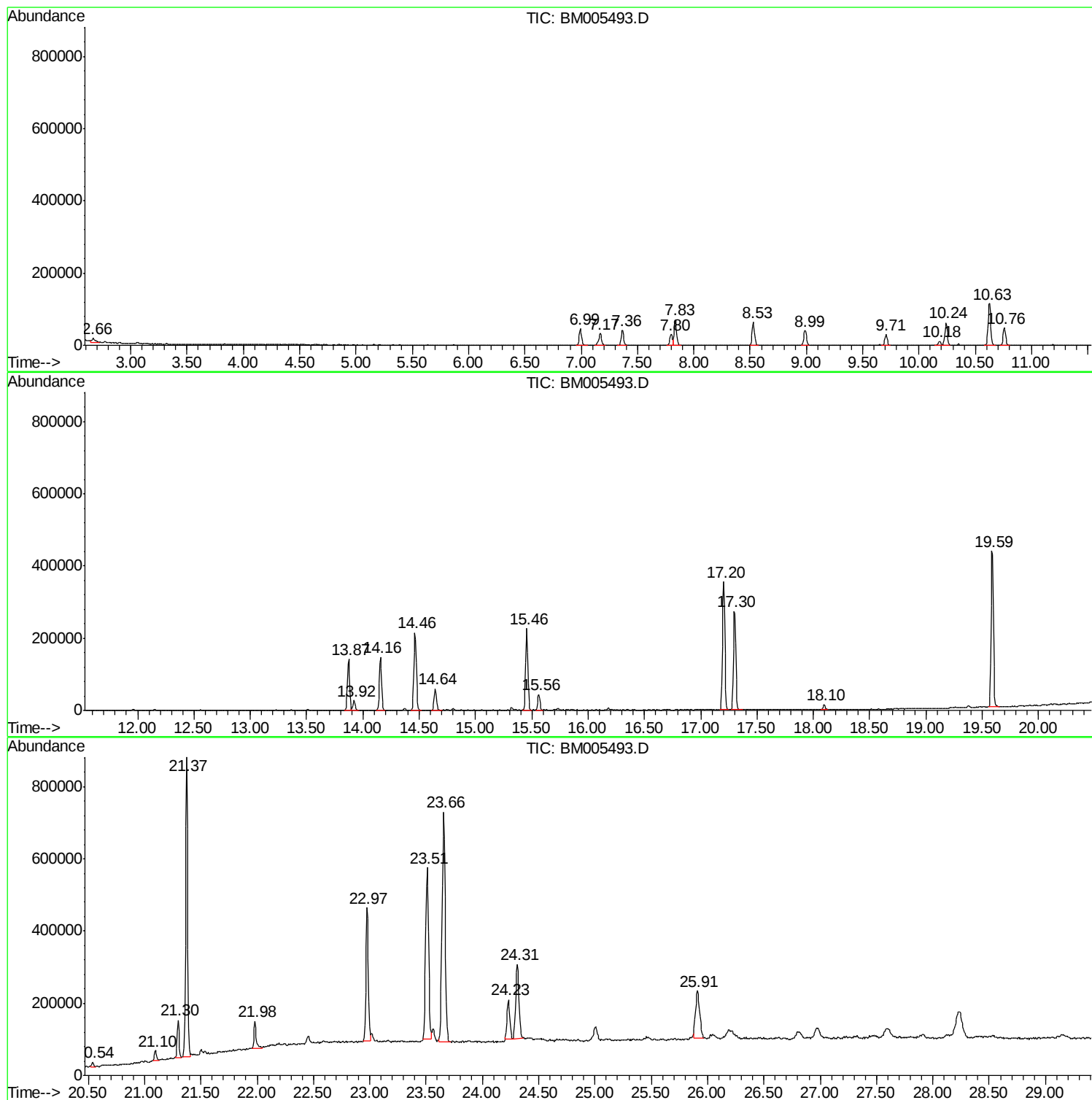
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Quant Title : SVOA CALIBRATION

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



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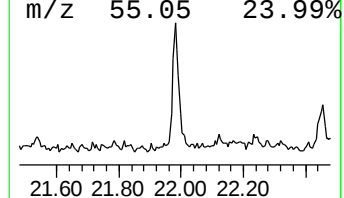
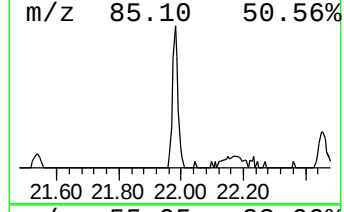
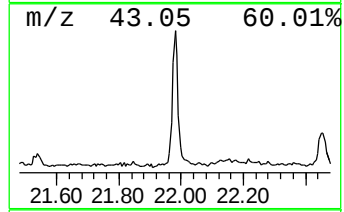
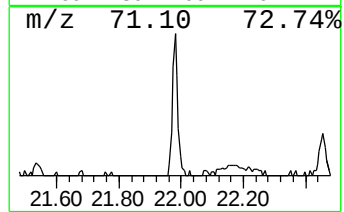
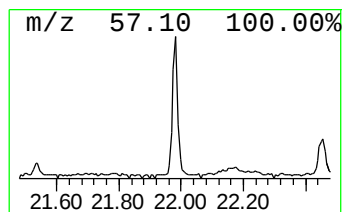
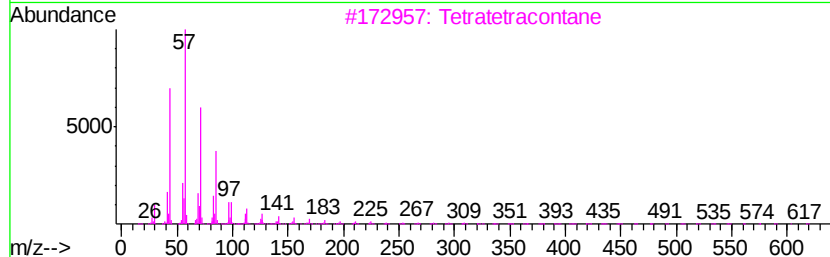
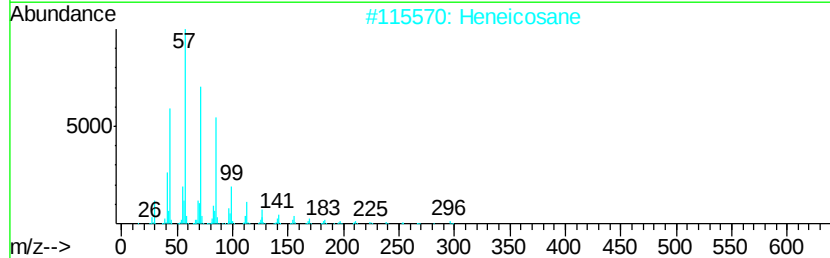
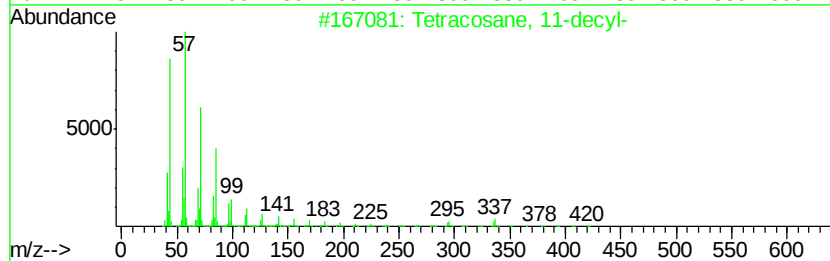
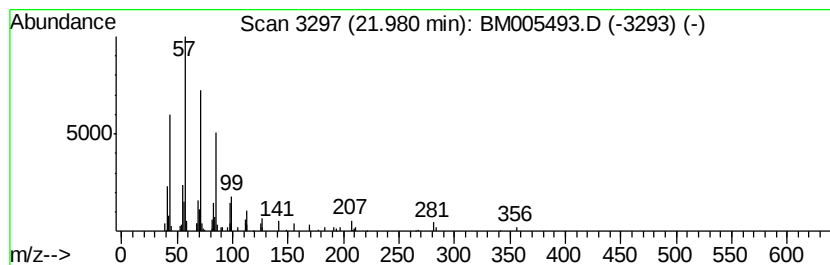
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.98	2.12 ng/ul	109921	Chrysene-d12	21.37

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tetracosane, 11-decyl-	479	C34H70	055429-84-0	90
2		Heneicosane	296	C21H44	000629-94-7	90
3		Tetratetracontane	619	C44H90	007098-22-8	90
4		Heptadecane, 9-octyl-	352	C25H52	007225-64-1	90
5		Tetratriacontane	479	C34H70	014167-59-0	90



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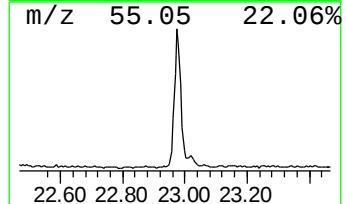
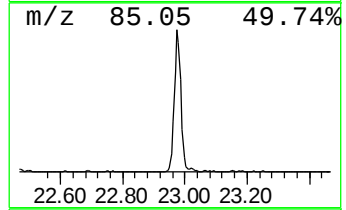
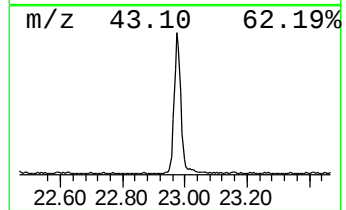
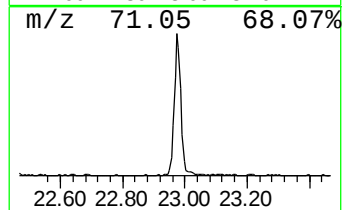
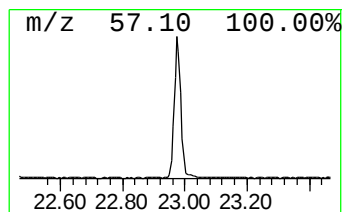
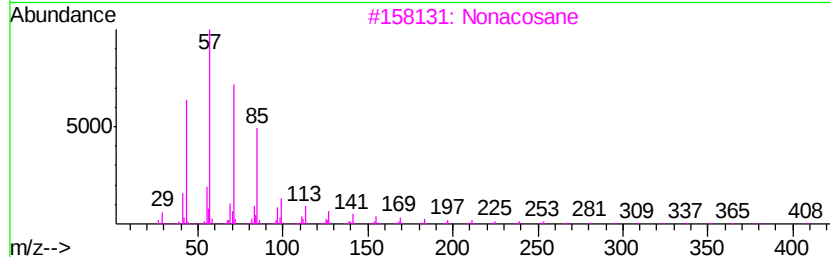
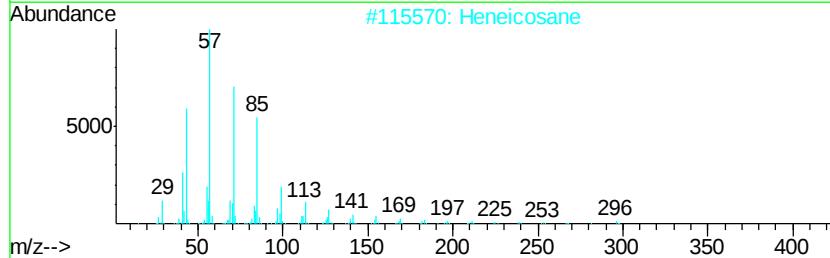
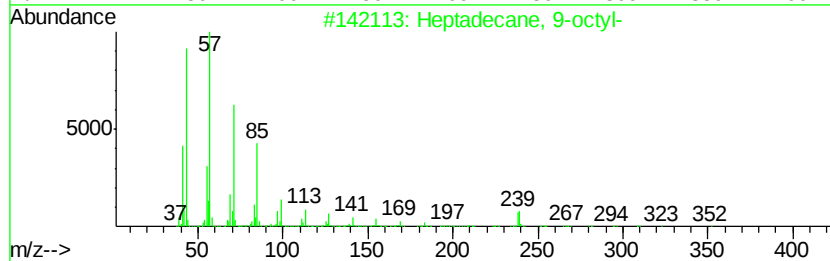
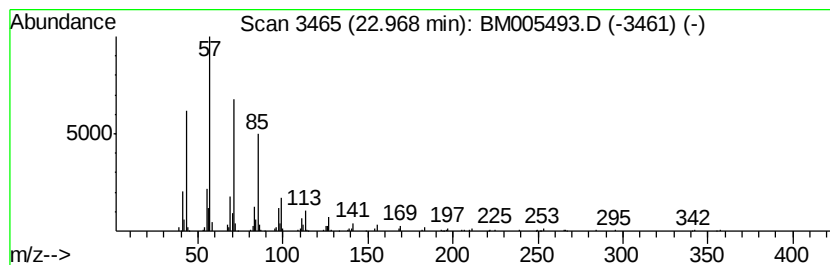
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Quant Title : SVOA CALIBRATION

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

Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.97	8.71 ng/ul	542256	Perylene-d12	23.66

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91
2		Heneicosane	296	C21H44	000629-94-7	91
3		Nonacosane	408	C29H60	000630-03-5	91
4		triacontane	422	C30H62	000638-68-6	91
5		Tetracosane	338	C24H50	000646-31-1	91



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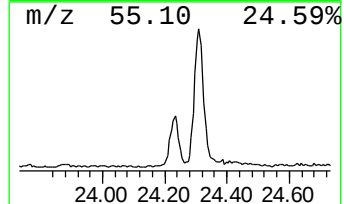
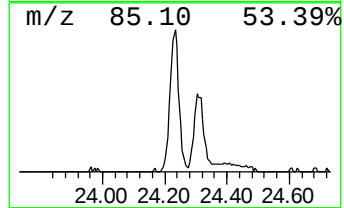
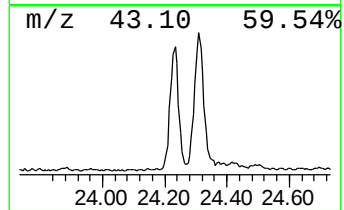
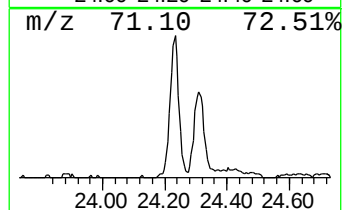
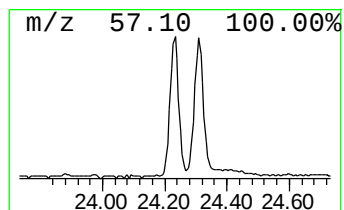
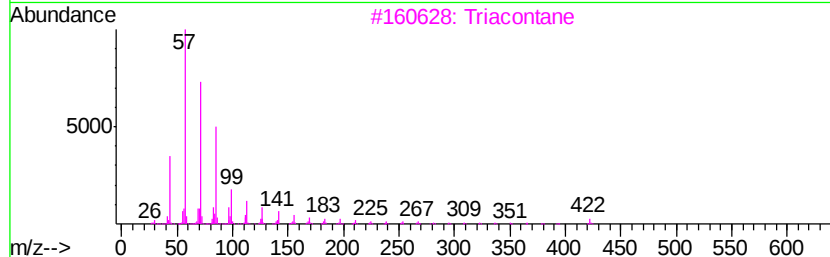
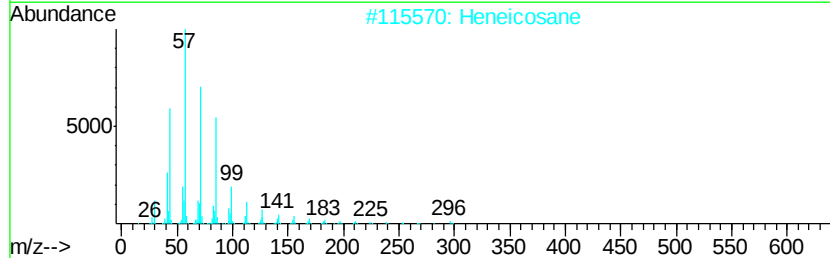
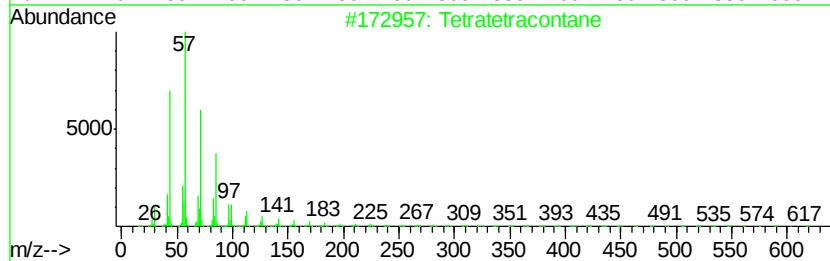
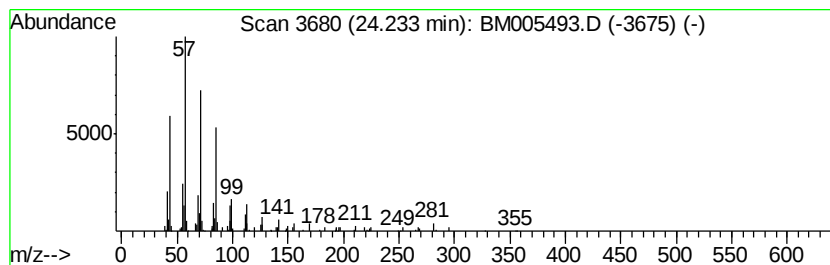
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.23	3.14 ng/ul	195193	Perylene-d12	23.66

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tetratetracontane	619	C44H90	007098-22-8	93
2		Heneicosane	296	C21H44	000629-94-7	90
3		Triacontane	422	C30H62	000638-68-6	90
4		Octacosane	394	C28H58	000630-02-4	90
5		Tetratriacontane	479	C34H70	014167-59-0	90



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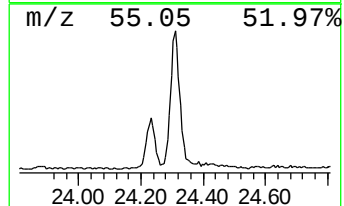
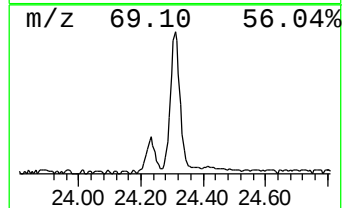
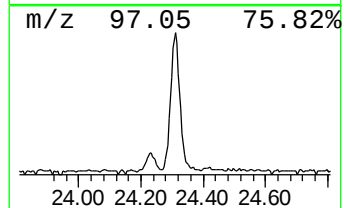
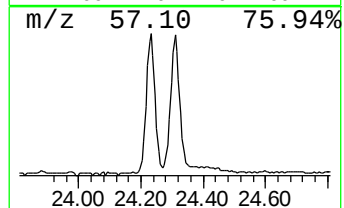
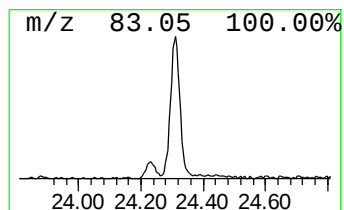
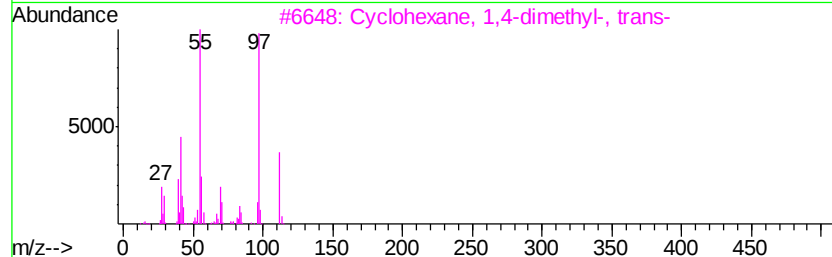
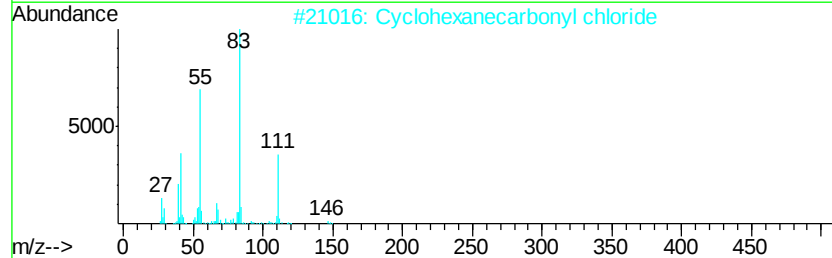
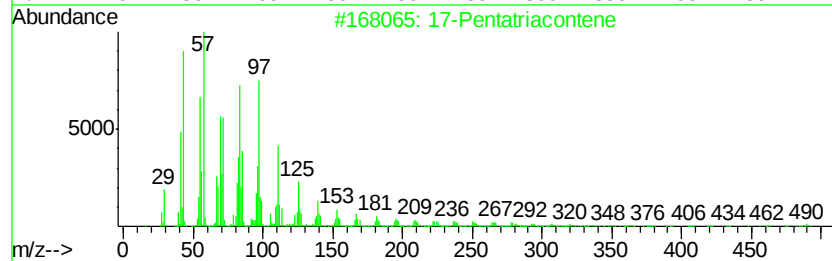
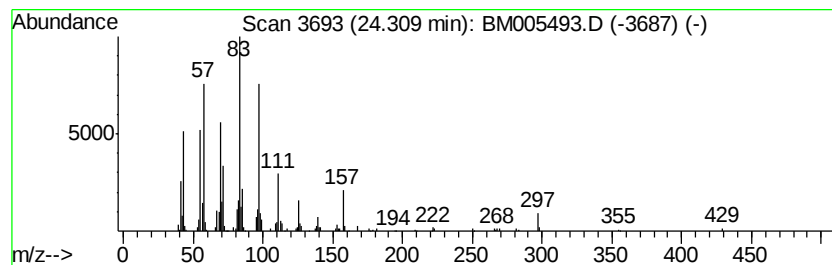
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.31	6.61 ng/ul	411226	Perylene-d12	23.66

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			17-Pentatriacontene	491	C35H70	006971-40-0	30
2			Cyclohexanecarbonyl chloride	146	C7H11ClO	002719-27-9	27
3			Cyclohexane, 1,4-dimethyl-, trans-	112	C8H16	002207-04-7	25
4			1-Hexadecanesulfonyl chloride	324	C16H33ClO2S	038775-38-1	22
5			1-Triacontanol	438	C30H62O	000593-50-0	22



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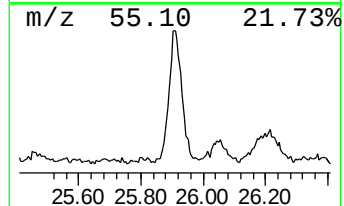
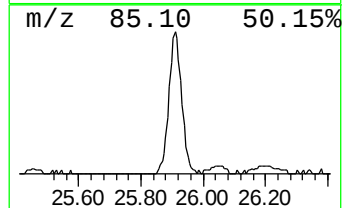
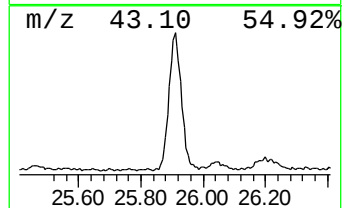
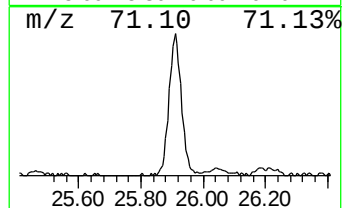
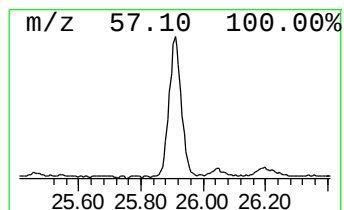
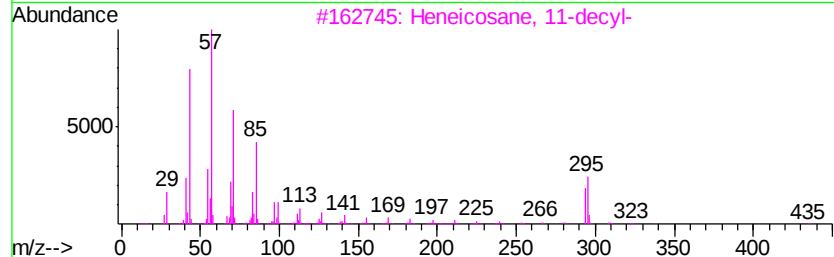
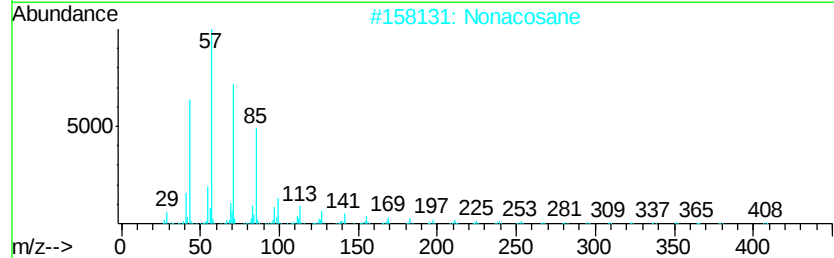
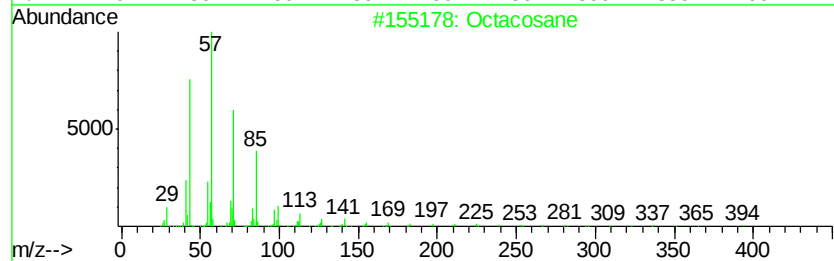
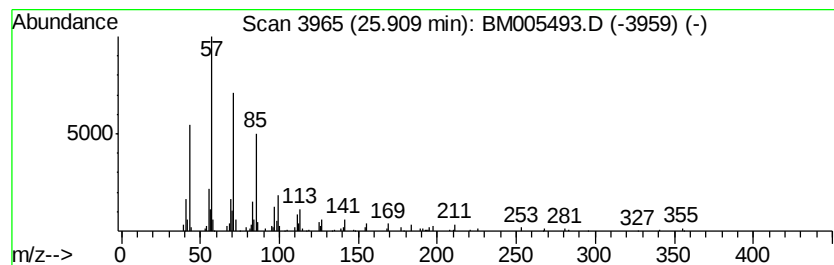
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 Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.91	5.31 ng/ul	330231	Perylene-d12	23.66

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octacosane	394	C28H58	000630-02-4	91
2			Nonacosane	408	C29H60	000630-03-5	91
3			Heneicosane, 11-decyl-	437	C31H64	055320-06-4	91
4			Heneicosane, 11-(1-ethylpropyl)-	366	C26H54	055282-11-6	91
5			Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91



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Quant Title : SVOA CALIBRATION

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

					--Internal Standard--			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
(DEL) Alkane: Str...	21.98	2.1	ng/ul	109921	5	21.37	1036410	20.0
(DEL) Alkane: Str...	22.97	8.7	ng/ul	542256	6	23.66	1244480	20.0
(DEL) Alkane: Str...	24.23	3.1	ng/ul	195193	6	23.66	1244480	20.0
(DEL) Alkane: Str...	24.31	6.6	ng/ul	411226	6	23.66	1244480	20.0
(DEL) Alkane: Str...	25.91	5.3	ng/ul	330231	6	23.66	1244480	20.0