

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP062220\
 Data File : BP002476.D
 Acq On : 22 Jun 2020 12:50
 Operator : CG/JU
 Sample : PB129666BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB129666BL

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_P\METHODS\8270-BP060520.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	5.211	388	395	411	rBV	3202997	5196882	43.59%	8.038%
2	6.787	654	663	678	rBV	3247779	5519716	46.30%	8.537%
3	7.593	791	800	810	rBV	780060	1259340	10.56%	1.948%
4	7.910	846	854	863	rBV	2919455	4818763	40.42%	7.453%
5	8.740	986	995	1011	rBV	2318741	3948246	33.12%	6.107%
6	10.363	1261	1271	1291	rBV	1018502	1789479	15.01%	2.768%
7	12.863	1688	1696	1717	rBV	5074323	8060482	67.61%	12.467%
8	14.245	1923	1931	1955	rBV	1620136	2409576	20.21%	3.727%
9	15.745	2179	2186	2199	rBV	4035153	6231788	52.27%	9.639%
10	17.004	2394	2400	2413	rBV	2048830	2908905	24.40%	4.499%
11	19.598	2834	2841	2858	rBV	8388333	11921293	100.00%	18.438%
12	21.110	3093	3098	3108	rBV	2794859	3480687	29.20%	5.384%
13	21.721	3199	3202	3210	rVB	101973	122645	1.03%	0.190%
14	22.180	3276	3280	3286	rVB	211349	260993	2.19%	0.404%
15	22.686	3362	3366	3372	rVB	311095	445978	3.74%	0.690%
16	23.251	3457	3462	3467	rBV	383672	653889	5.49%	1.011%
17	23.315	3467	3473	3485	rVB2	1930804	3639293	30.53%	5.629%
18	23.898	3567	3572	3581	rVB	370561	688386	5.77%	1.065%
19	24.645	3694	3699	3709	rVB	317726	724970	6.08%	1.121%
20	25.521	3843	3848	3860	rVB	229106	573333	4.81%	0.887%

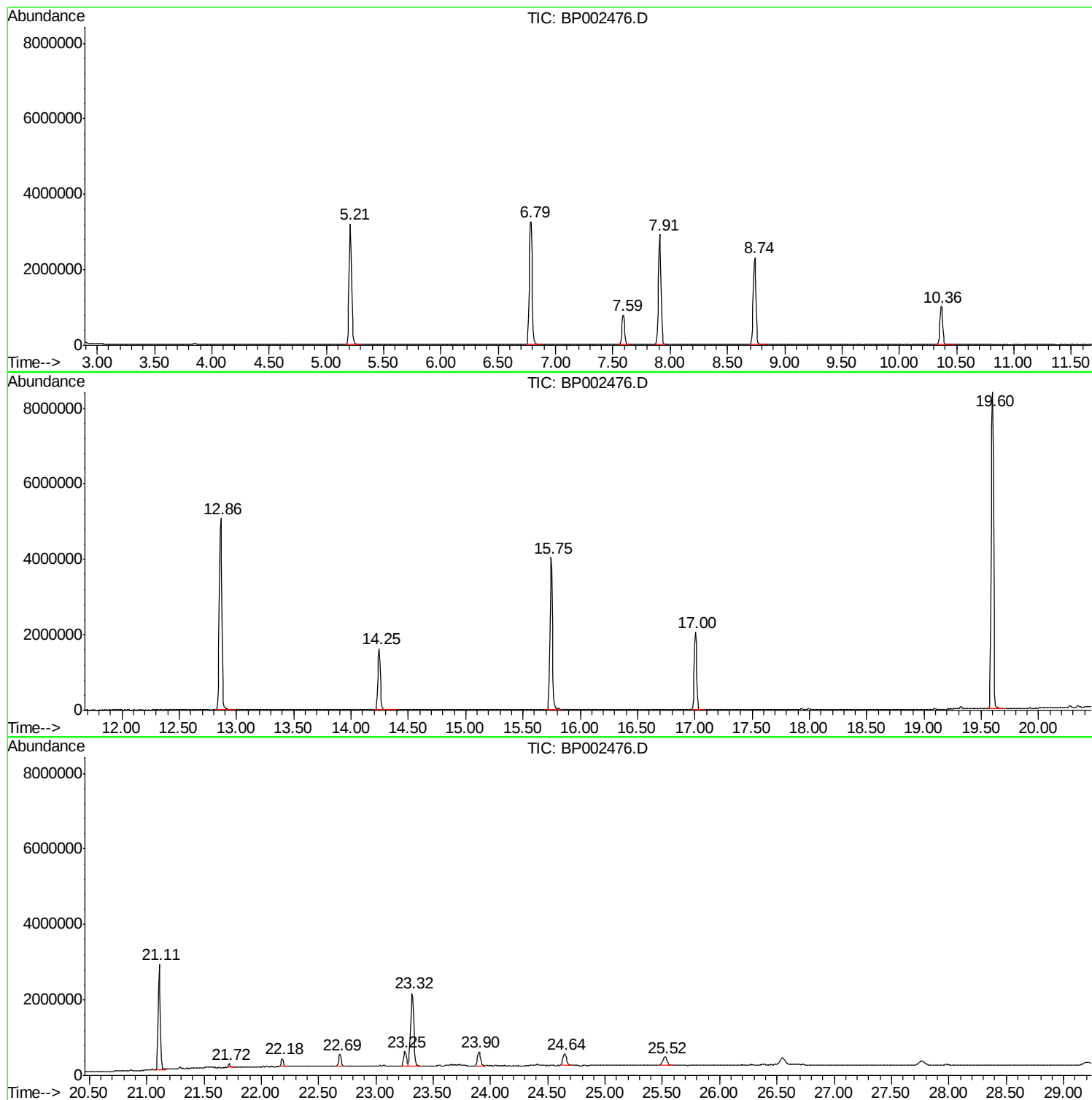
Sum of corrected areas: 64654644

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Instrument :
BNA_P
ClientSampled :
PB129666BL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP060520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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 Operator : CG/JU
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 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB129666BL

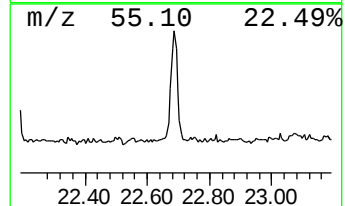
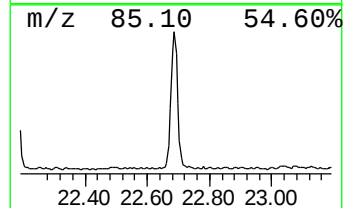
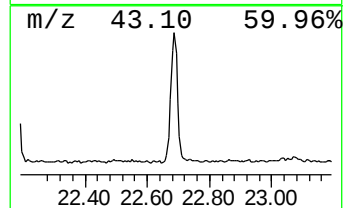
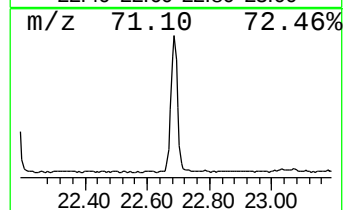
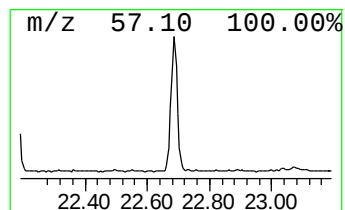
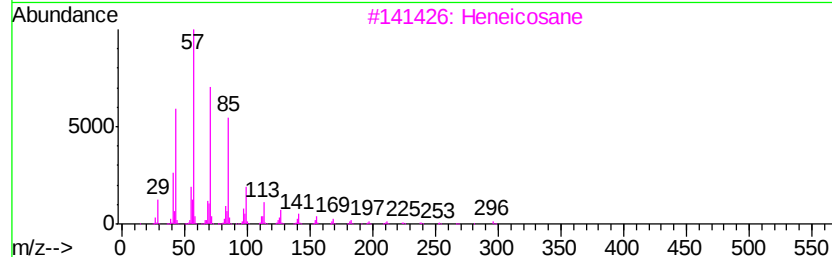
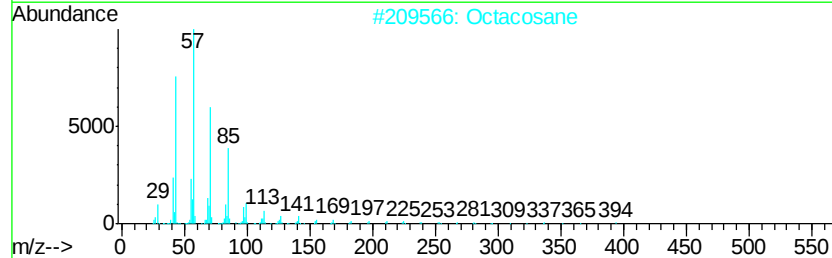
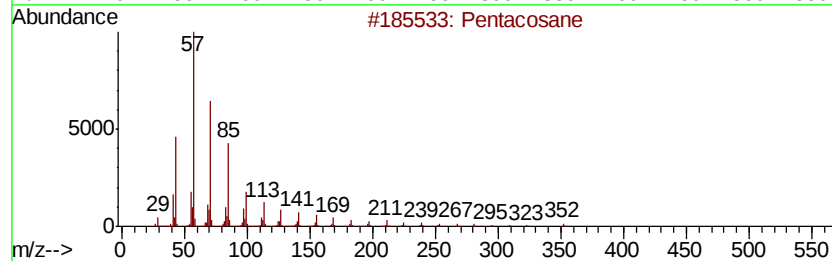
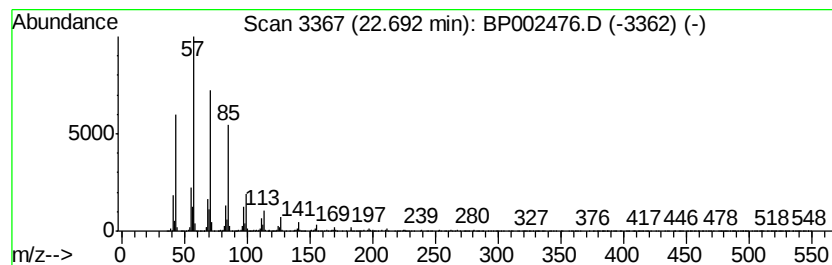
Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP060520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

 Peak Number 2 Pentacosane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.69	2.45 ng	445978	Perylene-d12	23.32

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentacosane		352	C25H52	000629-99-2	95
2	Octacosane		394	C28H58	000630-02-4	91
3	Heneicosane		296	C21H44	000629-94-7	91
4	Tetracosane		338	C24H50	000646-31-1	91
5	Hexadecane		226	C16H34	000544-76-3	87



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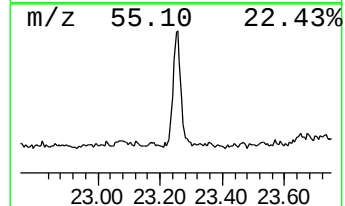
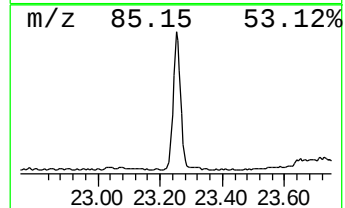
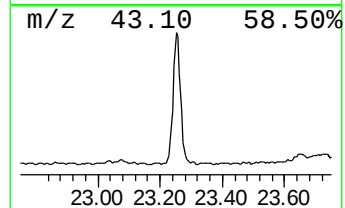
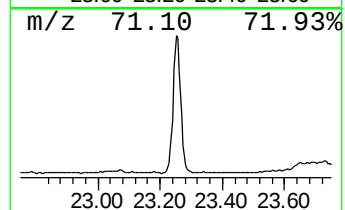
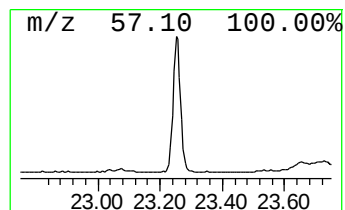
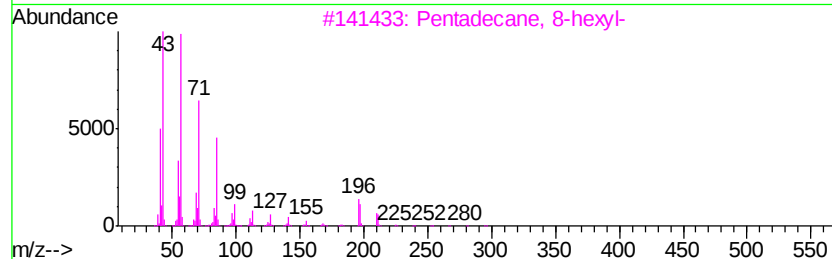
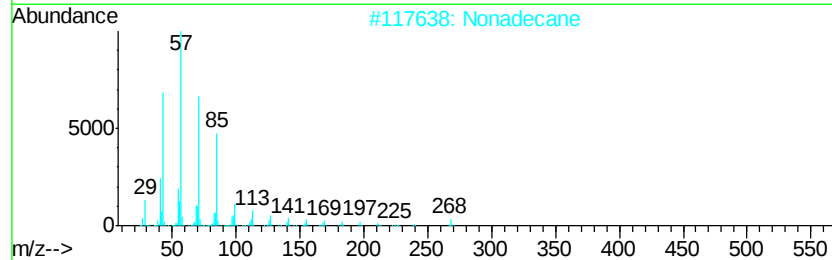
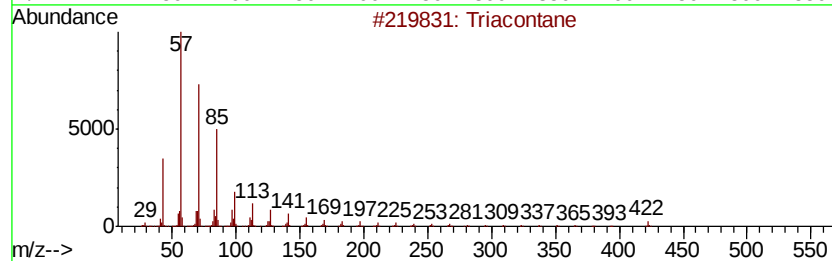
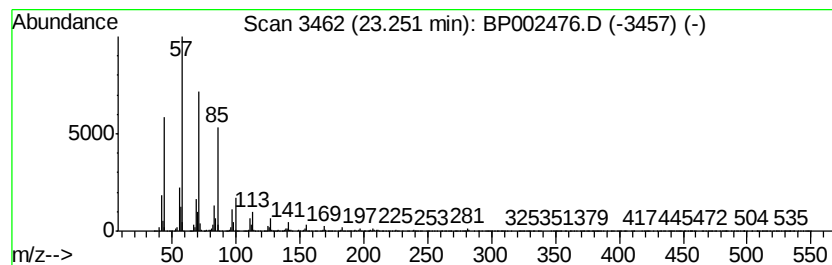
Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP060520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 3 Triacontane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.25	3.59 ng	653889	Perylene-d12	23.32

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Triacontane	422	C30H62	000638-68-6	96
2			Nonadecane	268	C19H40	000629-92-5	94
3			Pentadecane, 8-hexyl-	296	C21H44	013475-75-7	94
4			Heptadecane	240	C17H36	000629-78-7	94
5			Heptacosane	380	C27H56	000593-49-7	93



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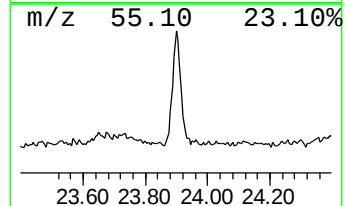
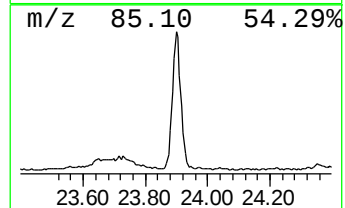
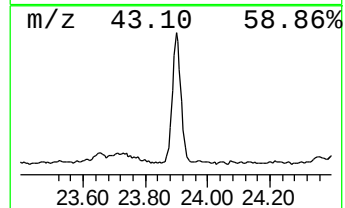
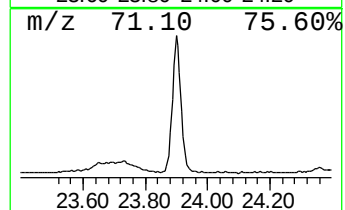
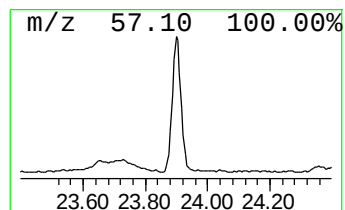
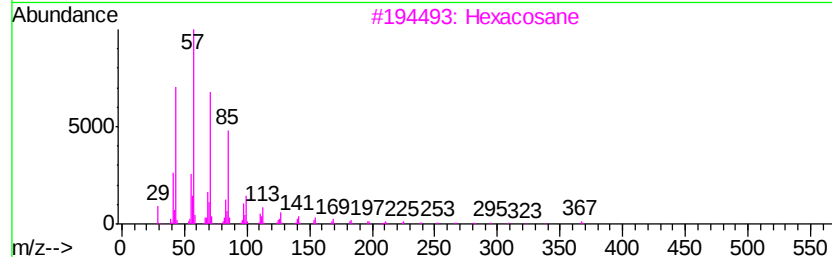
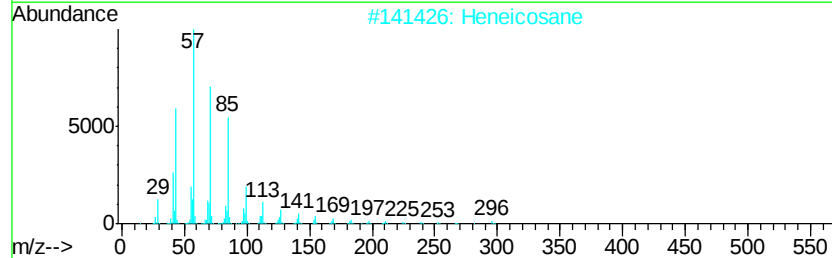
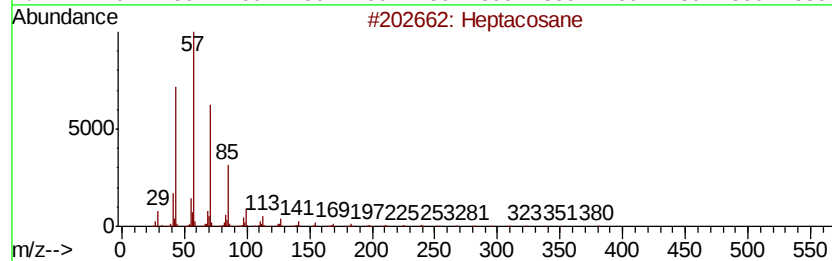
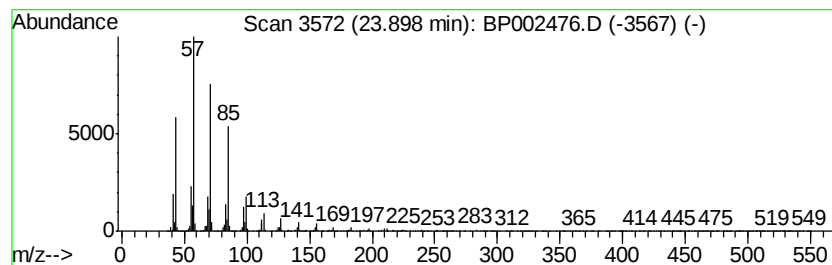
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 Heptacosane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.90	3.78 ng	688386	Perylene-d12	23.32

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptacosane		380	C27H56	000593-49-7	94
2	Heneicosane		296	C21H44	000629-94-7	91
3	Hexacosane		366	C26H54	000630-01-3	91
4	Octacosane		394	C28H58	000630-02-4	91
5	Tetracosane		338	C24H50	000646-31-1	91



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Misc :
ALS Vial : 4 Sample Multiplier: 1

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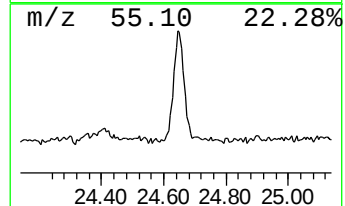
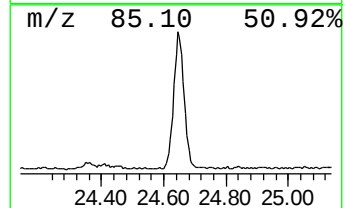
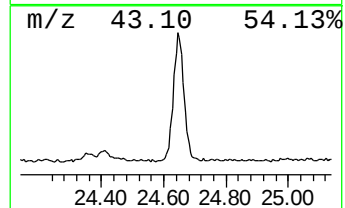
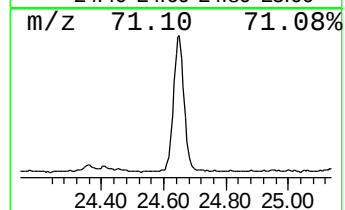
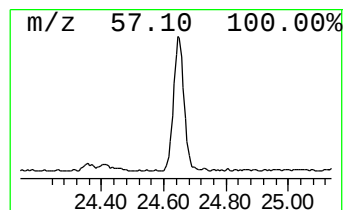
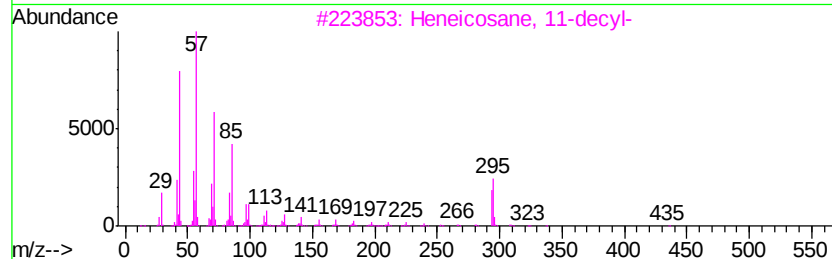
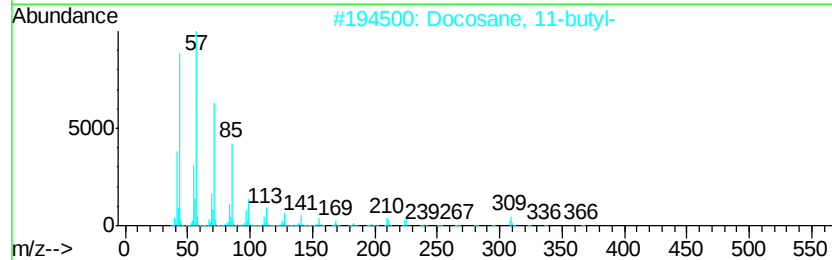
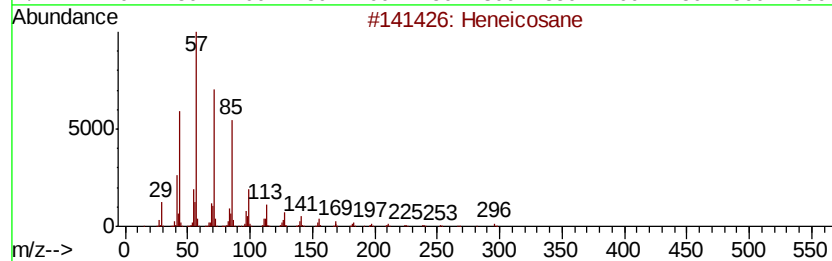
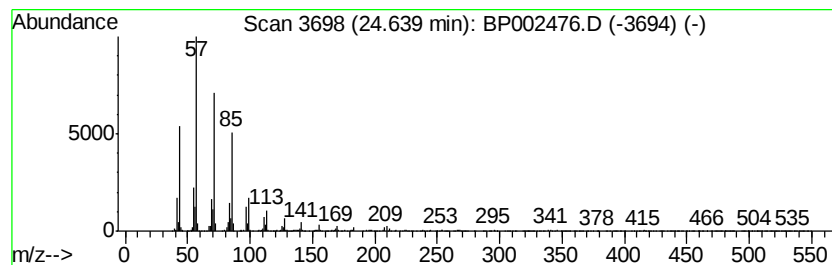
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 Heneicosane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.64	3.98 ng	724970	Perylene-d12	23.32

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane		296	C21H44	000629-94-7	96
2	Docosane, 11-butyl-		366	C26H54	013475-76-8	94
3	Heneicosane, 11-decyl-		437	C31H64	055320-06-4	94
4	Heptadecane, 9-octyl-		352	C25H52	007225-64-1	93
5	Octacosane		394	C28H58	000630-02-4	87



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Instrument :
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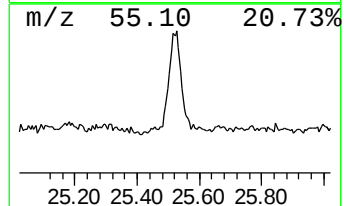
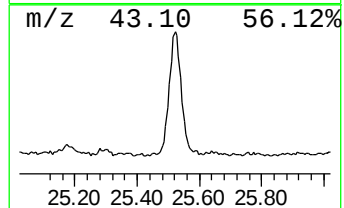
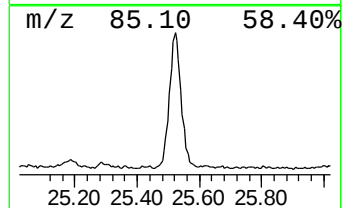
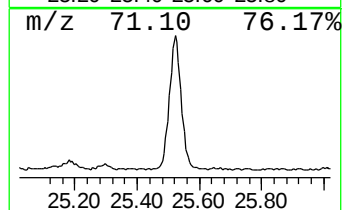
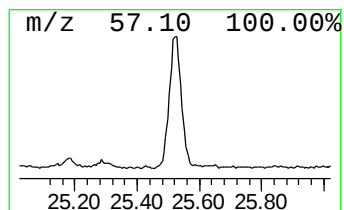
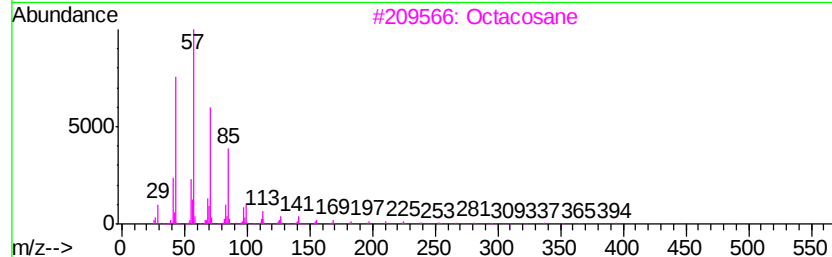
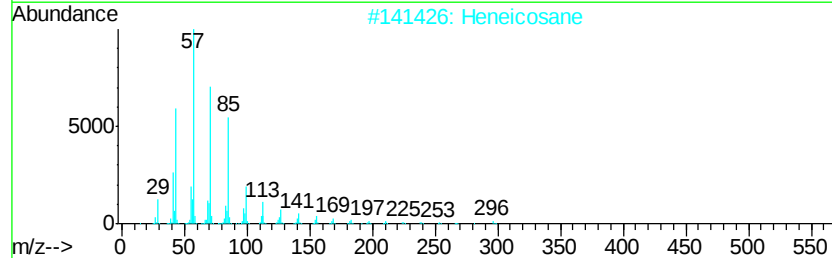
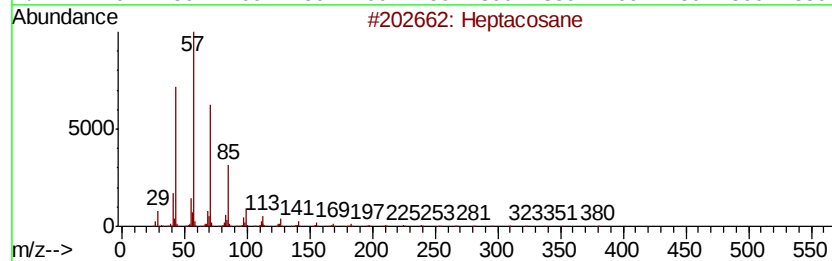
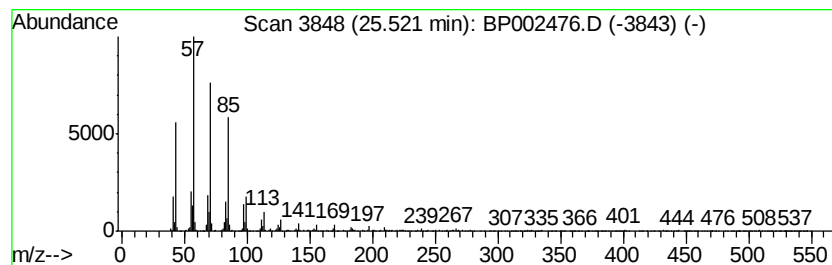
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 6 Octacosane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.52	3.15 ng	573333	Perylene-d12	23.32

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptacosane	380	C27H56	000593-49-7	93
2		Heneicosane	296	C21H44	000629-94-7	91
3		Octacosane	394	C28H58	000630-02-4	90
4		Tridecane, 7-propyl-	226	C16H34	055045-09-5	87
5		Eicosane	282	C20H42	000112-95-8	87



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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Pentacosane	22.69	2.5	ng	445978	6	23.32	3639290	20.0
Triacotane	23.25	3.6	ng	653889	6	23.32	3639290	20.0
Heptacosane	23.90	3.8	ng	688386	6	23.32	3639290	20.0
Heneicosane	24.64	4.0	ng	724970	6	23.32	3639290	20.0
Octacosane	25.52	3.1	ng	573333	6	23.32	3639290	20.0