

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM062220\
 Data File : BM026492.D
 Acq On : 22 Jun 2020 16:08
 Operator : JU/CG
 Sample : PB129581BL
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB129581BL

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-BM060520.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	5.016	356	362	381	rBV	2031333	2974797	28.03%	6.813%
2	6.593	622	630	647	rBV	2089089	3343912	31.51%	7.658%
3	7.381	758	764	775	rBV	417910	644800	6.08%	1.477%
4	7.698	811	818	829	rBV	1755850	2674387	25.20%	6.125%
5	8.534	952	960	976	rBV	1517433	2495574	23.51%	5.715%
6	10.145	1227	1234	1247	rBV	541633	945800	8.91%	2.166%
7	12.651	1653	1660	1680	rBV	3947680	5572508	52.50%	12.762%
8	14.039	1890	1896	1907	rBV	940644	1375849	12.96%	3.151%
9	15.545	2145	2152	2173	rBV	3474466	4993954	47.05%	11.437%
10	16.798	2359	2365	2379	rBV	1209223	1744458	16.44%	3.995%
11	19.462	2811	2818	2822	rBV	8568463	10613536	100.00%	24.307%
12	21.009	3076	3081	3092	rBV	1637693	2092811	19.72%	4.793%
13	22.050	3255	3258	3263	rVB	156653	175388	1.65%	0.402%
14	22.515	3333	3337	3345	rVB	246029	328990	3.10%	0.753%
15	23.033	3421	3425	3430	rBV	312206	438322	4.13%	1.004%
16	23.097	3430	3436	3446	rVB	1088718	1869229	17.61%	4.281%
17	23.621	3520	3525	3533	rVB	292598	498218	4.69%	1.141%
18	24.286	3633	3638	3648	rVB	265940	516446	4.87%	1.183%
19	25.062	3766	3770	3782	rVB	165361	365300	3.44%	0.837%

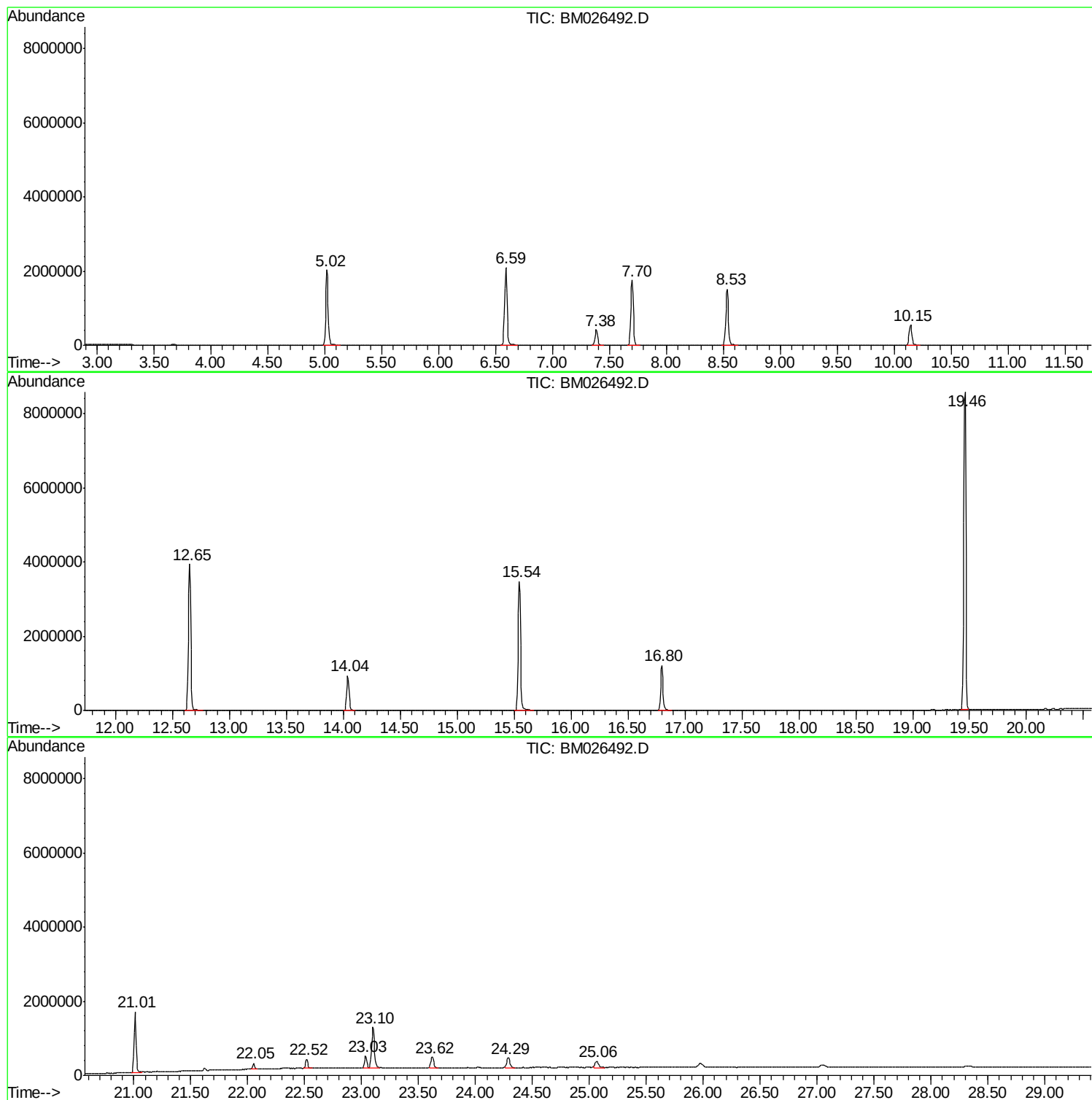
Sum of corrected areas: 43664279

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM060520.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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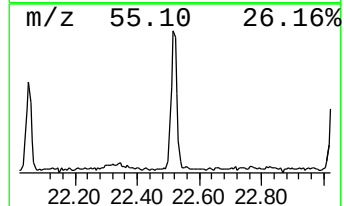
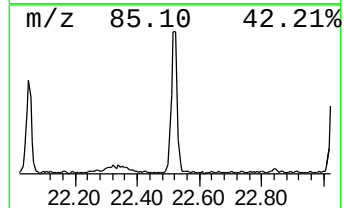
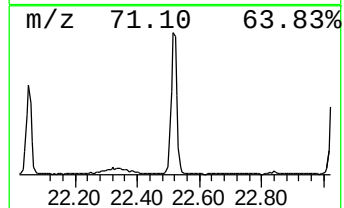
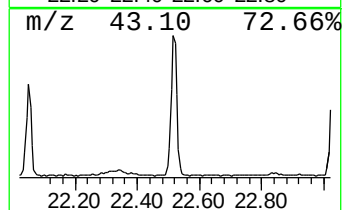
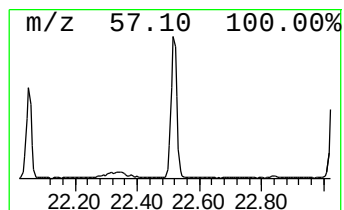
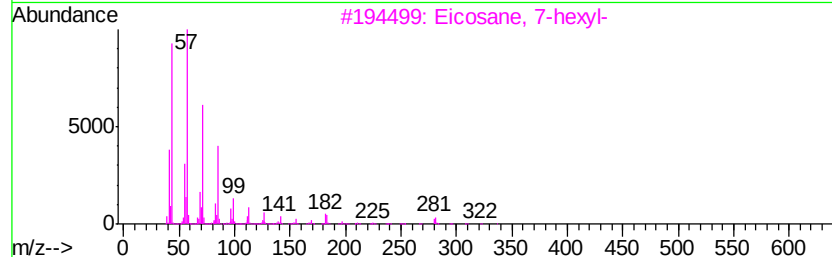
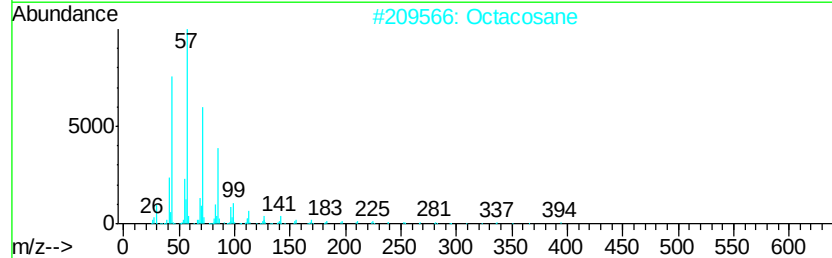
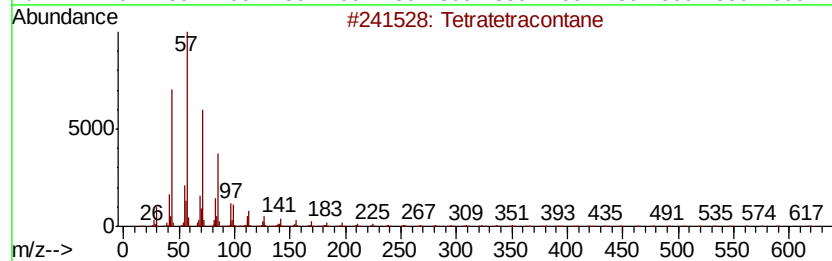
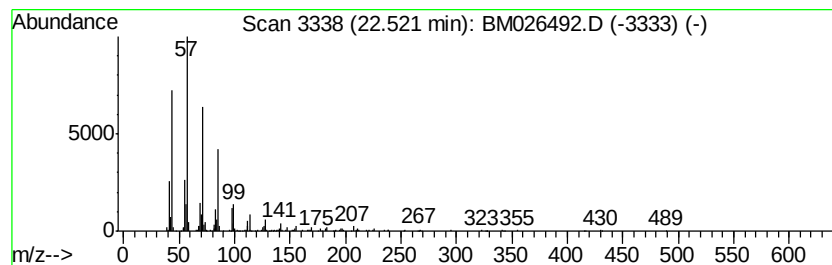
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM060520.M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 Tetratetracontane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.52	3.52 ng	328990	Perylene-d12	23.10

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tetratetracontane	619	C44H90	007098-22-8	91
2		Octacosane	394	C28H58	000630-02-4	91
3		Eicosane, 7-hexyl-	366	C26H54	055333-99-8	91
4		Hexatriacontane	507	C36H74	000630-06-8	91
5		Pentacosane	352	C25H52	000629-99-2	91



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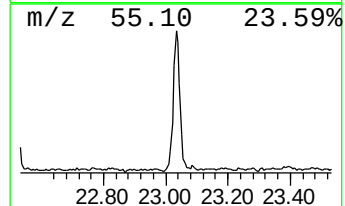
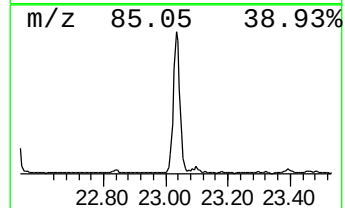
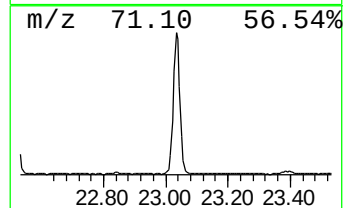
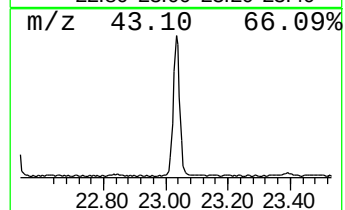
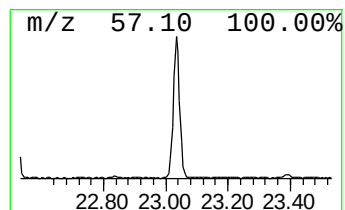
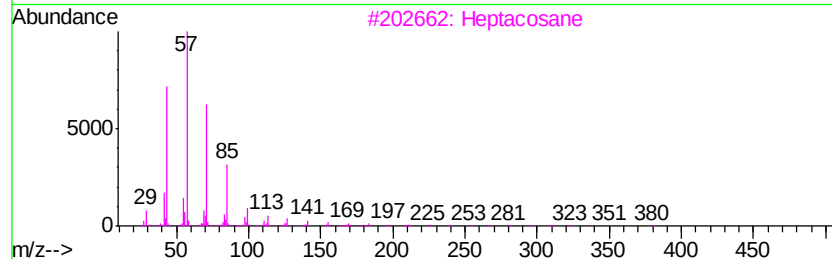
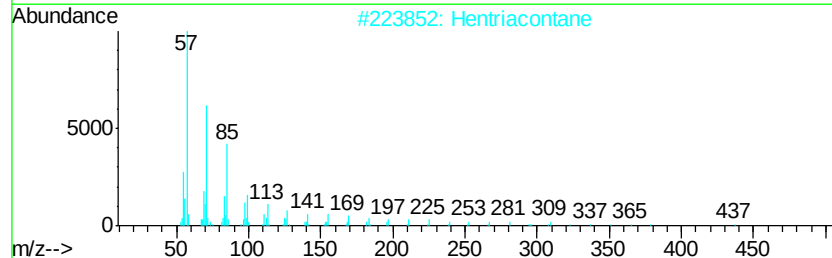
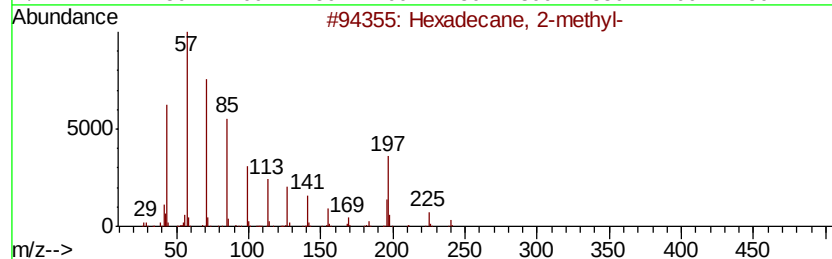
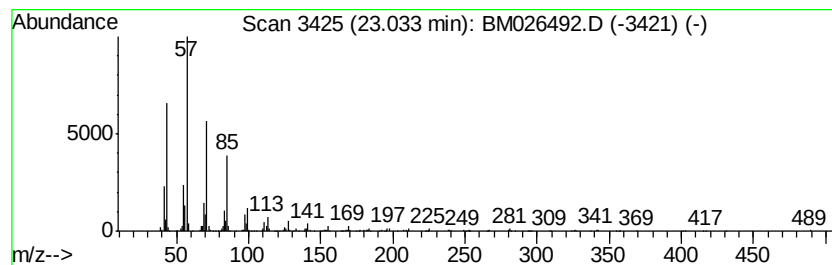
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM060520.M
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TIC Library : C:\DATABASE\NIST11.L
 TIC Integration Parameters: LSCINT.P

 Peak Number 3 Hexadecane, 2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.03	4.69 ng	438322	Perylene-d12	23.10

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexadecane, 2-methyl-	240	C17H36	001560-92-5	91
2		Hentriacontane	437	C31H64	000630-04-6	91
3		Heptacosane	380	C27H56	000593-49-7	90
4		Octacosane	394	C28H58	000630-02-4	90
5		Heneicosane	296	C21H44	000629-94-7	90



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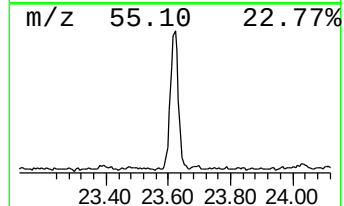
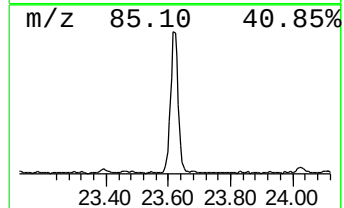
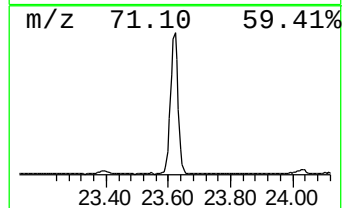
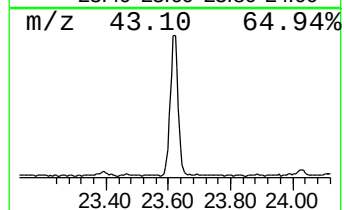
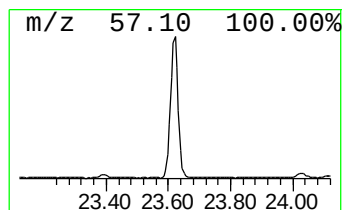
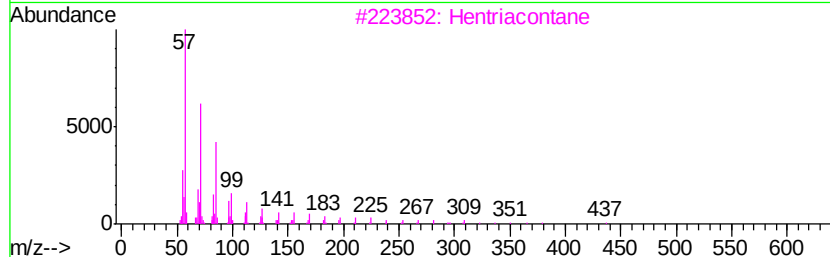
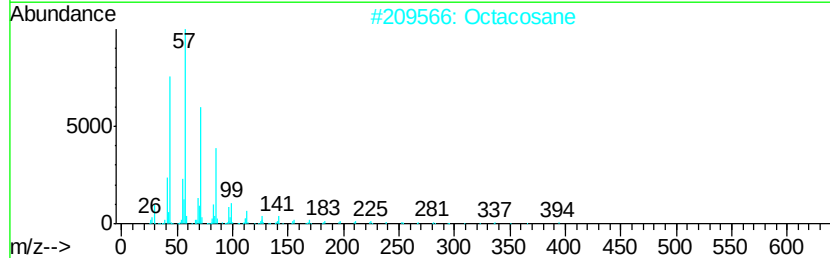
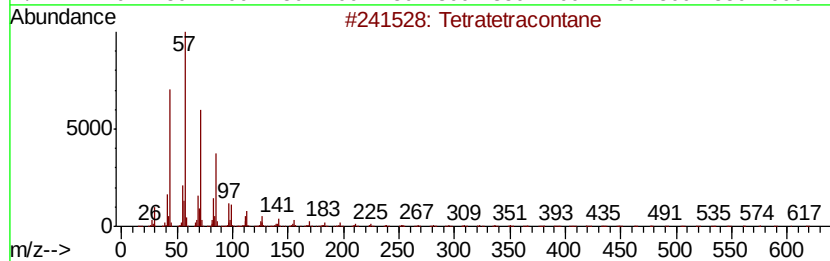
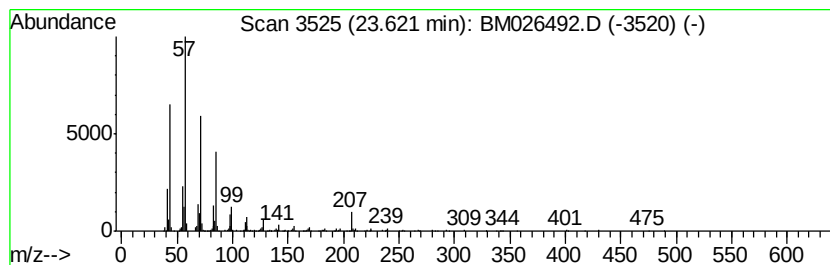
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Peak Number 4 Octacosane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.62	5.33 ng	498218	Perylene-d12	23.10

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Tetratetracontane	619	C44H90	007098-22-8	87
2		Octacosane	394	C28H58	000630-02-4	87
3		Hentriacontane	437	C31H64	000630-04-6	87
4		Heptadecane, 9-octyl-	352	C25H52	007225-64-1	87
5		Heptacosane	380	C27H56	000593-49-7	87



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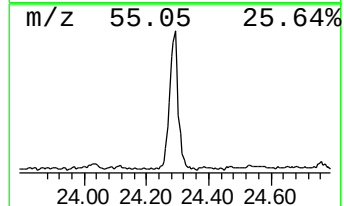
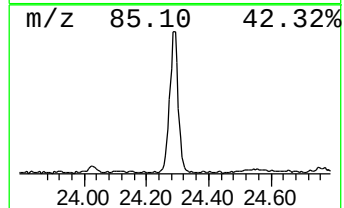
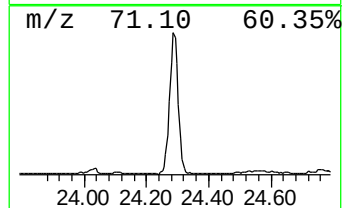
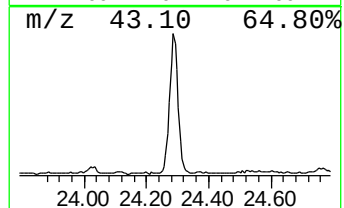
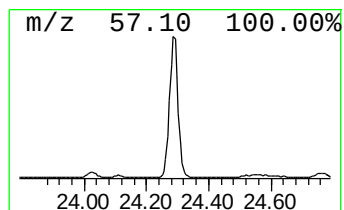
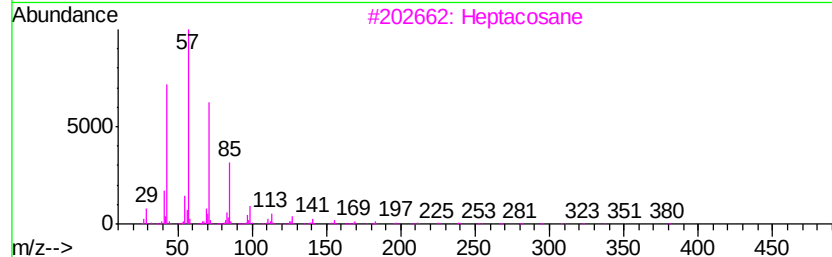
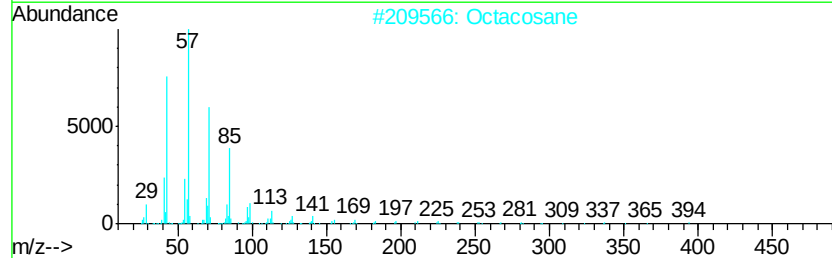
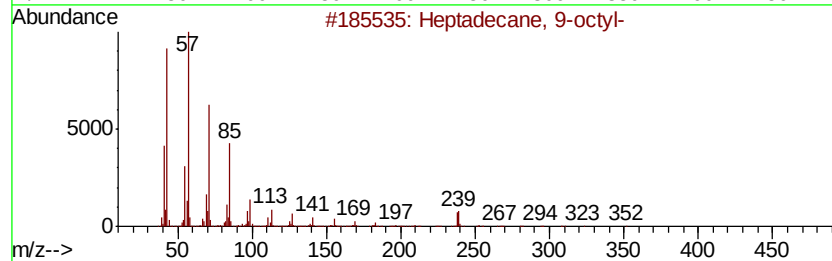
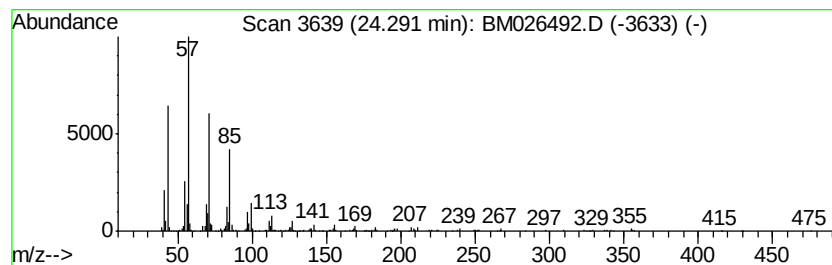
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Peak Number 5 Heptadecane, 9-octyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.29	5.53 ng	516446	Perylene-d12	23.10

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	90	
2	Octacosane	394	C28H58	000630-02-4	90	
3	Heptacosane	380	C27H56	000593-49-7	90	
4	Eicosane, 7-hexyl-	366	C26H54	055333-99-8	87	
5	Tetracosane	338	C24H50	000646-31-1	87	



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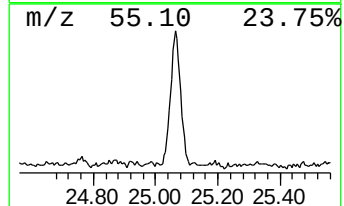
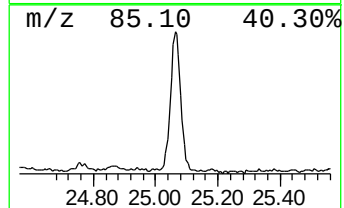
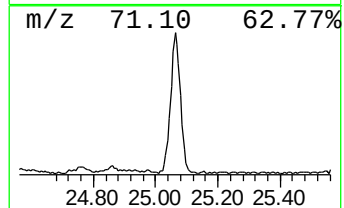
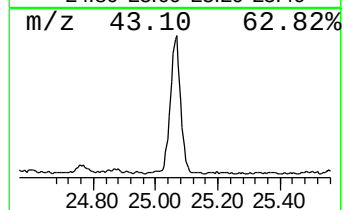
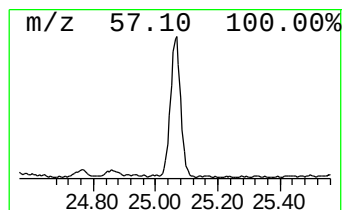
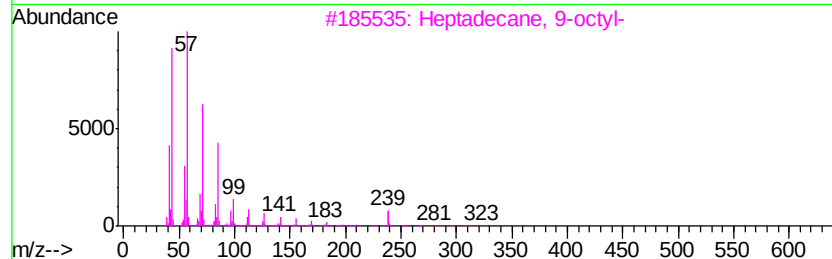
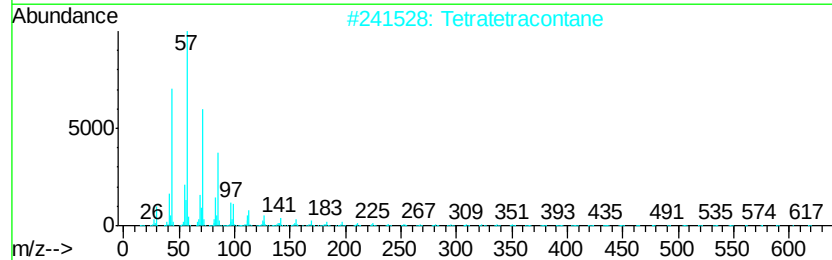
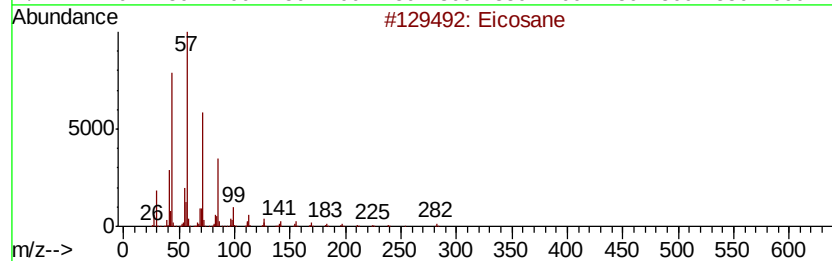
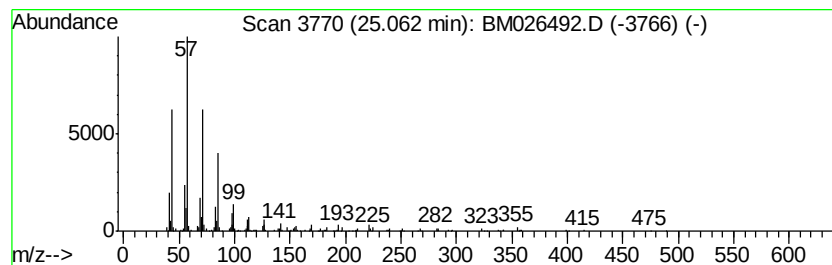
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Peak Number 6 Eicosane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.06	3.91 ng	365300	Perylene-d12	23.10

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane		282	C20H42	000112-95-8	96
2	Tetratetracontane		619	C44H90	007098-22-8	90
3	Heptadecane, 9-octyl-		352	C25H52	007225-64-1	90
4	Tetracosane		338	C24H50	000646-31-1	90
5	Octacosane		394	C28H58	000630-02-4	90



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Tetratetracontane	22.52	3.5	ng	328990	6	23.10	1869230	20.0
Hexadecane, 2-met...	23.03	4.7	ng	438322	6	23.10	1869230	20.0
Octacosane	23.62	5.3	ng	498218	6	23.10	1869230	20.0
Heptadecane, 9-oc...	24.29	5.5	ng	516446	6	23.10	1869230	20.0
Eicosane	25.06	3.9	ng	365300	6	23.10	1869230	20.0