

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111725\
 Data File : BF144264.D
 Acq On : 17 Nov 2025 13:21
 Operator : RC/JU
 Sample : PB170576BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB170576BL

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

Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF144264.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.122	488	498	506	rBV	16649	29401	1.24%	0.198%
2	5.498	556	562	577	rBV	1362420	1892542	79.91%	12.770%
3	6.498	726	732	749	rBV	1325354	1921481	81.13%	12.965%
4	6.863	789	794	804	rVB	309009	390416	16.48%	2.634%
5	7.428	884	890	910	rBV	884059	1237167	52.24%	8.348%
6	8.145	1007	1012	1031	rBV	377566	498772	21.06%	3.366%
7	9.222	1189	1195	1201	rBV	1660214	2312243	97.63%	15.602%
8	9.904	1306	1311	1326	rBV	470800	592943	25.04%	4.001%
9	10.698	1440	1446	1470	rBV	1198056	1615693	68.22%	10.902%
10	11.398	1559	1565	1572	rBV	475378	621935	26.26%	4.197%
11	12.986	1829	1835	1840	rBV	1781245	2368326	100.00%	15.981%
12	14.045	2010	2015	2028	rBV	308192	405902	17.14%	2.739%
13	15.151	2198	2203	2210	rBV	24347	41820	1.77%	0.282%
14	15.527	2260	2267	2276	rBV	291120	500472	21.13%	3.377%
15	15.974	2338	2343	2350	rVB	32424	59125	2.50%	0.399%
16	16.492	2425	2431	2440	rVB2	33793	70746	2.99%	0.477%
17	17.092	2527	2533	2540	rBV3	23453	57332	2.42%	0.387%
18	17.203	2545	2552	2568	rVB	37557	144263	6.09%	0.973%
19	17.803	2649	2654	2667	rVB3	21671	59449	2.51%	0.401%

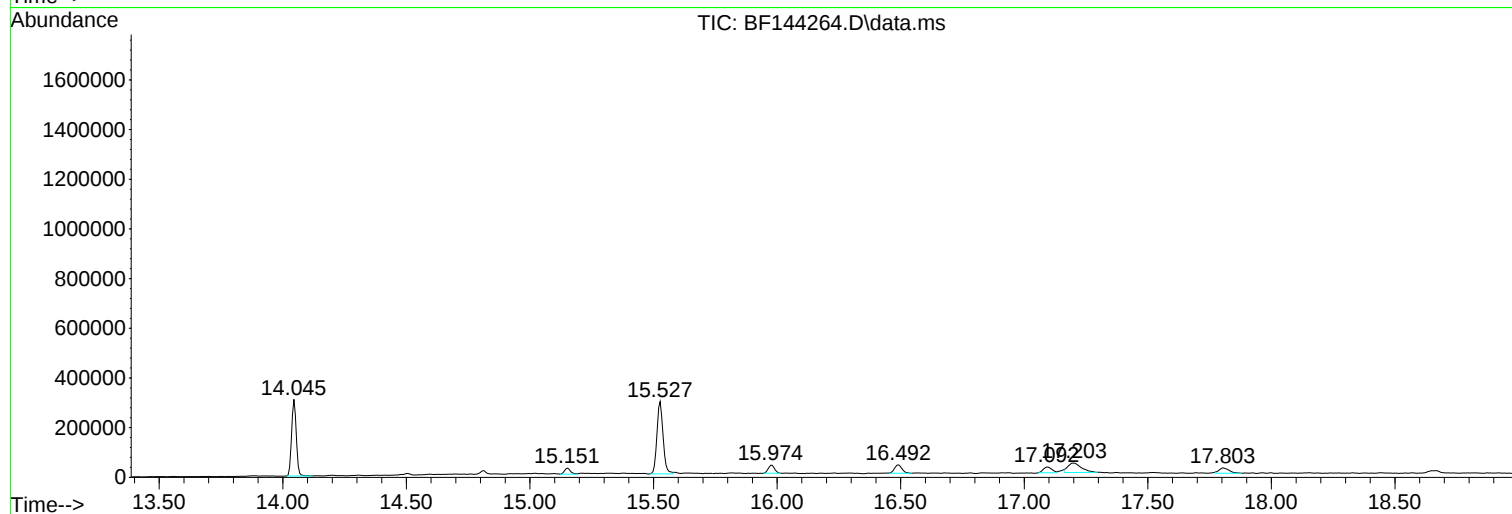
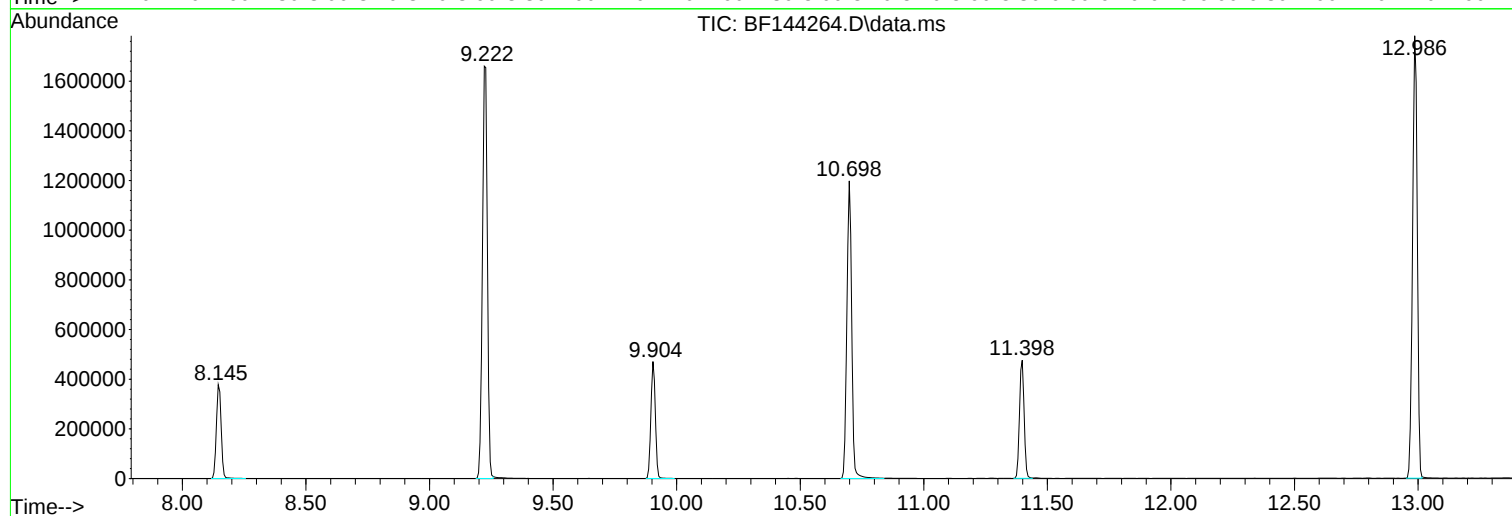
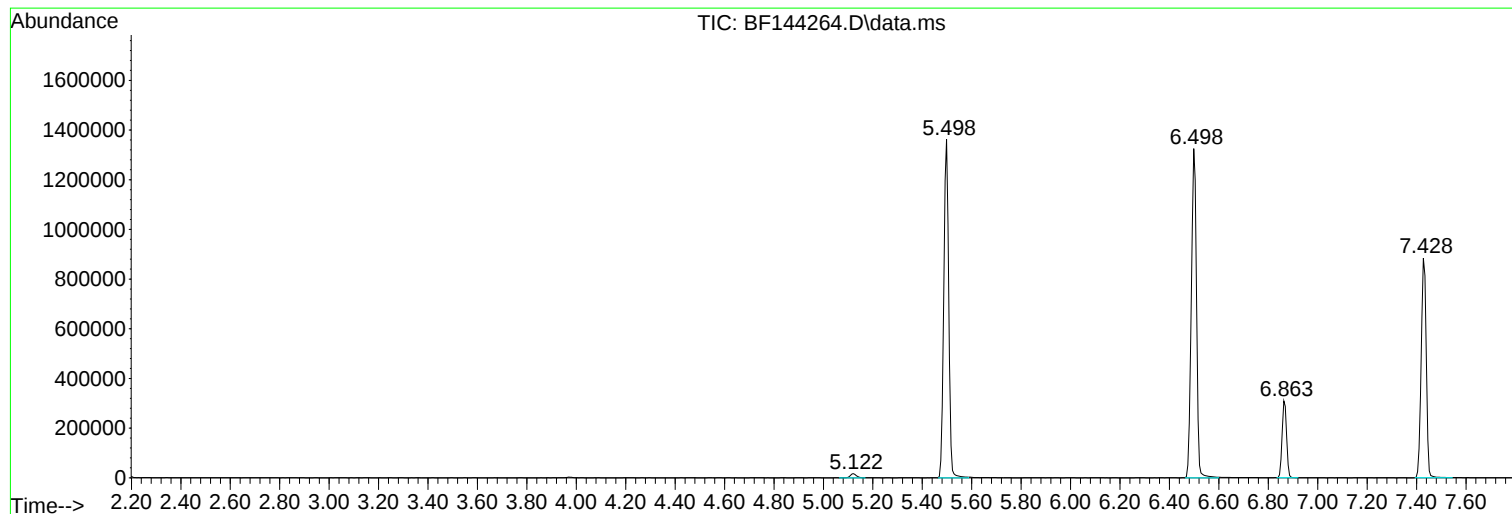
Sum of corrected areas: 14820028

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111725\
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P



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Instrument :
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ClientSampleId :
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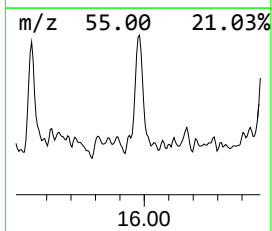
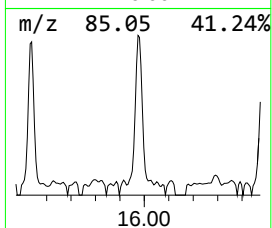
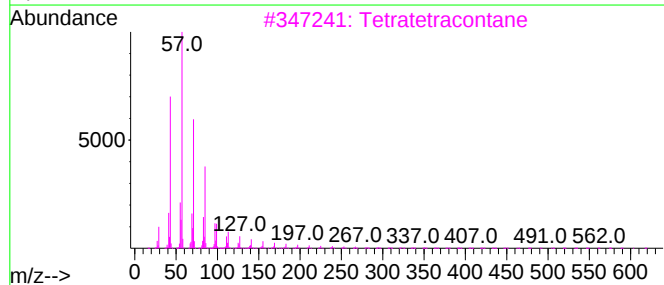
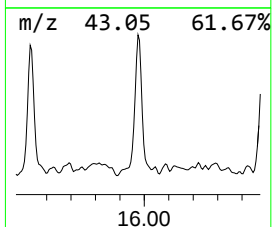
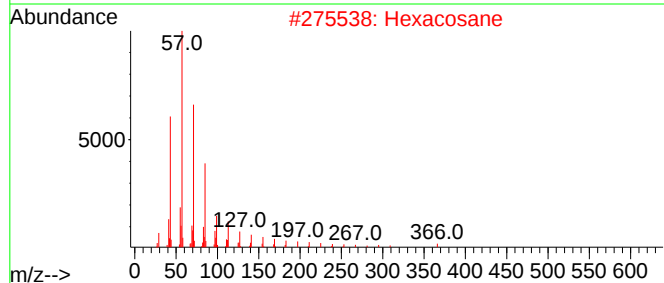
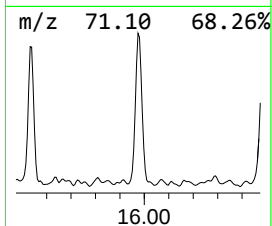
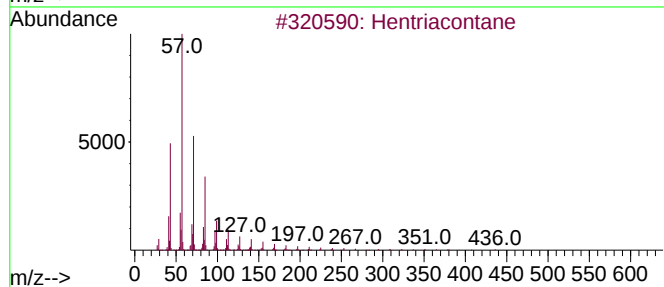
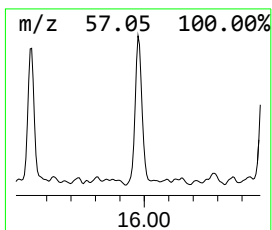
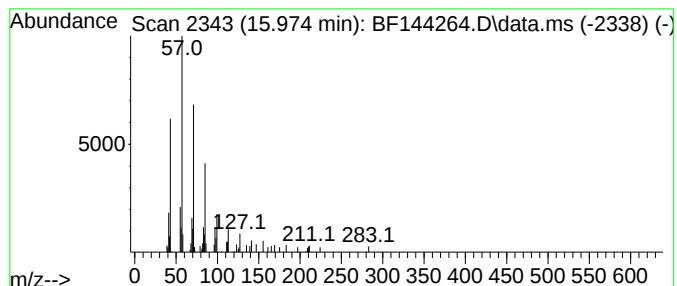
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 Hentriacontane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.974	2.36 ng	59125	Perylene-d12	15.527

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hentriacontane	437	C31H64	000630-04-6	91
2			Hexacosane	366	C26H54	000630-01-3	91
3			Tetratetracontane	619	C44H90	007098-22-8	91
4			Octacosane	394	C28H58	000630-02-4	90
5			Heneicosane	296	C21H44	000629-94-7	90



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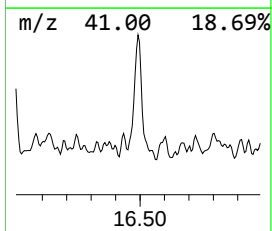
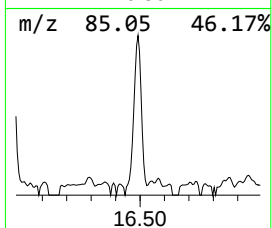
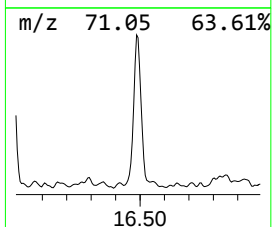
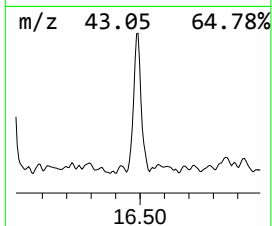
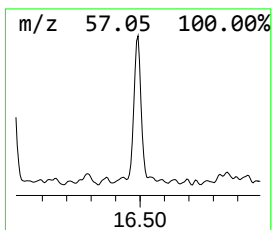
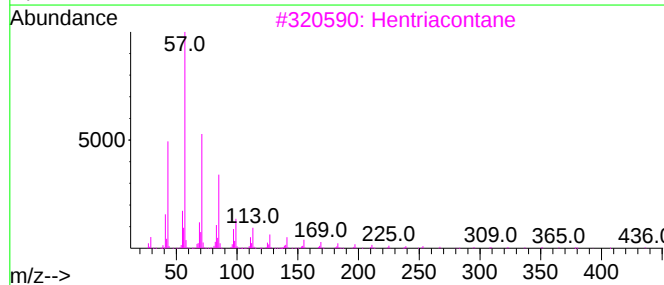
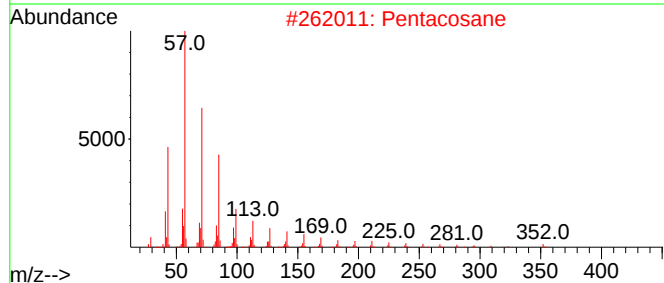
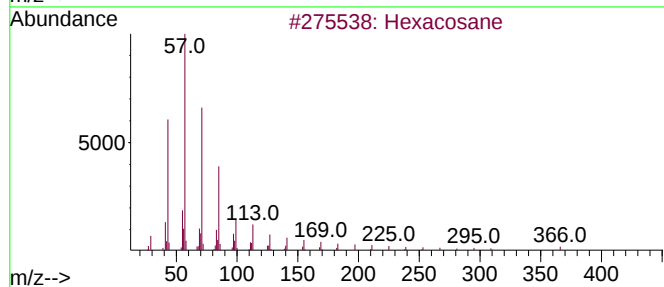
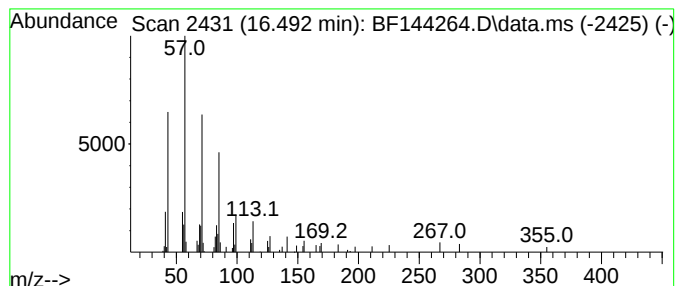
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 Hexacosane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.492	2.83 ng	70746	Perylene-d12	15.527

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Hexacosane	366	C26H54	000630-01-3	90
2		Pentacosane	352	C25H52	000629-99-2	90
3		Hentriacontane	437	C31H64	000630-04-6	90
4		Dotriacontane, 1-iodo-	576	C32H65I	1000406-32-4	87
5		Octacosane	394	C28H58	000630-02-4	87



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Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB170576BL

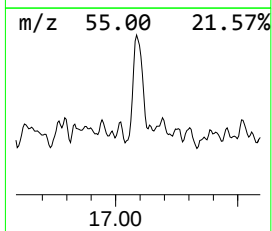
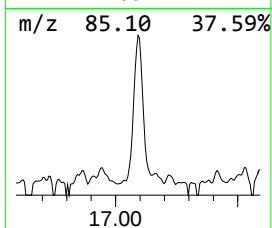
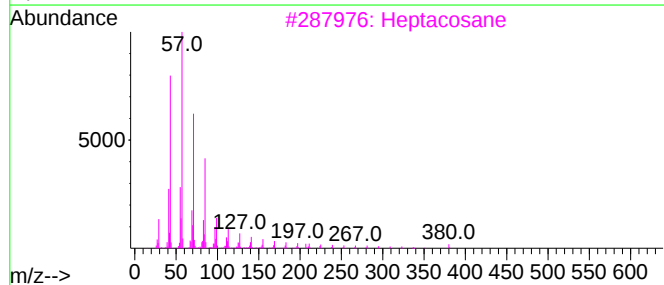
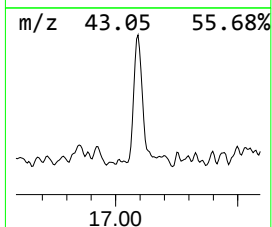
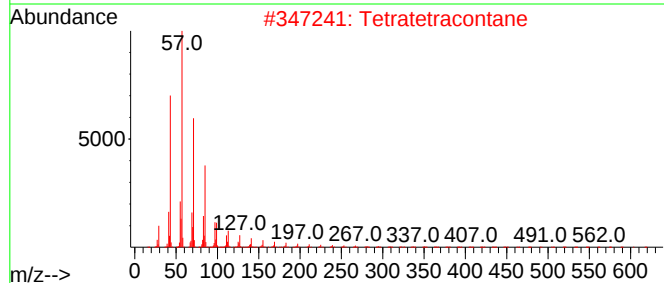
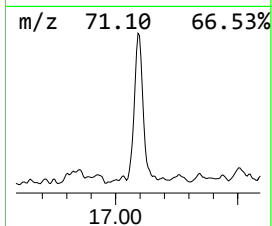
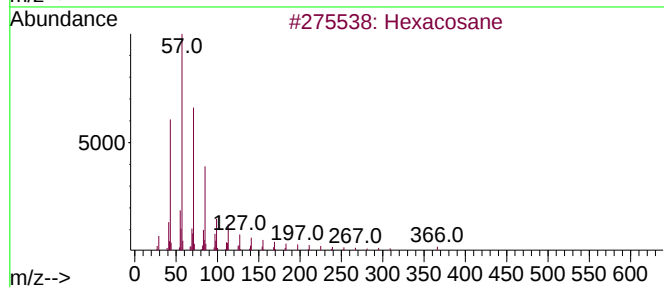
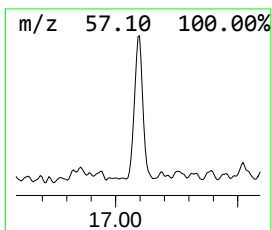
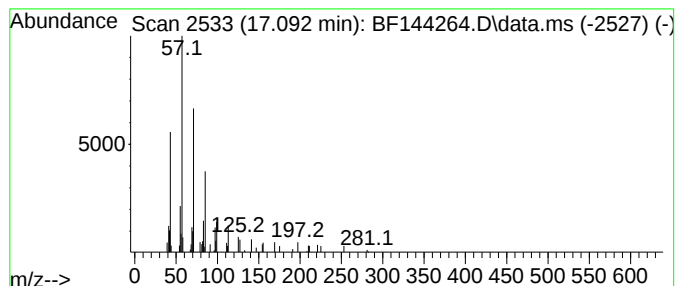
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Tetratetracontane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.092	2.29 ng	57332	Perylene-d12	15.527

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexacosane	366	C26H54	000630-01-3	87
2			Tetratetracontane	619	C44H90	007098-22-8	86
3			Heptacosane	380	C27H56	000593-49-7	86
4			Hentriacontane	437	C31H64	000630-04-6	86
5			Octacosane, 2-methyl-	408	C29H60	001560-98-1	86



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Data File : BF144264.D
Acq On : 17 Nov 2025 13:21
Operator : RC/JU
Sample : PB170576BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

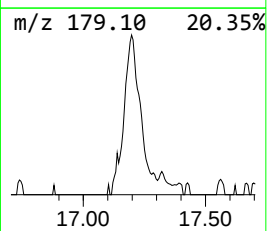
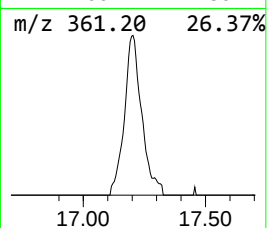
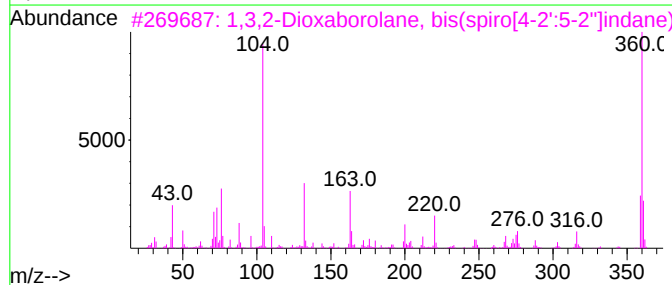
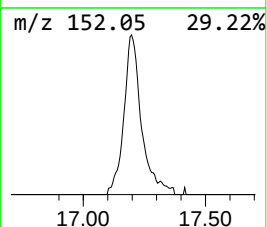
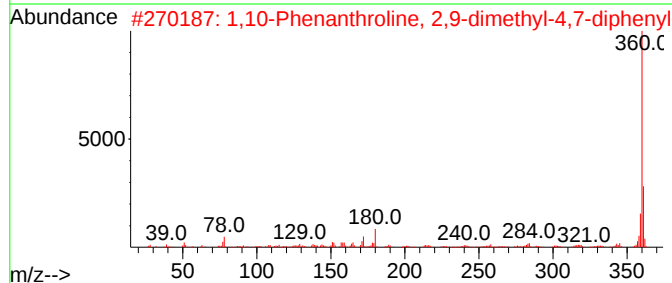
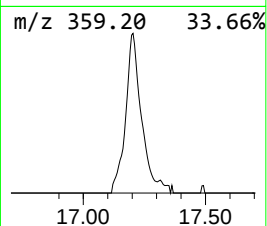
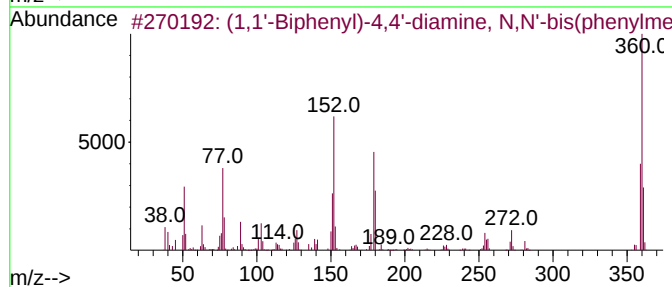
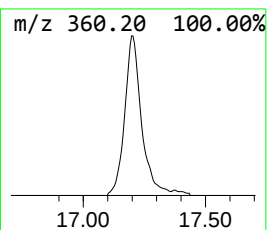
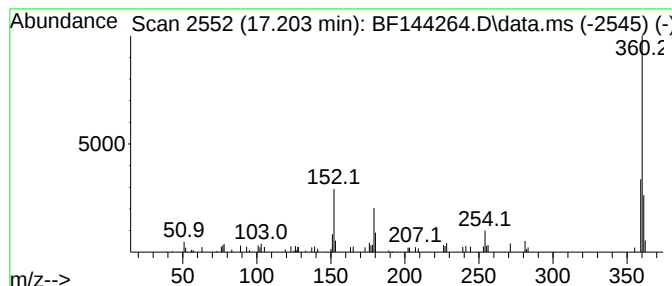
Instrument :
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 (1,1'-Biphenyl)-4,4'-diamin... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.	
17.203	5.77 ng	144263	Perylene-d12	15.527	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(1,1'-Biphenyl)-4,4'-diamine, N,N'-di-2-Naphthyl-p-phenylenediamine	360	C26H20N2	006311-48-4	93
2	1,10-Phenanthroline, 2,9-dimethyl-10,10-dihydro-1,10-phenanthroline	360	C26H20N2	004733-39-5	52
3	1,3,2-Dioxaborolane, bis(spiro[4.5]undec-5-en-2-ylidene)-	360	C20H13B06	1000150-23-7	50
4	Jaceidin	360	C18H16O8	010173-01-0	50
5	N,N'-di-2-Naphthyl-p-phenylenediamine	360	C26H20N2	000093-46-9	49



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ClientSampleId :
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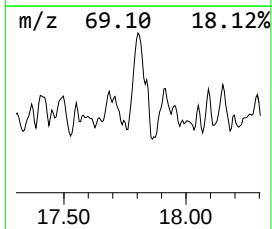
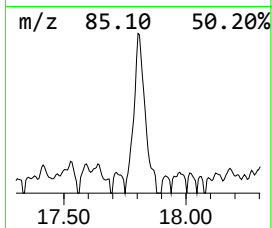
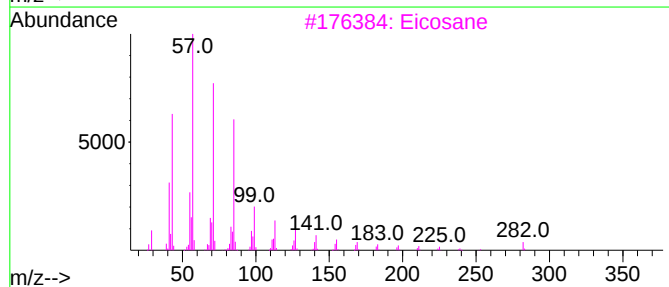
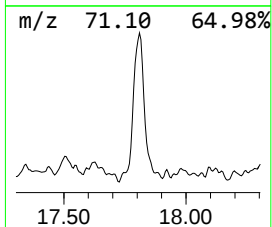
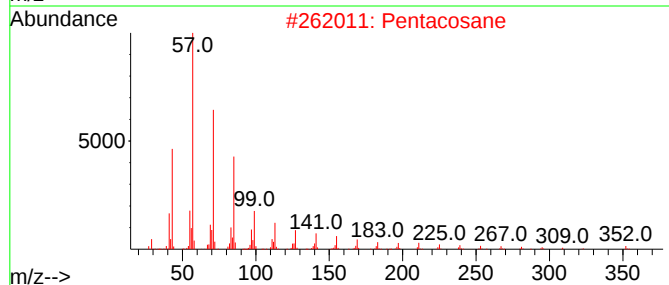
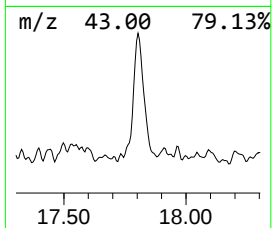
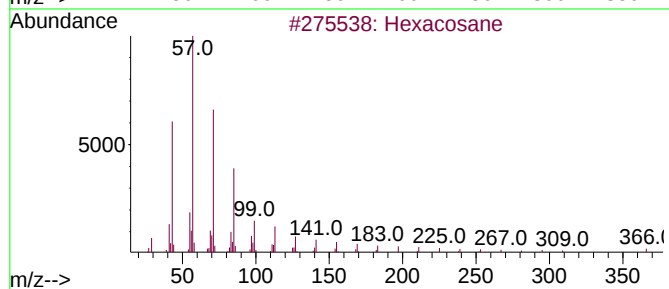
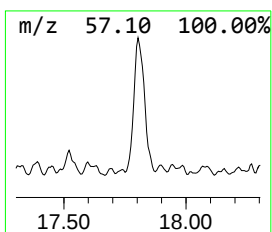
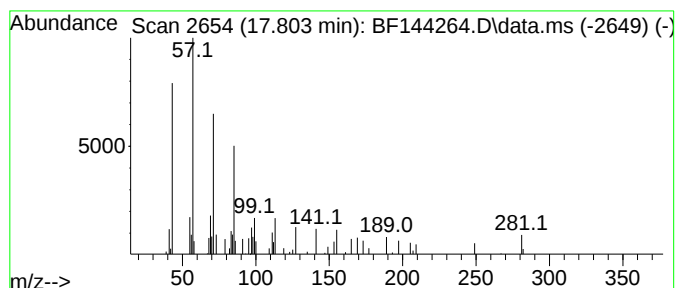
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TIC Library : C:\Database\NIST20.L
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Peak Number 5 Pentacosane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.804	2.38 ng	59449	Perylene-d12	15.527

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexacosane	366	C26H54	000630-01-3	86
2			Pentacosane	352	C25H52	000629-99-2	83
3			Eicosane	282	C20H42	000112-95-8	81
4			Octacosane	394	C28H58	000630-02-4	80
5			Tetracosane	338	C24H50	000646-31-1	80



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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Hentriacontane	15.974	2.4	ng	59125	6	15.527	500472	20.0
Hexacosane	16.492	2.8	ng	70746	6	15.527	500472	20.0
Tetratetracontane	17.092	2.3	ng	57332	6	15.527	500472	20.0
(1,1'-Biphenyl)...	17.203	5.8	ng	144263	6	15.527	500472	20.0
Pentacosane	17.804	2.4	ng	59449	6	15.527	500472	20.0