

Data Path : T:\svoasrv\HPCHEM1\BNA_F\Data\BF032425\
 Data File : BF142046.D
 Acq On : 24 Mar 2025 10:47
 Operator : RC/JU
 Sample : PB167228BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB167228BL

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 : T:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF031025.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF142046.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.240	18	25	32	rVB	49523	90123	1.23%	0.232%
2	4.010	318	326	334	rBV	63218	104479	1.43%	0.269%
3	5.504	573	580	585	rBV	3159278	4562450	62.49%	11.759%
4	6.498	742	749	754	rBV	3026661	4504953	61.71%	11.611%
5	6.875	807	813	818	rBV	760249	967343	13.25%	2.493%
6	7.434	901	908	926	rBV	2177673	3155142	43.22%	8.132%
7	8.151	1024	1030	1058	rBV	945718	1295399	17.74%	3.339%
8	9.228	1206	1213	1224	rBV	4748125	6584892	90.19%	16.971%
9	9.910	1322	1329	1339	rBV	1155883	1558672	21.35%	4.017%
10	10.698	1456	1463	1481	rBV	3470809	4616560	63.23%	11.898%
11	11.392	1576	1581	1589	rBV	1208823	1622605	22.23%	4.182%
12	12.645	1789	1794	1799	rVB	100492	120775	1.65%	0.311%
13	12.798	1815	1820	1825	rBV	190402	234957	3.22%	0.606%
14	12.980	1845	1851	1857	rBV	5340692	7300755	100.00%	18.816%
15	13.504	1934	1940	1944	rBV	129651	163521	2.24%	0.421%
16	14.033	2024	2030	2041	rBV	713220	969494	13.28%	2.499%
17	15.510	2274	2281	2297	rBV	386143	723058	9.90%	1.864%
18	17.121	2548	2555	2581	rVB2	46042	224640	3.08%	0.579%

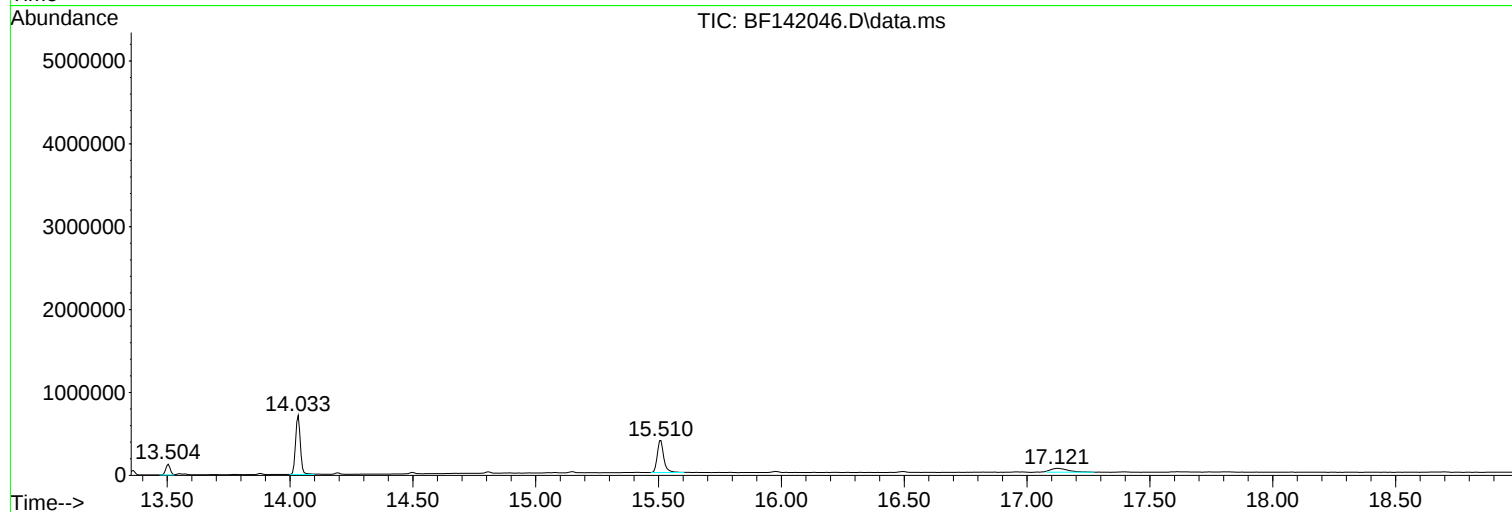
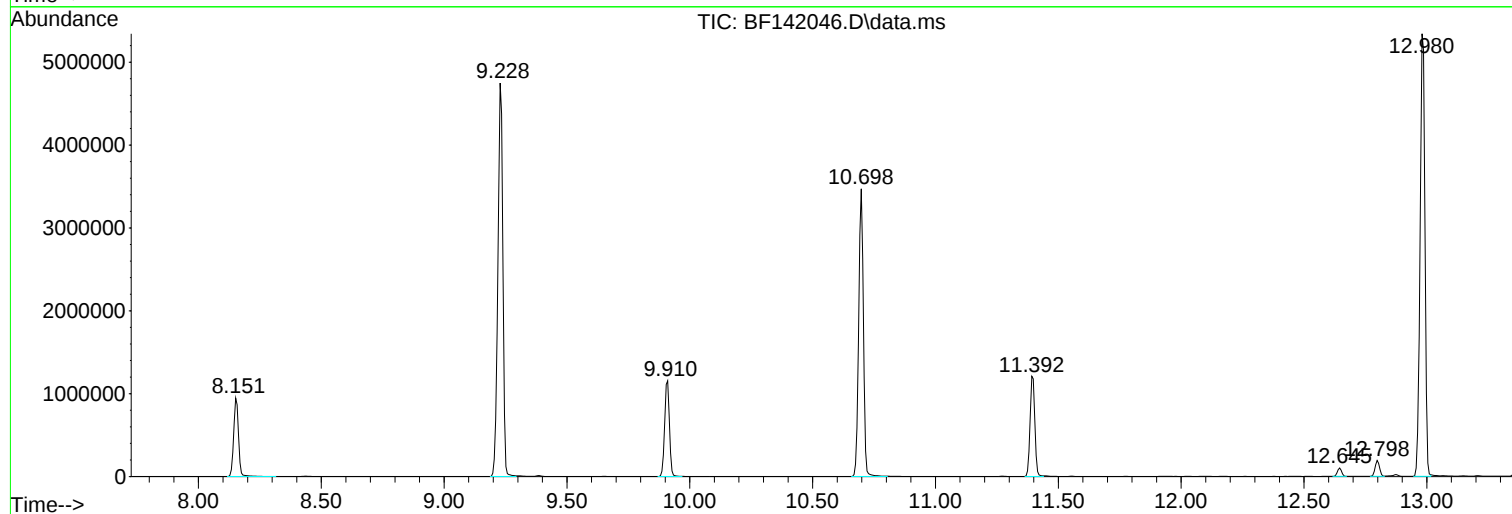
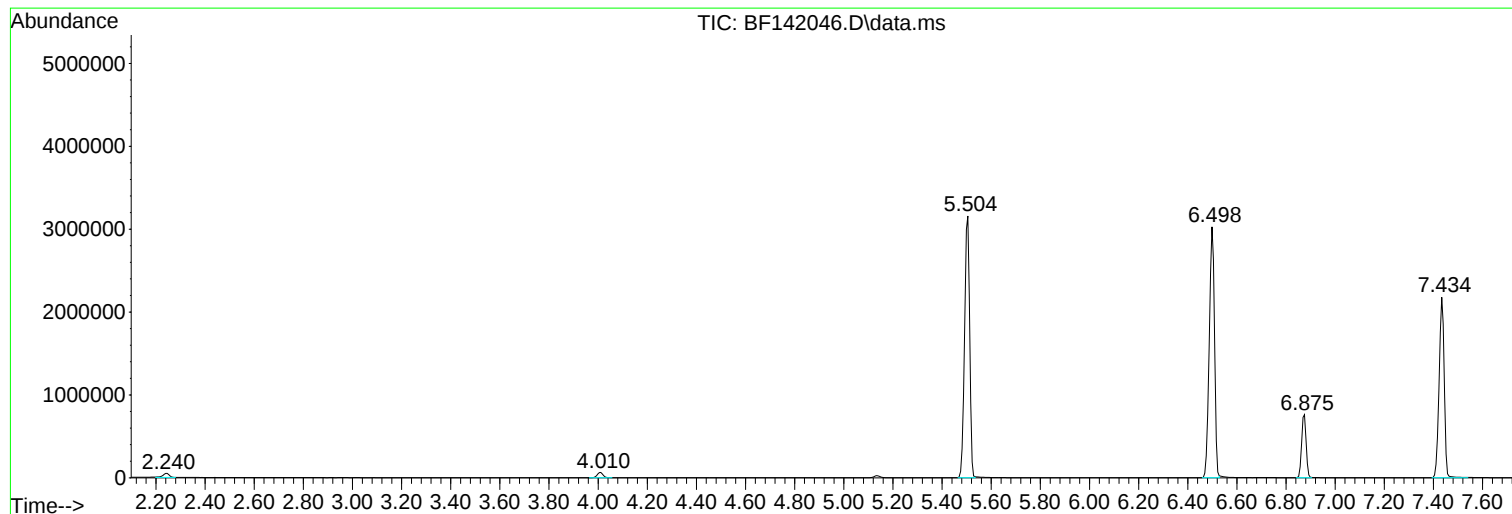
Sum of corrected areas: 38799818

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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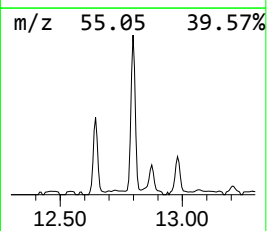
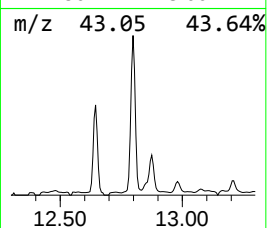
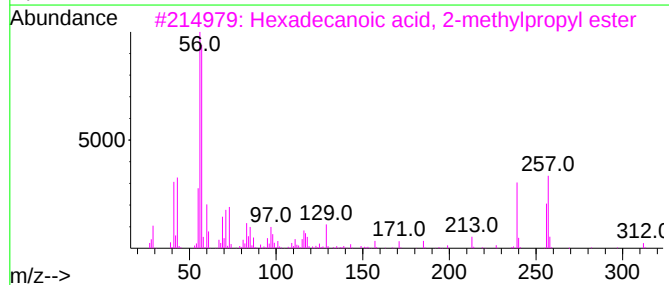
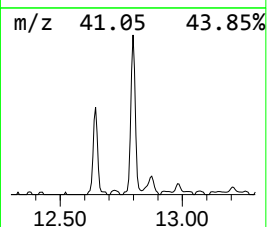
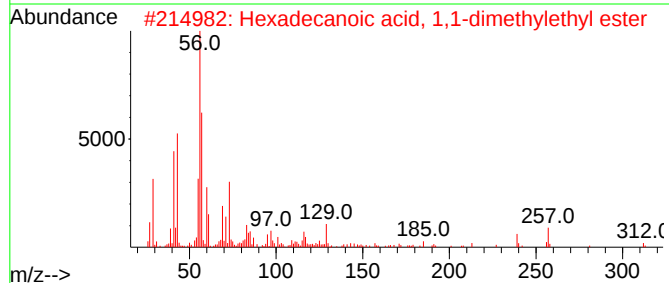
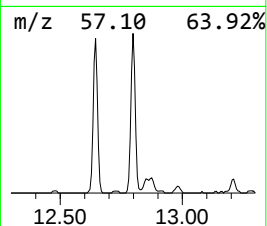
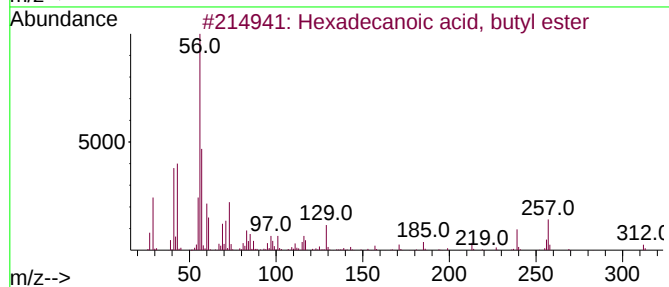
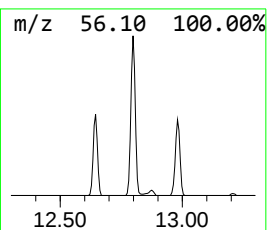
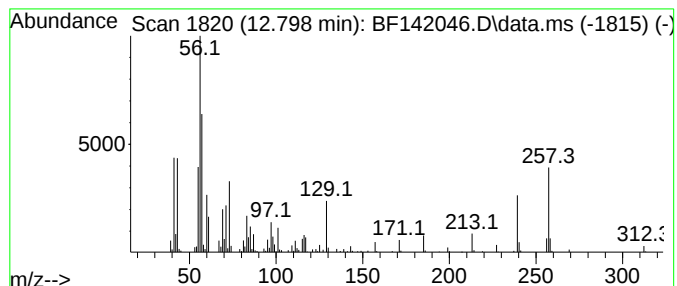
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF031025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 2 Hexadecanoic acid, butyl ester Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.798	4.85 ng	234957	Chrysene-d12	14.033

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexadecanoic acid, butyl ester	312	C20H40O2	000111-06-8	96
2			Hexadecanoic acid, 1,1-dimethyle...	312	C20H40O2	031158-91-5	95
3			Hexadecanoic acid, 2-methylpropy...	312	C20H40O2	000110-34-9	93
4			Nipecotic acid	129	C6H11NO2	000498-95-3	43
5			1-Pentadecene, 2-methyl-	224	C16H32	029833-69-0	27



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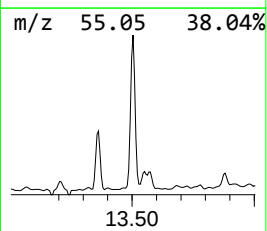
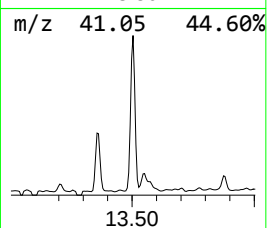
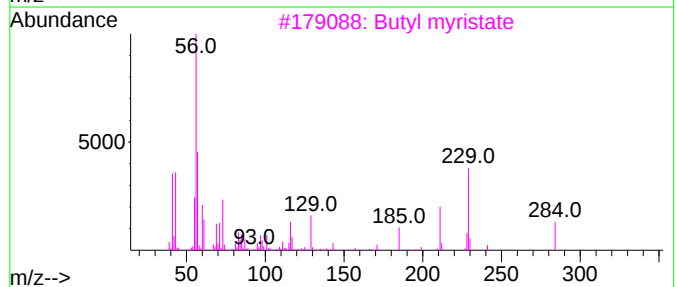
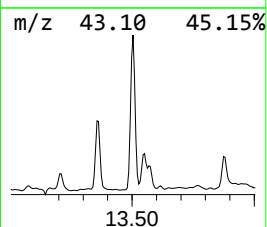
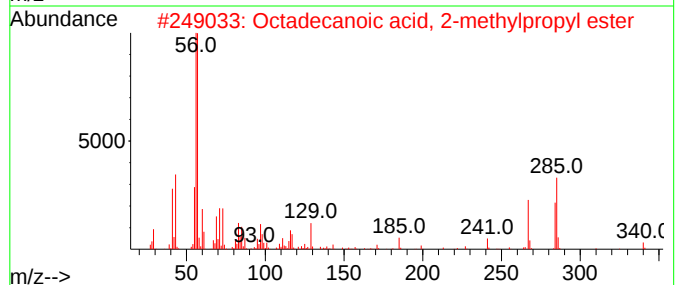
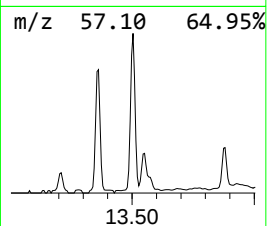
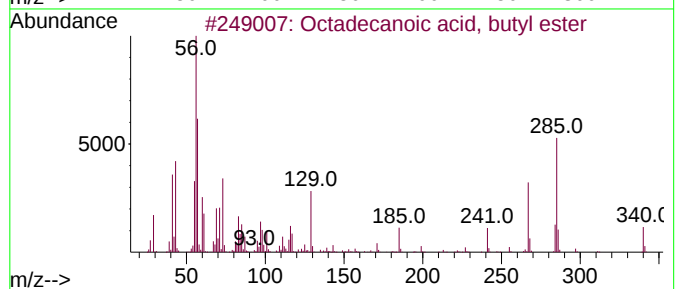
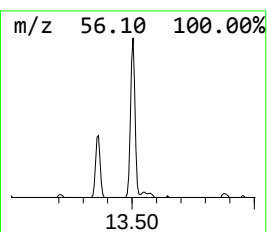
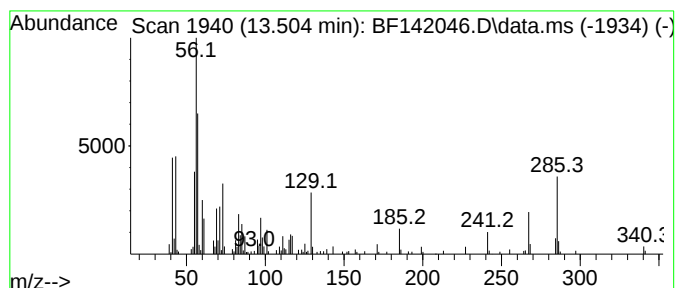
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Peak Number 3 Octadecanoic acid, butyl ester Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.504	3.37 ng	163521	Chrysene-d12	14.033

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octadecanoic acid, butyl ester	340	C22H44O2	000123-95-5	99
2			Octadecanoic acid, 2-methylpropy...	340	C22H44O2	000646-13-9	94
3			Butyl myristate	284	C18H36O2	000110-36-1	50
4			Nipecotic acid	129	C6H11NO2	000498-95-3	47
5			Docosanoic acid, isobutyl ester	396	C26H52O2	1000405-17-1	43



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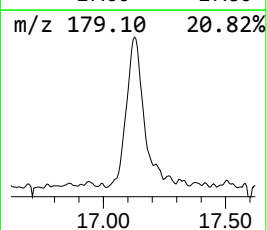
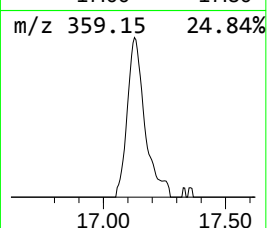
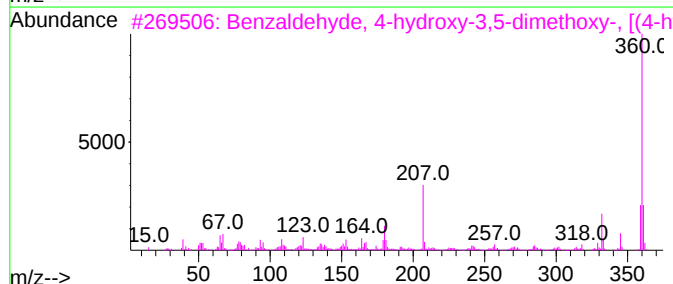
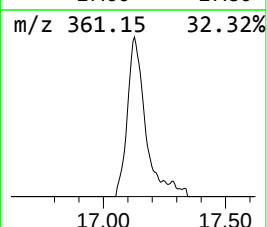
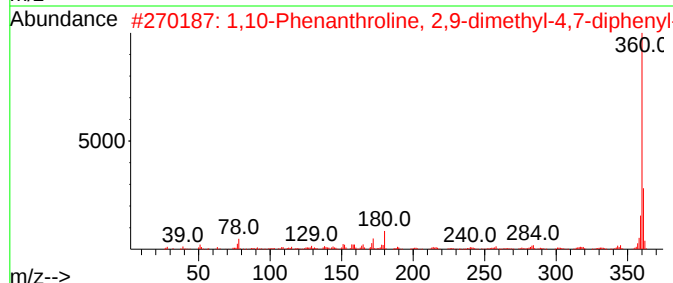
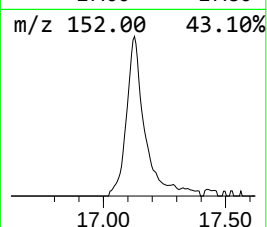
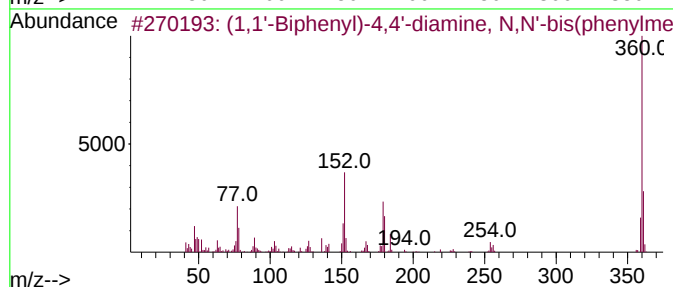
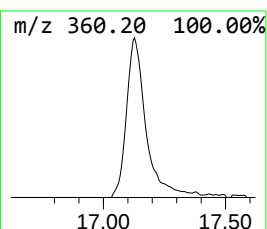
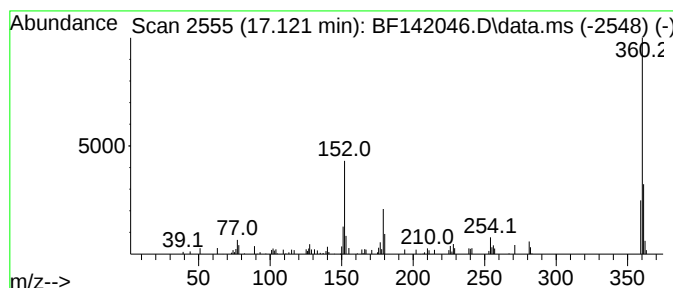
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Peak Number 4 (1,1'-Biphenyl)-4,4'-diamin... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.	
17.121	6.21 ng	224640	Perylene-d12	15.510	
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	91
2	1,10-Phenanthroline, 2,9-dimethyl-10,10-dihydro-1,10-phenanthroline	360	C26H20N2	004733-39-5	47
3	Benzaldehyde, 4-hydroxy-3,5-dimethoxybenzaldehyde	360	C18H20N2O6	014414-32-5	43
4	Pentacyclo[18.4.1.1(2,7).1(8,13).1(14,19)]nona-2,4,6,8,10,12,14,16,18-nonaene	360	C28H24	101077-60-5	43
5	N,N'-di-2-Naphthyl-p-phenylenediamine	360	C26H20N2	000093-46-9	43



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TIC Library : C:\Database\NIST20.L
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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Hexadecanoic ac...	12.798	4.8	ng	234957	5	14.033	969494	20.0
Octadecanoic ac...	13.504	3.4	ng	163521	5	14.033	969494	20.0
(1,1'-Biphenyl)...	17.121	6.2	ng	224640	6	15.510	723058	20.0