

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052325\
 Data File : BF142550.D
 Acq On : 23 May 2025 22:21
 Operator : RC/JU
 Sample : Q2102-01 10X
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 LAW-25-0077

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-BF052025.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF142550.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	6.516	730	735	742	rBV	74706	92969	2.19%	0.722%
2	6.898	795	800	805	rBV	381515	459047	10.80%	3.565%
3	7.034	818	823	837	rBV	335444	425982	10.02%	3.309%
4	8.181	1011	1018	1024	rBV	420387	549426	12.92%	4.267%
5	9.204	1188	1192	1196	rVB	255758	328569	7.73%	2.552%
6	9.251	1197	1200	1204	rBV3	127750	176296	4.15%	1.369%
7	9.339	1211	1215	1219	rBV4	304348	538298	12.66%	4.181%
8	9.575	1251	1255	1259	rBV5	281762	564181	13.27%	4.382%
9	9.657	1265	1269	1273	rBV2	853555	1411950	33.21%	10.966%
10	9.810	1292	1295	1298	rBV4	385838	594798	13.99%	4.620%
11	9.851	1299	1302	1306	rVV2	540037	799716	18.81%	6.211%
12	10.604	1427	1430	1435	rVB	1628274	2219185	52.19%	17.236%
13	10.880	1473	1477	1484	rVB	2735023	4251758	100.00%	33.023%
14	15.568	2270	2274	2284	rVB	259284	462985	10.89%	3.596%

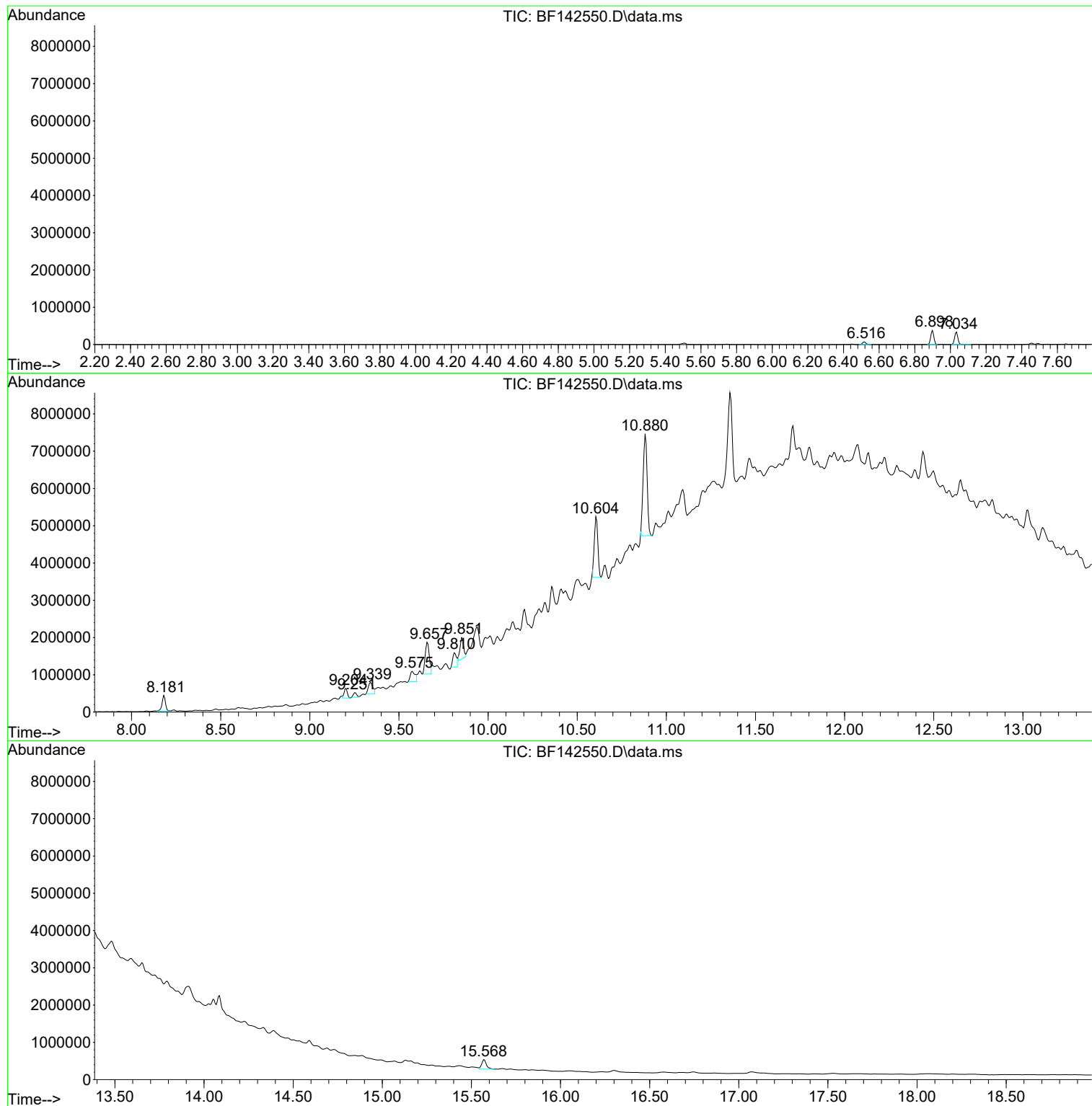
Sum of corrected areas: 12875160

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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052025.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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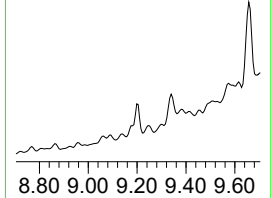
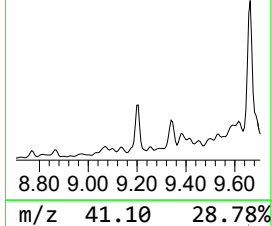
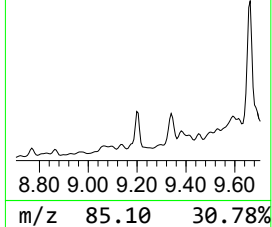
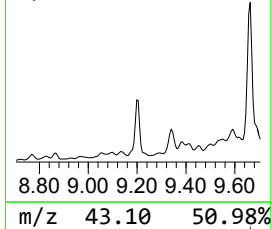
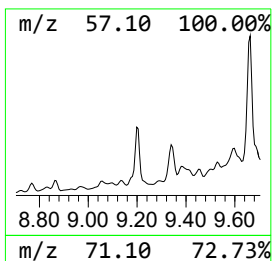
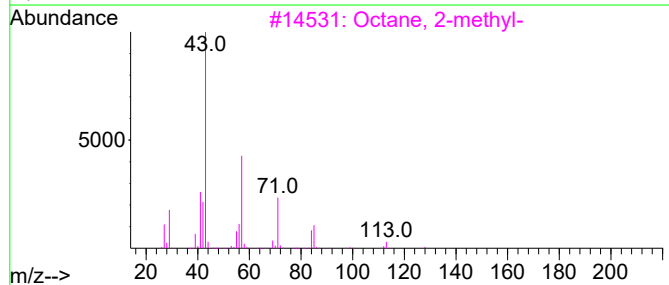
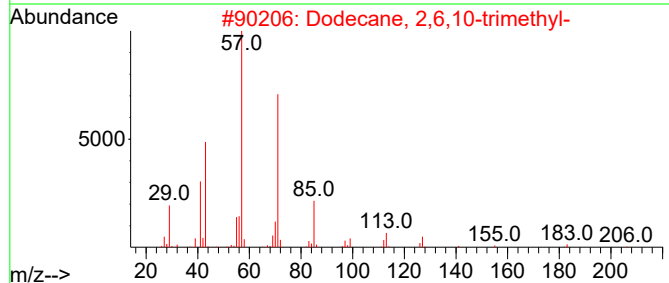
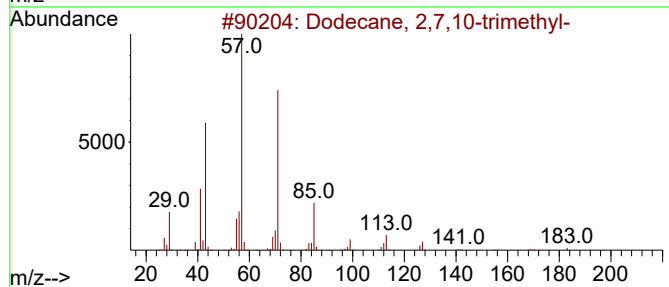
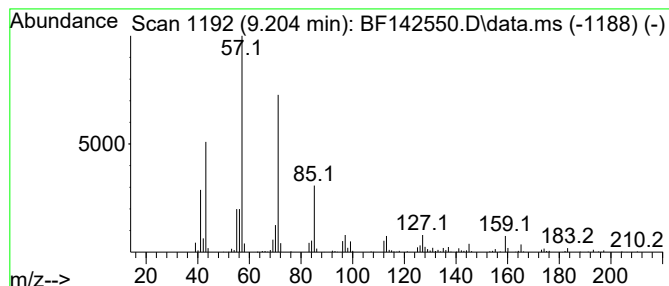
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 Dodecane, 2,7,10-trimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.204	8.22 ng	328569	Acenaphthene-d10	9.945

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	80
2			Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	80
3			Octane, 2-methyl-	128	C9H20	003221-61-2	59
4			Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	52
5			Octane, 3,5-dimethyl-	142	C10H22	015869-93-9	50



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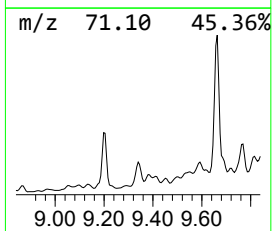
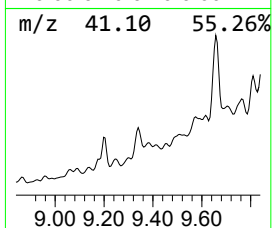
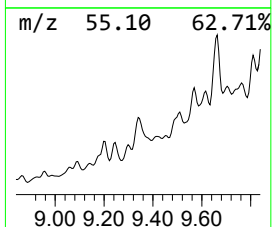
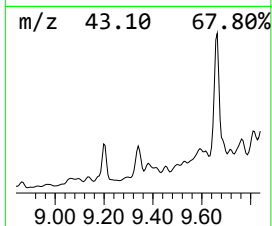
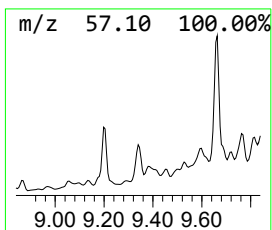
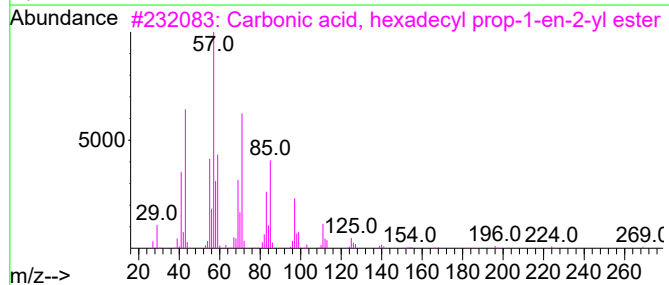
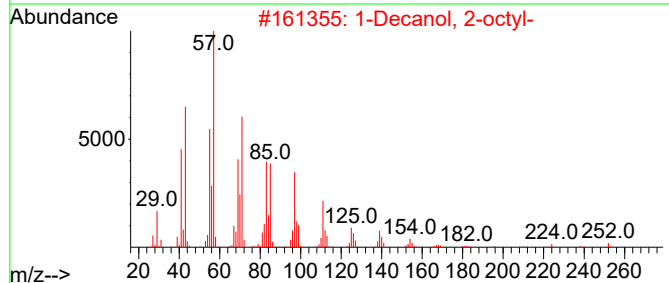
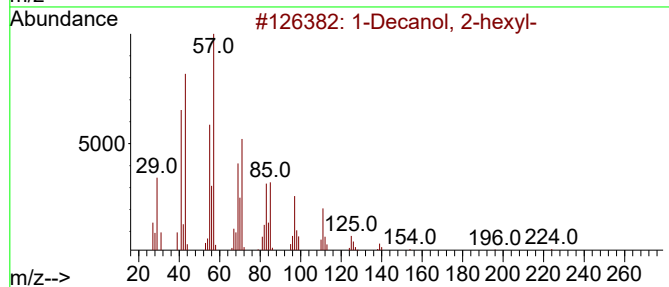
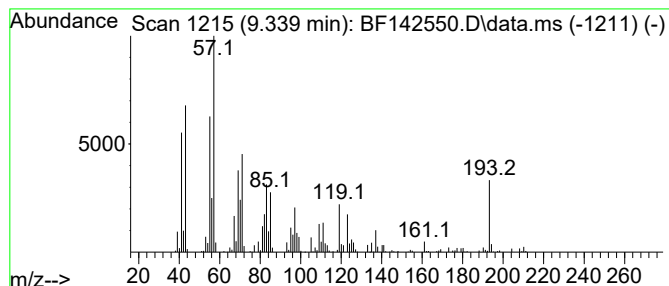
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TIC Library : C:\Database\NIST20.L
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Peak Number 2 unknown9.339 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.339	13.46 ng	538298	Acenaphthene-d10	9.945

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Decanol, 2-hexyl-			242	C16H34O	002425-77-6	49
2	1-Decanol, 2-octyl-			270	C18H38O	045235-48-1	46
3	Carbonic acid, hexadecyl prop-1-en-2-yl ester			326	C20H38O3	1000382-90-3	46
4	1-Dodecanol, 2-hexyl-			270	C18H38O	110225-00-8	46
5	1-Dodecanol, 2-octyl-			298	C20H42O	005333-42-6	46



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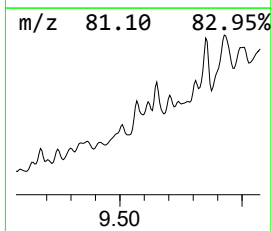
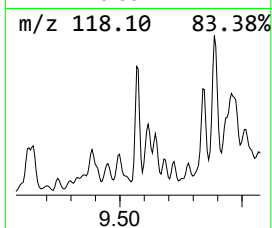
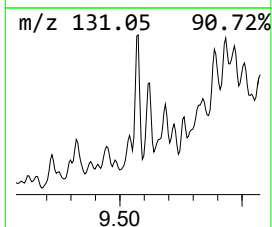
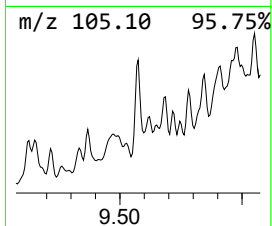
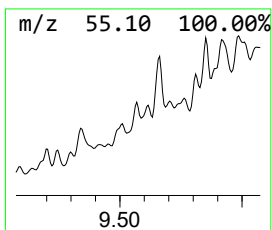
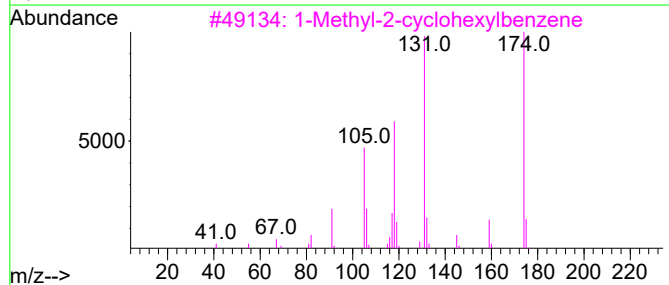
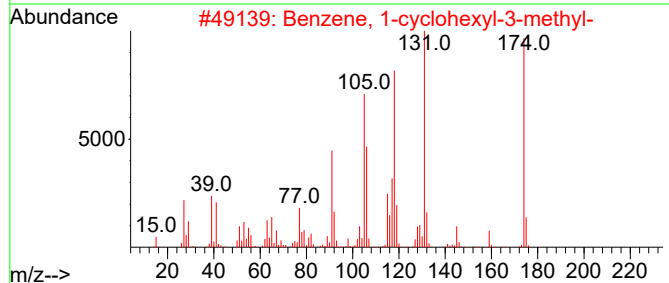
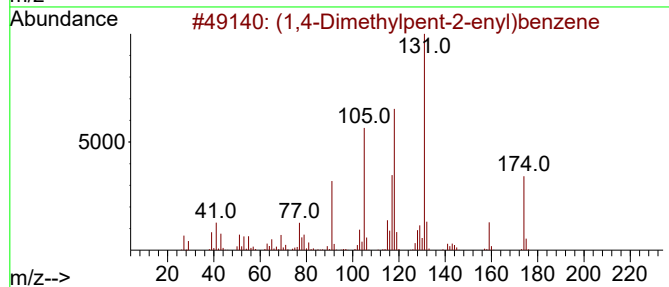
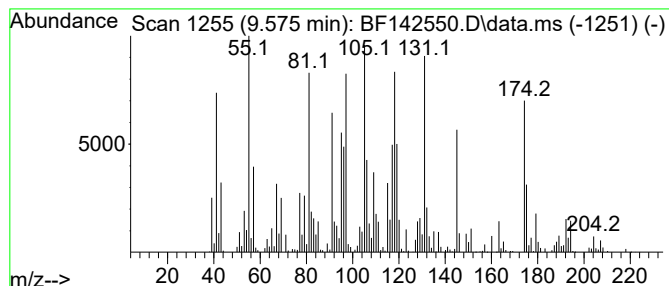
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Peak Number 3 (1,4-Dimethylpent-2-enyl)be... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.	
9.575	14.11 ng	564181	Acenaphthene-d10	9.945	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(1,4-Dimethylpent-2-enyl)benzene	174	C13H18	1000184-97-9	50
2	Benzene, 1-cyclohexyl-3-methyl-	174	C13H18	004575-46-6	50
3	1-Methyl-2-cyclohexylbenzene	174	C13H18	004501-35-3	38
4	1,2-Naphthalenediol, 2-ethyl-1,2...	206	C13H18O2	056588-34-2	27
5	Benzene, 1-ethenyl-4-methyl-	118	C9H10	000622-97-9	25



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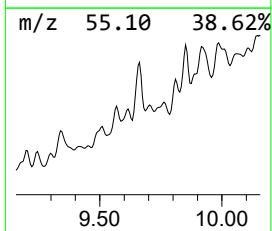
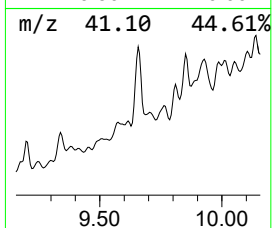
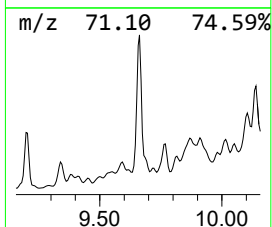
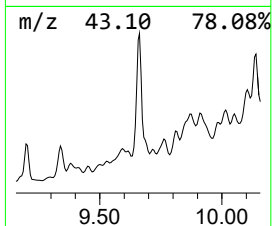
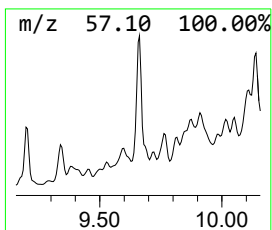
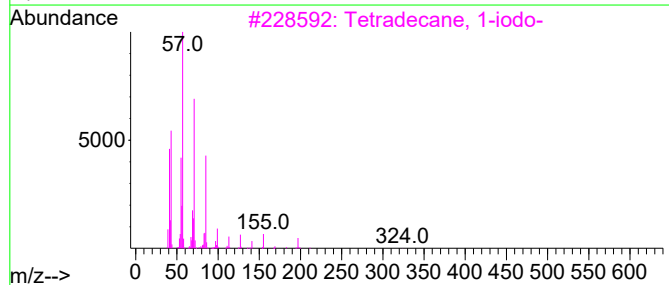
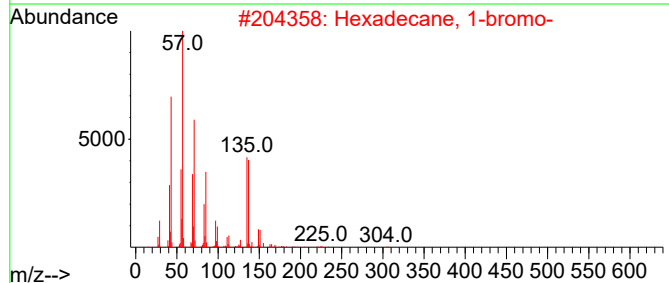
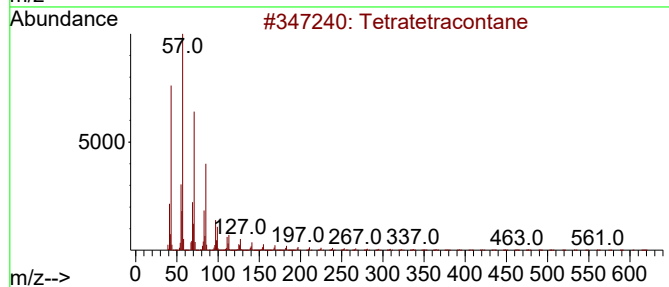
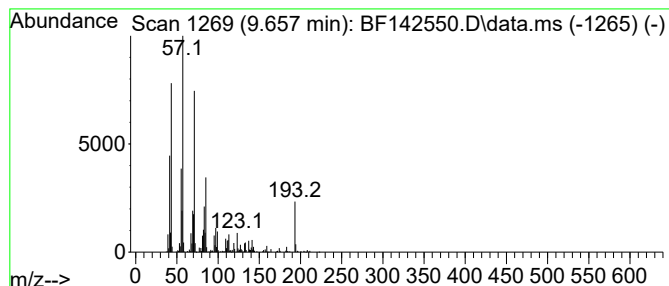
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Peak Number 4 Tetratetracontane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.657	35.31 ng	1411950	Acenaphthene-d10	9.945

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tetratetracontane	619	C44H90	007098-22-8	80
2			Hexadecane, 1-bromo-	304	C16H33Br	000112-82-3	72
3			Tetradecane, 1-iodo-	324	C14H29I	019218-94-1	64
4			Dodecane, 1-iodo-	296	C12H25I	004292-19-7	64
5			Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	64



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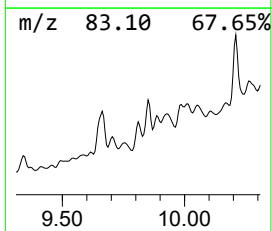
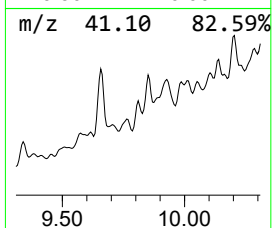
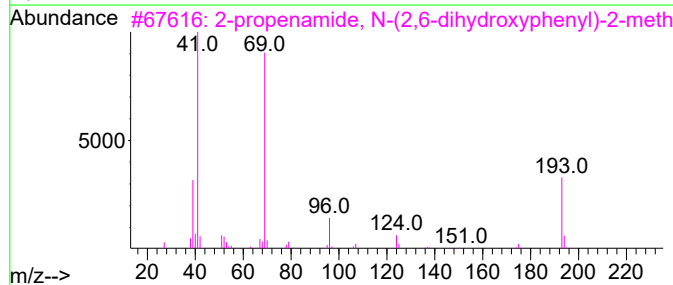
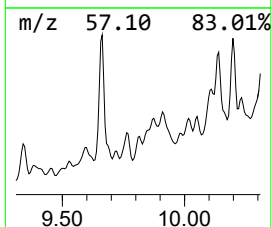
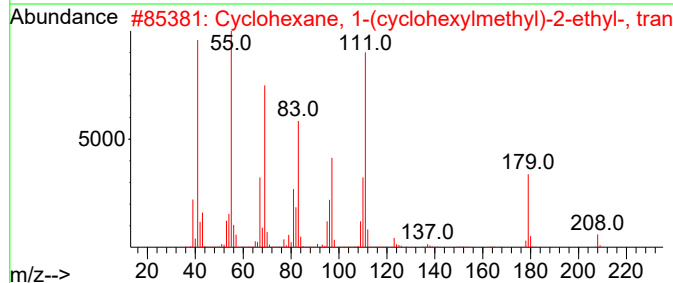
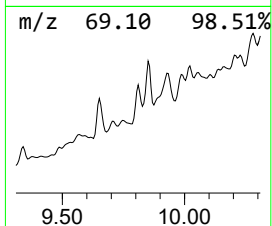
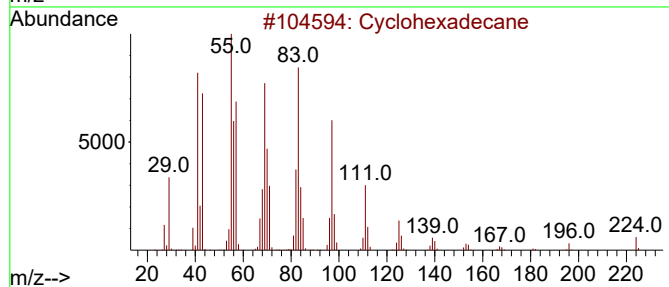
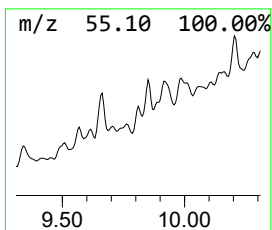
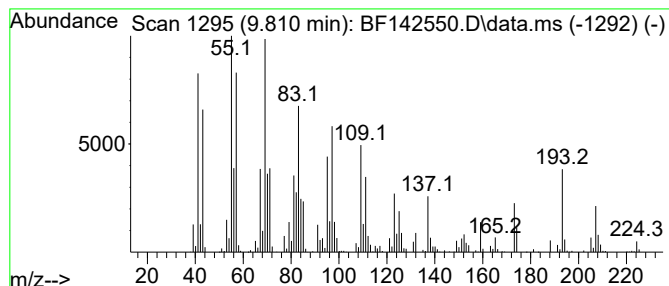
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TIC Library : C:\Database\NIST20.L
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Peak Number 5 unknown9.810 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.810	14.88 ng	594798	Acenaphthene-d10	9.945

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexadecane	224	C16H32	000295-65-8	44
2			Cyclohexane, 1-(cyclohexylmethyl)...	208	C15H28	054934-92-8	30
3			2-propenamide, N-(2,6-dihydroxyp...	193	C10H11NO3	1000395-98-7	25
4			1-Tricosene	322	C23H46	018835-32-0	25
5			1-Docosene	308	C22H44	001599-67-3	25



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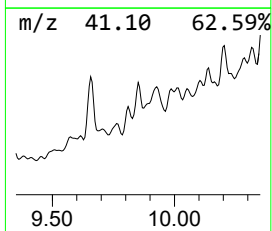
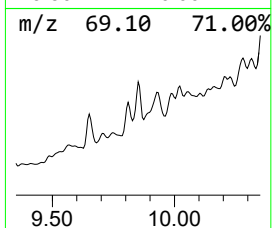
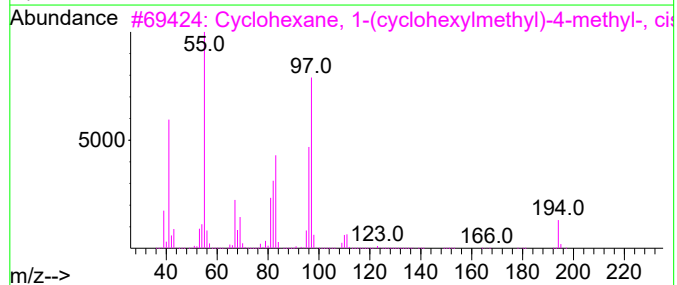
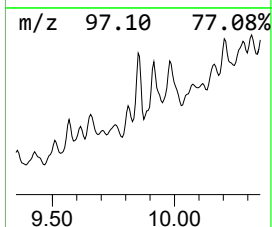
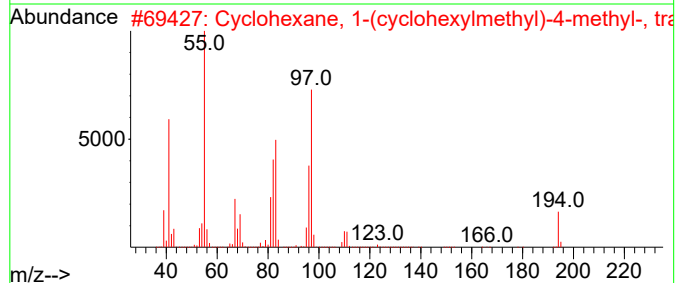
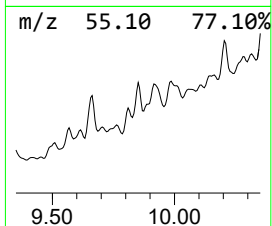
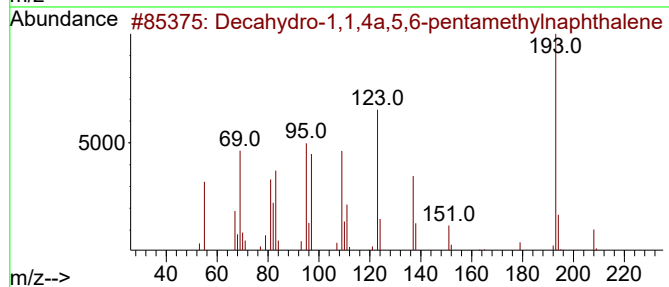
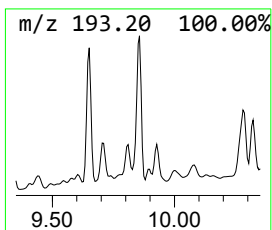
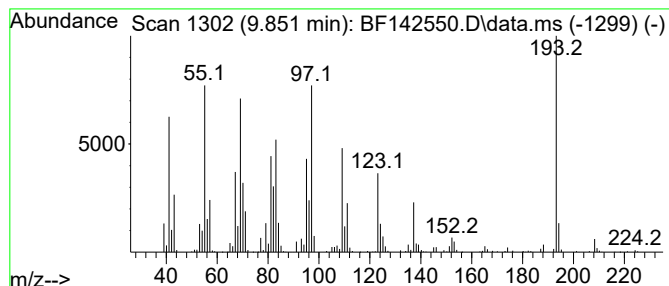
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 unknown9.851 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.851	20.00 ng	799716	Acenaphthene-d10	9.945

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Decahydro-1,1,4a,5,6-pentamethyl...	208	C15H28	080655-44-3	43
2			Cyclohexane, 1-(cyclohexylmethyl...	194	C14H26	054823-98-2	30
3			Cyclohexane, 1-(cyclohexylmethyl...	194	C14H26	054823-97-1	25
4			Iminostilbene	193	C14H11N	000256-96-2	25
5			Cyclohexanecarboxylic acid, 4-pe...	292	C18H25F02	079912-83-7	22



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052325\
Data File : BF142550.D
Acq On : 23 May 2025 22:21
Operator : RC/JU
Sample : Q2102-01 10X
Misc :
ALS Vial : 25 Sample Multiplier: 1

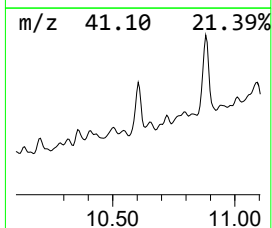
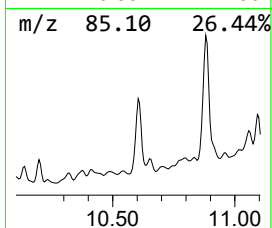
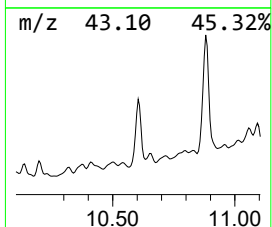
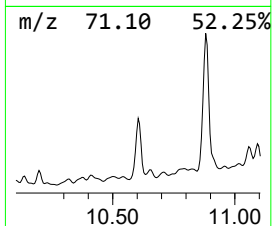
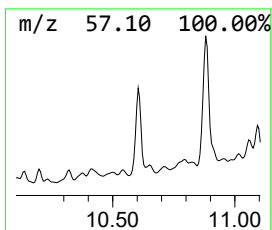
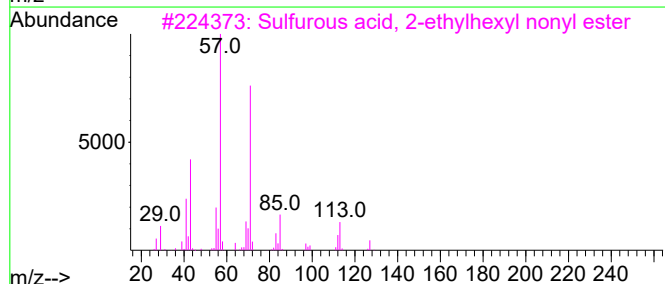
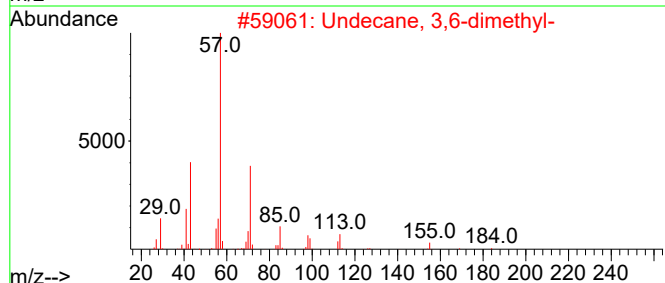
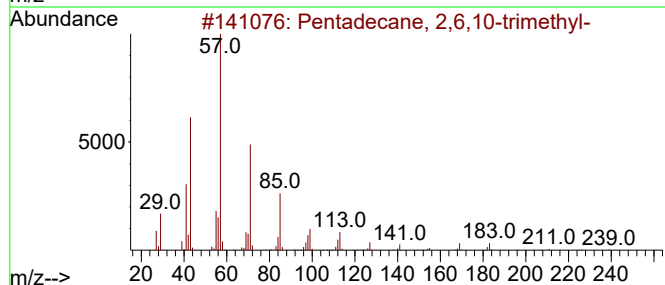
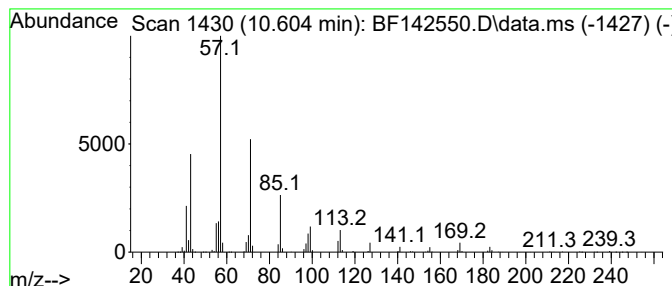
Instrument :
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ClientSampleId :
LAW-25-0077

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Pentadecane, 2,6,10-trimethyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.	
10.604	55.50 ng	2219190	Acenaphthene-d10	9.945	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane, 2,6,10-trimethyl-	254	C18H38	003892-00-0	94
2	Undecane, 3,6-dimethyl-	184	C13H28	017301-28-9	76
3	Sulfurous acid, 2-ethylhexyl non...	320	C17H36O3S	1010309-19-2	72
4	Dodecane, 3-methyl-	184	C13H28	017312-57-1	59
5	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	59



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052325\
Data File : BF142550.D
Acq On : 23 May 2025 22:21
Operator : RC/JU
Sample : Q2102-01 10X
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
LAW-25-0077

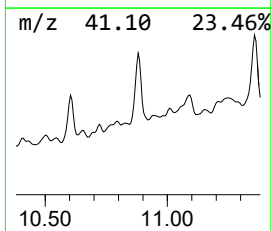
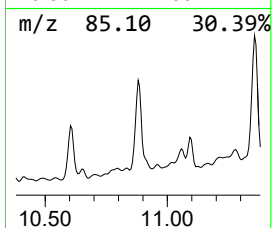
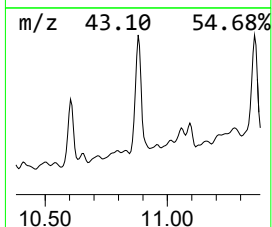
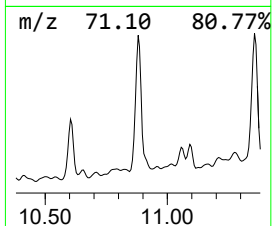
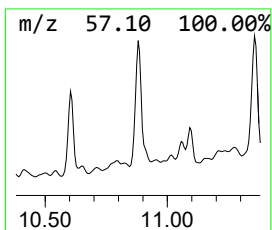
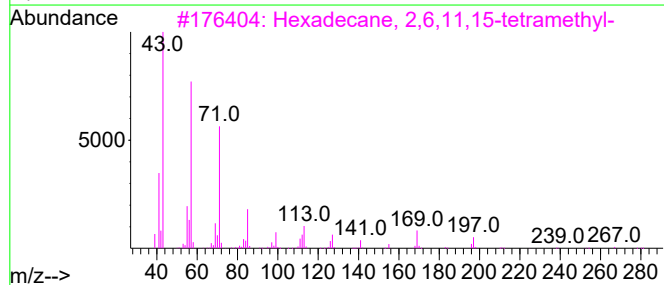
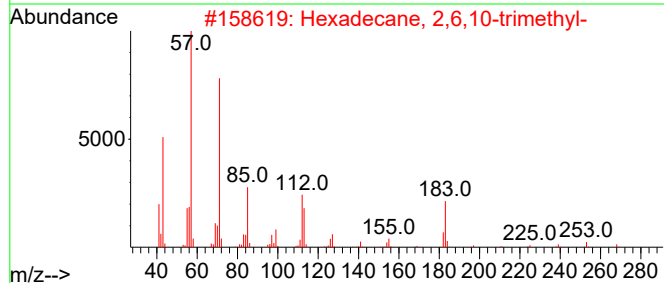
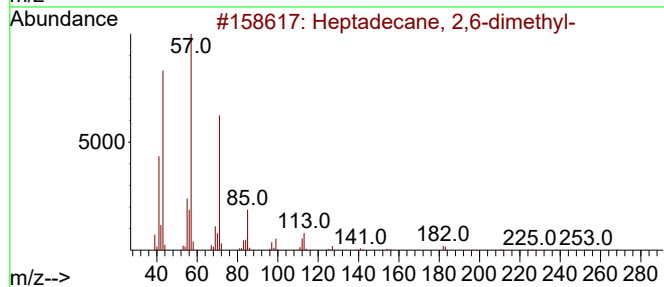
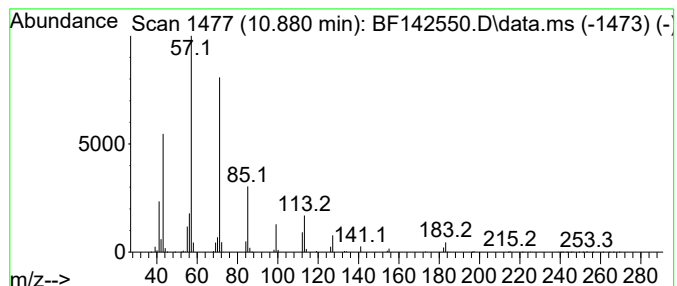
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Heptadecane, 2,6-dimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.880	20.00 ng	4251760	Phenanthrene-d10	11.451

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heptadecane, 2,6-dimethyl-	268	C19H40	054105-67-8	87
2			Hexadecane, 2,6,10-trimethyl-	268	C19H40	055000-52-7	83
3			Hexadecane, 2,6,11,15-tetramethyl-	282	C20H42	000504-44-9	83
4			Sulfurous acid, 2-ethylhexyl tri...	376	C21H44O3S	1000309-19-6	78
5			Decane, 5-propyl-	184	C13H28	017312-62-8	64



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052325\
Data File : BF142550.D
Acq On : 23 May 2025 22:21
Operator : RC/JU
Sample : Q2102-01 10X
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
LAW-25-0077

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST0.L
TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Dodecane, 2,7,1...	9.204	8.2	ng	328569	3	9.945	799716	20.0
unknown9.339	9.339	13.5	ng	538298	3	9.945	799716	20.0
(1,4-Dimethylpe...	9.575	14.1	ng	564181	3	9.945	799716	20.0
Tetratetracontane	9.657	35.3	ng	1411950	3	9.945	799716	20.0
unknown9.810	9.810	14.9	ng	594798	3	9.945	799716	20.0
unknown9.851	9.851	20.0	ng	799716	3	9.945	799716	20.0
Pentadecane, 2,...	10.604	55.5	ng	2219190	3	9.945	799716	20.0
Heptadecane, 2,...	10.880	20.0	ng	4251760	4	11.451	4251760	20.0