

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100825\
 Data File : BF143888.D
 Acq On : 08 Oct 2025 10:42
 Operator : RC/JU
 Sample : PB170004BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB170004BL

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-BF100625.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF143888.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.228	3	6	13	rVB	79712	117913	2.29%	0.354%
2	2.334	17	24	32	rBV	80212	131197	2.55%	0.394%
3	5.122	489	498	510	rBV	462328	811067	15.74%	2.435%
4	5.504	556	563	569	rBV	2784929	4150803	80.55%	12.462%
5	6.504	726	733	738	rBV	2857029	4361544	84.64%	13.094%
6	6.881	792	797	806	rVB	758306	942467	18.29%	2.830%
7	7.439	886	892	898	rBV	1862892	2802260	54.38%	8.413%
8	8.163	1009	1015	1022	rBV	922314	1221273	23.70%	3.667%
9	9.239	1191	1198	1204	rBV	3304443	4695683	91.12%	14.098%
10	9.922	1307	1314	1319	rBV	1067575	1400915	27.19%	4.206%
11	10.710	1442	1448	1459	rBV	2220633	3057172	59.33%	9.178%
12	11.410	1561	1567	1574	rBV	1141421	1462457	28.38%	4.391%
13	13.004	1832	1838	1844	rBV	3611535	5153042	100.00%	15.471%
14	14.057	2011	2017	2027	rBV	870402	1166020	22.63%	3.501%
15	15.180	2203	2208	2217	rVB	40346	63770	1.24%	0.191%
16	15.539	2262	2269	2281	rBV	578096	1015153	19.70%	3.048%
17	16.015	2344	2350	2363	rBV	65767	128440	2.49%	0.386%
18	16.539	2432	2439	2453	rBV	64140	137921	2.68%	0.414%
19	17.145	2536	2542	2549	rBV2	46047	111424	2.16%	0.335%
20	17.256	2551	2561	2585	rVB2	58332	272492	5.29%	0.818%
21	17.874	2658	2666	2680	rVB2	36733	105278	2.04%	0.316%

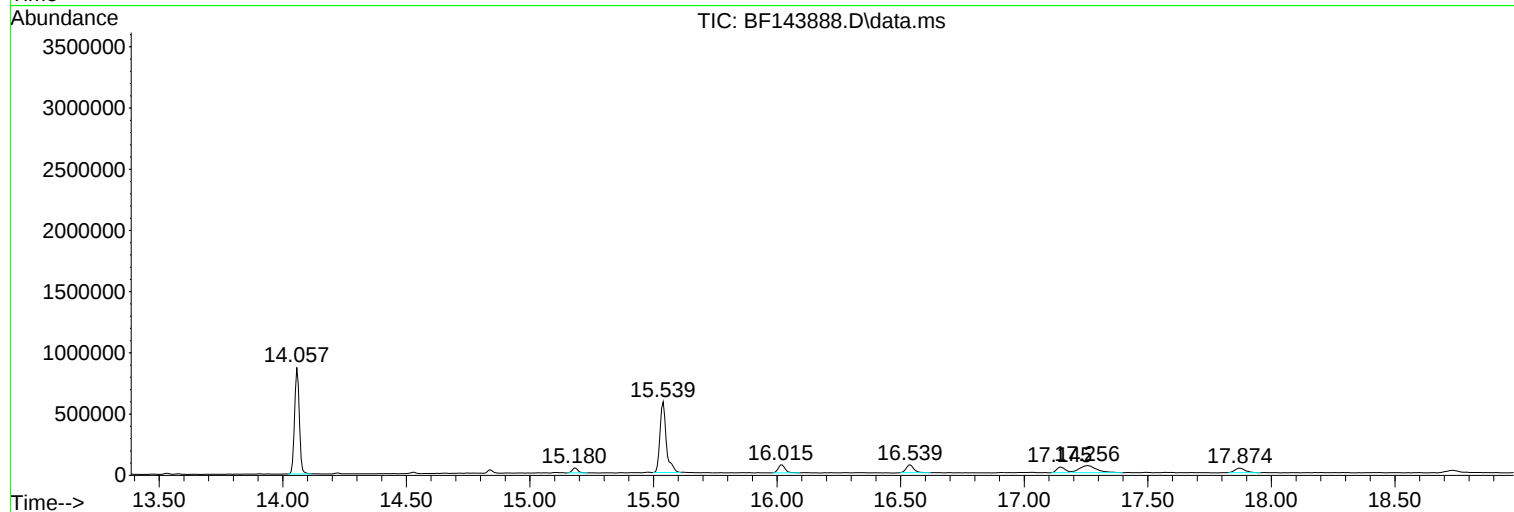
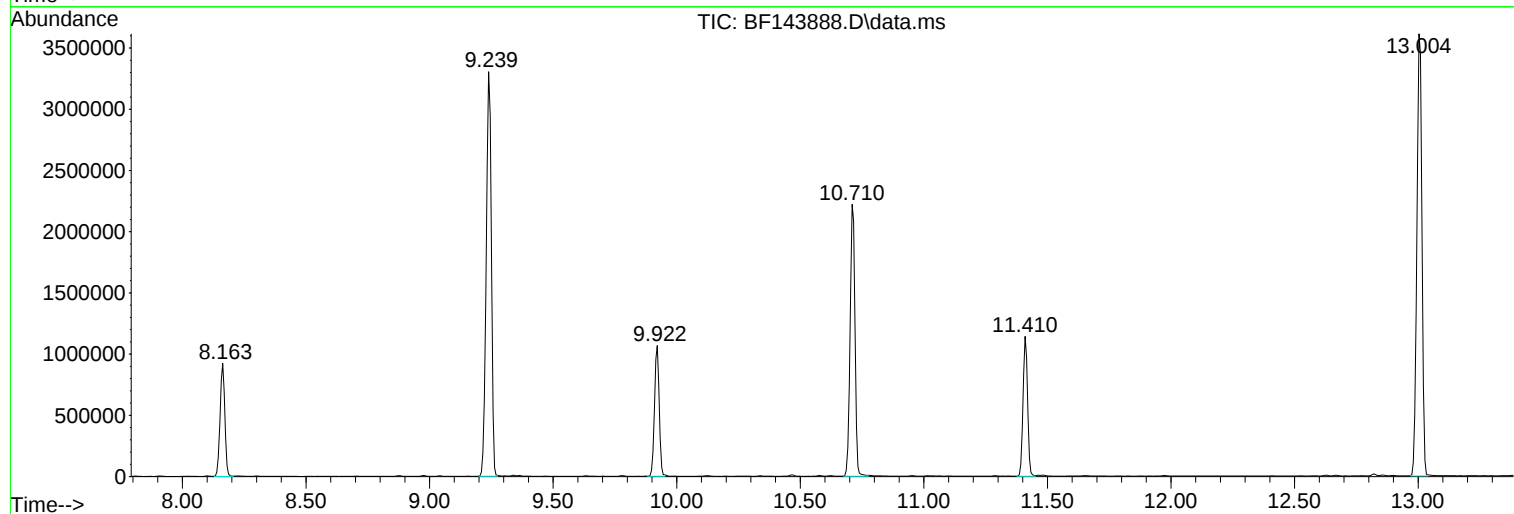
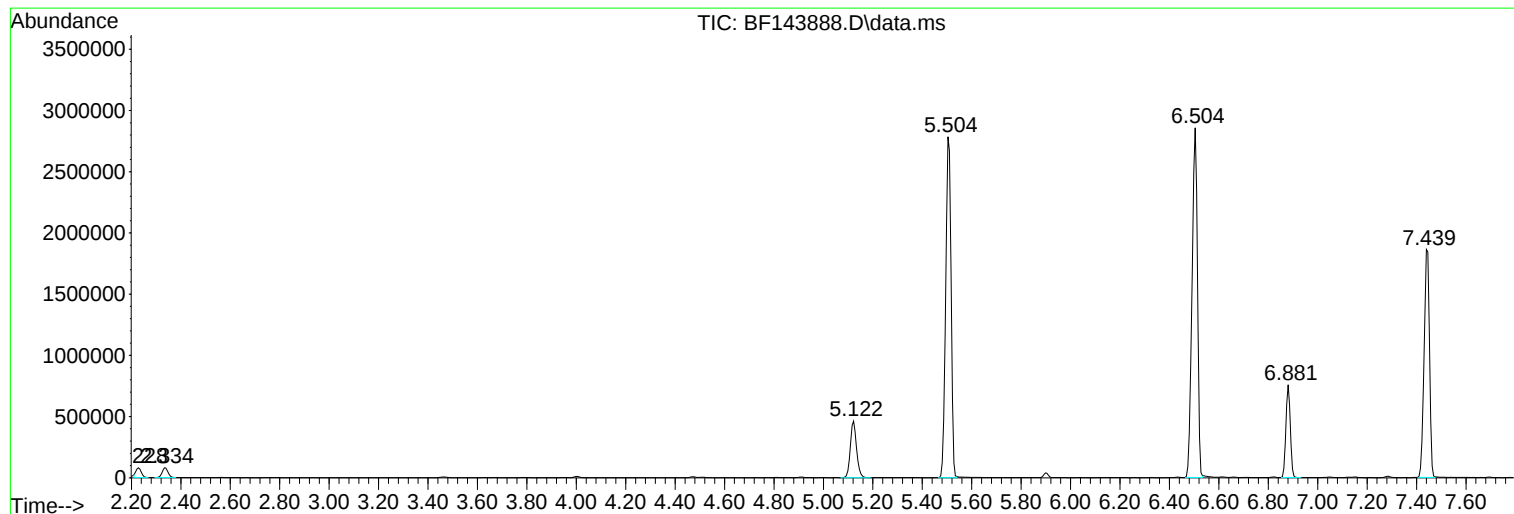
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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Data File : BF143888.D
Acq On : 08 Oct 2025 10:42
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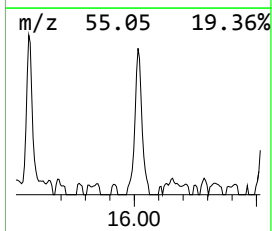
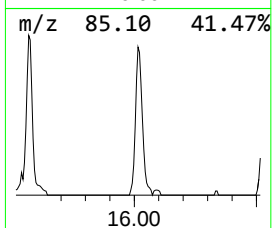
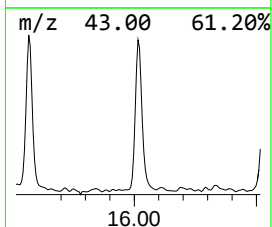
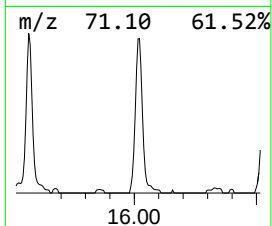
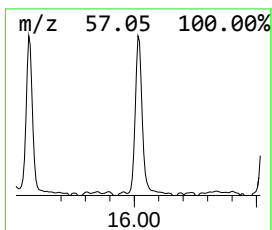
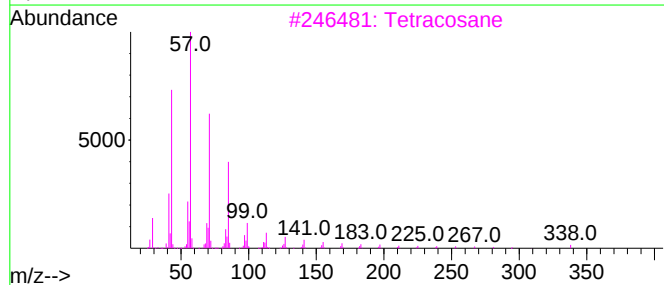
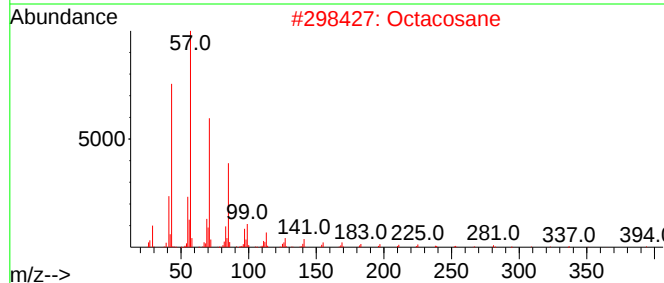
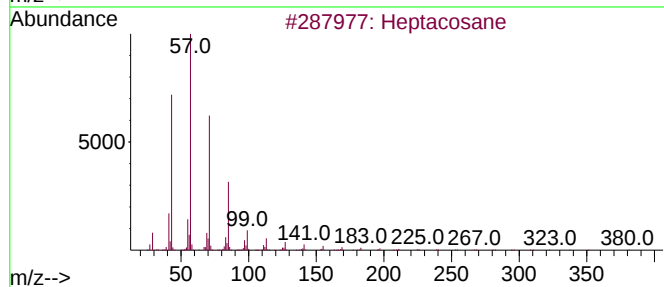
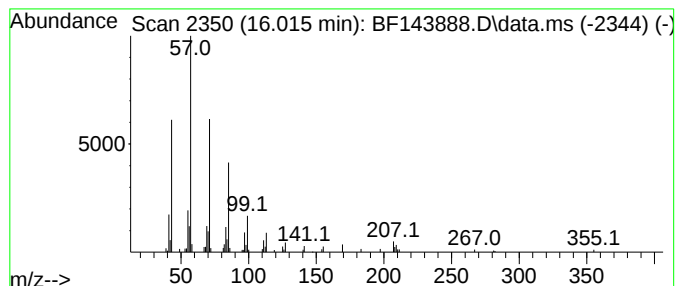
Instrument :
BNA_F
ClientSampleId :
PB170004BL

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 Heptacosane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.	
16.015	2.53 ng	128440	Perylene-d12	15.539	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptacosane	380	C27H56	000593-49-7	90
2	Octacosane	394	C28H58	000630-02-4	90
3	Tetracosane	338	C24H50	000646-31-1	86
4	Heptadecane	240	C17H36	000629-78-7	86
5	4-Methylheneicosane	310	C22H46	025117-29-7	86



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Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
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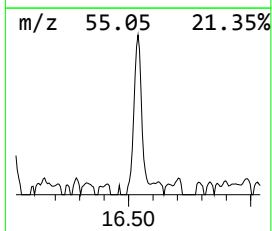
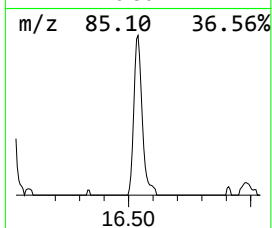
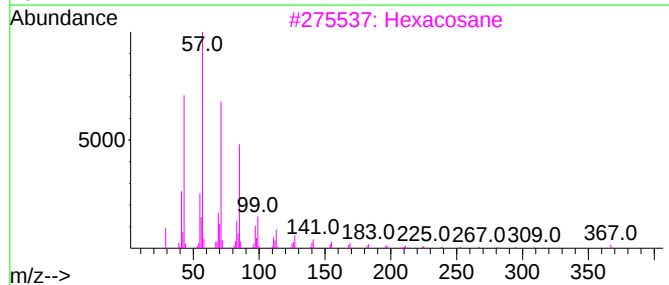
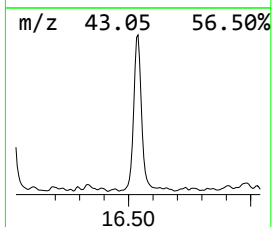
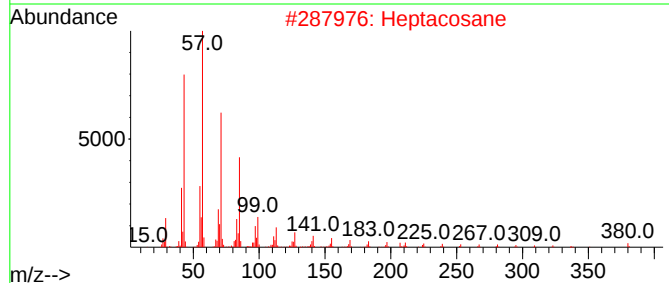
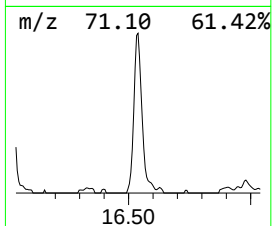
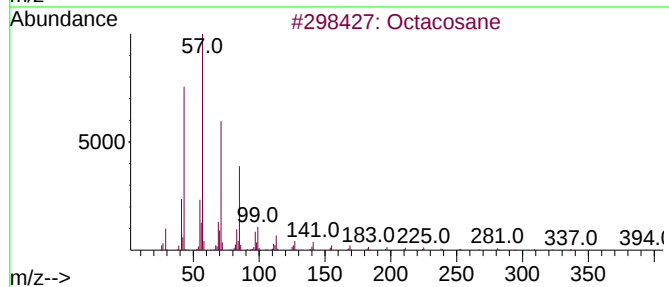
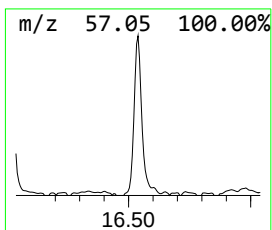
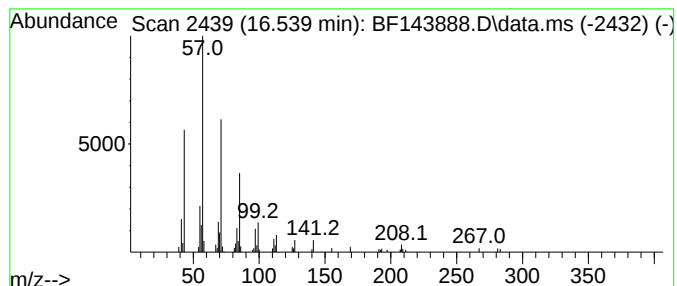
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Octacosane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.539	2.72 ng	137921	Perylene-d12	15.539

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octacosane	394	C28H58	000630-02-4	90
2			Heptacosane	380	C27H56	000593-49-7	90
3			Hexacosane	366	C26H54	000630-01-3	90
4			Heptadecane, 9-octyl-	352	C25H52	007225-64-1	87
5			Hexatriacontane	507	C36H74	000630-06-8	87



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Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB170004BL

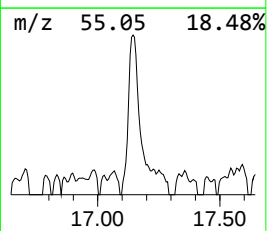
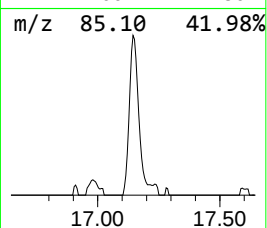
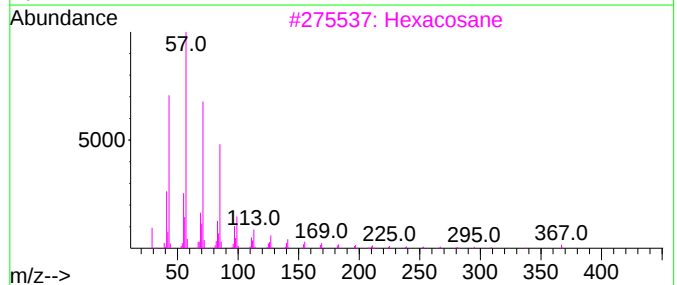
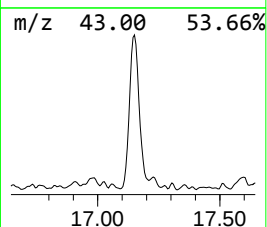
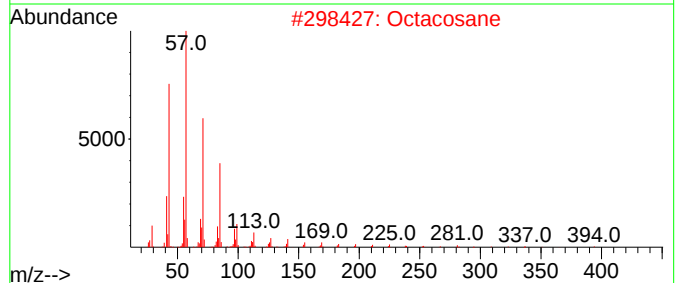
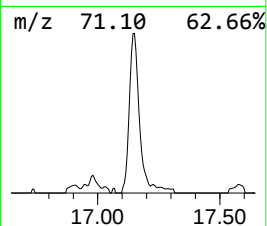
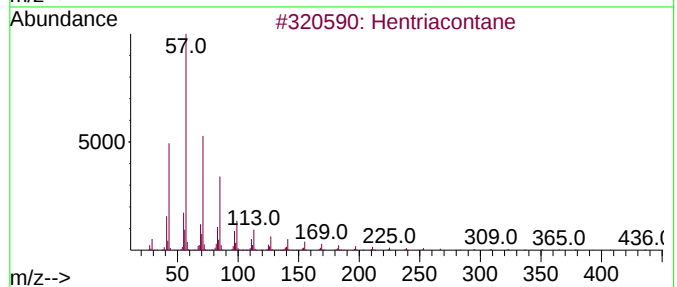
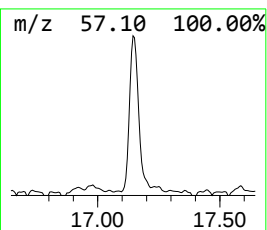
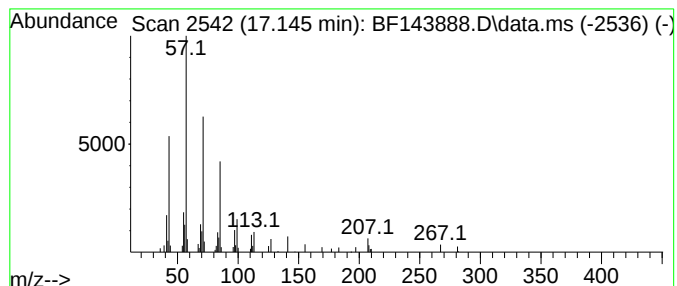
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Hentriacontane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.145	2.20 ng	111424	Perylene-d12	15.539

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hentriacontane	437	C31H64	000630-04-6	90
2	Octacosane	394	C28H58	000630-02-4	90
3	Hexacosane	366	C26H54	000630-01-3	87
4	Tetracosane	338	C24H50	000646-31-1	87
5	Pentacosane	352	C25H52	000629-99-2	86



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Data File : BF143888.D
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Sample : PB170004BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB170004BL

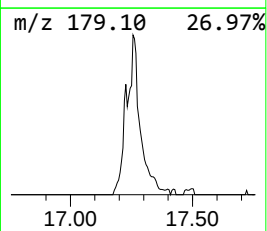
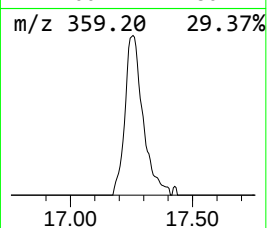
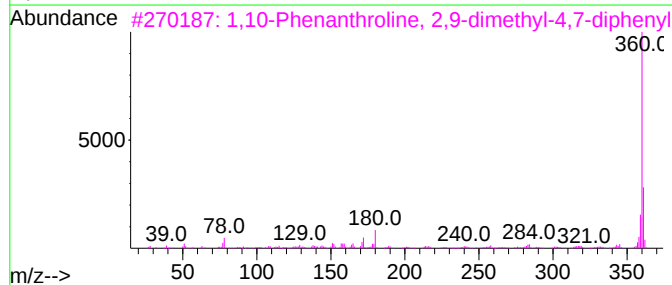
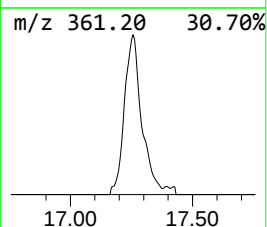
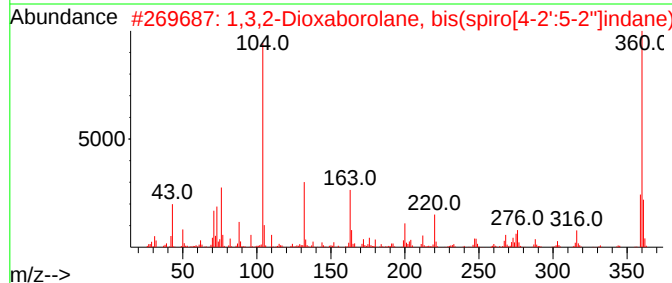
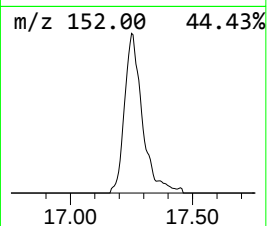
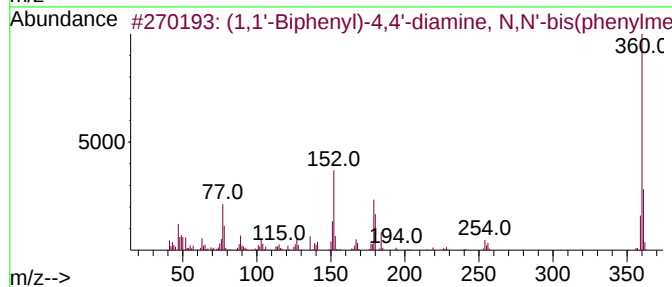
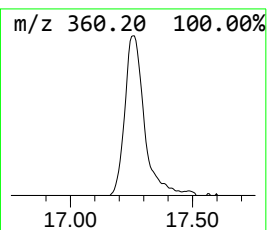
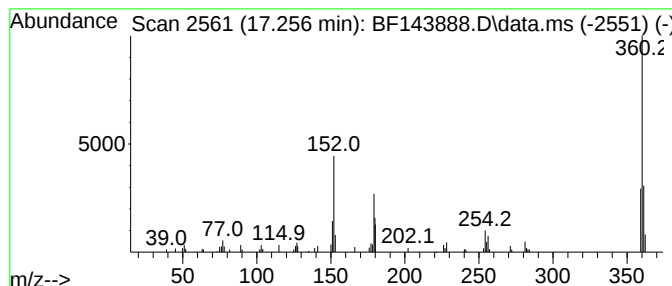
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 (1,1'-Biphenyl)-4,4'-diamin... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.256	5.37 ng	272492	Perylene-d12	15.539

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			(1,1'-Biphenyl)-4,4'-diamine, N,...	360	C26H20N2	006311-48-4	87
2			1,3,2-Dioxaborolane, bis(spiro[4...	360	C20H13B06	1000150-23-7	43
3			1,10-Phenanthroline, 2,9-dimethy...	360	C26H20N2	004733-39-5	38
4			Benzaldehyde, 4-hydroxy-3,5-dime...	360	C18H20N2O6	014414-32-5	37
5			N,N'-di-2-Naphthyl-p-phenylenedi...	360	C26H20N2	000093-46-9	35



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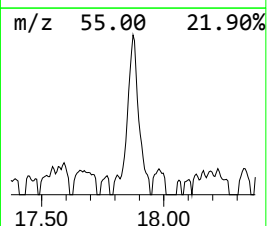
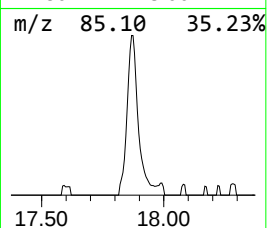
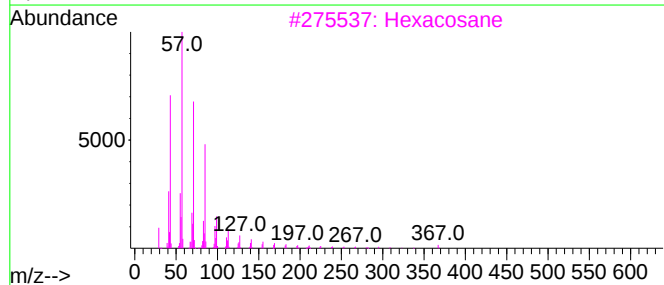
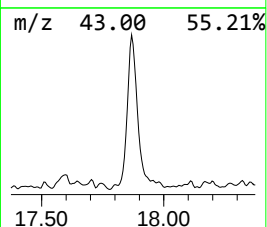
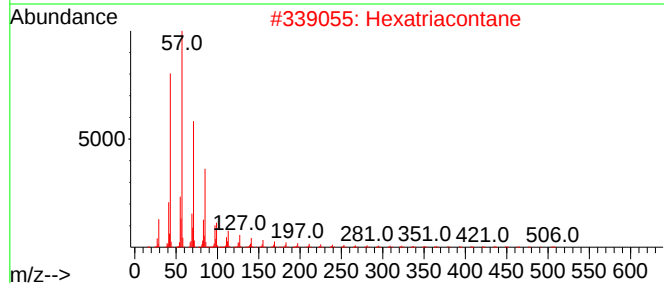
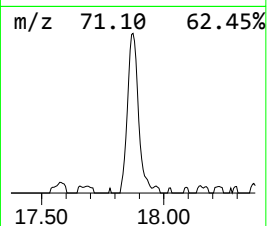
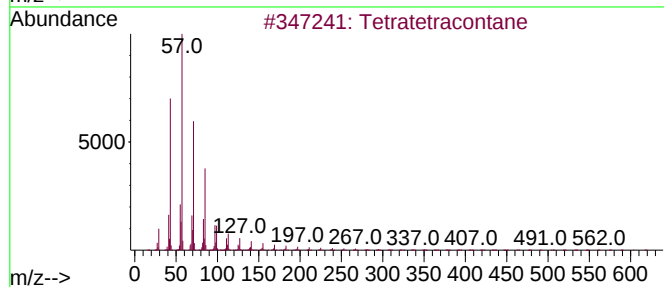
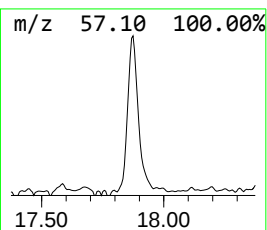
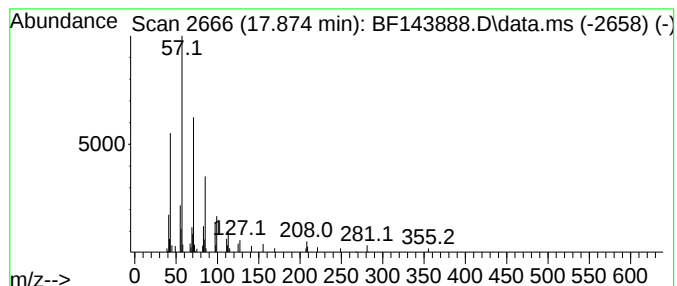
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 8 Tetratetracontane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.874	2.07 ng	105278	Perylene-d12	15.539

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tetratetracontane	619	C44H90	007098-22-8	87
2			Hexatriacontane	507	C36H74	000630-06-8	83
3			Hexacosane	366	C26H54	000630-01-3	83
4			Tetracosane	338	C24H50	000646-31-1	74
5			Tetradecane, 1-iodo-	324	C14H29I	019218-94-1	74



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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100625.M
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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
Heptacosane	16.015	2.5	ng	128440	6	15.539	1015150	20.0
Octacosane	16.539	2.7	ng	137921	6	15.539	1015150	20.0
Hentriacontane	17.145	2.2	ng	111424	6	15.539	1015150	20.0
(1,1'-Biphenyl)...	17.256	5.4	ng	272492	6	15.539	1015150	20.0
Tetratetracontane	17.874	2.1	ng	105278	6	15.539	1015150	20.0