

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092624\
 Data File : BF139553.D
 Acq On : 26 Sep 2024 18:30
 Operator : RC/JU
 Sample : P4176-01
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FB-NC-SYS2

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-BF091324.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF139553.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.163	4	12	25	rVB	2534516	4095408	24.81%	12.076%
2	5.493	573	578	591	rVB	640794	836030	5.06%	2.465%
3	6.504	745	750	762	rBV	525003	663060	4.02%	1.955%
4	6.875	808	813	818	rBV	354077	425784	2.58%	1.256%
5	7.440	902	909	914	rBV	1218772	1622113	9.83%	4.783%
6	8.157	1026	1031	1036	rBV	450976	546568	3.31%	1.612%
7	9.234	1208	1214	1219	rBV	1996302	2515593	15.24%	7.418%
8	9.910	1324	1329	1334	rBV	498804	609450	3.69%	1.797%
9	10.698	1458	1463	1479	rBV	912385	1196235	7.25%	3.527%
10	11.398	1577	1582	1589	rBV	512595	633724	3.84%	1.869%
11	11.922	1665	1671	1687	rBV3	105451	230162	1.39%	0.679%
12	12.386	1740	1750	1760	rVB5	43227	168496	1.02%	0.497%
13	12.916	1822	1840	1847	rBV	4751440	16507400	100.00%	48.676%
14	12.986	1847	1852	1857	rVB	1892060	2512526	15.22%	7.409%
15	13.957	2011	2017	2024	rVB	113609	205069	1.24%	0.605%
16	14.033	2025	2030	2035	rVB	299943	381927	2.31%	1.126%
17	14.498	2104	2109	2117	rBV	127385	212083	1.28%	0.625%
18	15.016	2191	2197	2209	rBV	92987	187295	1.13%	0.552%
19	15.510	2275	2281	2288	rVV	226091	363904	2.20%	1.073%

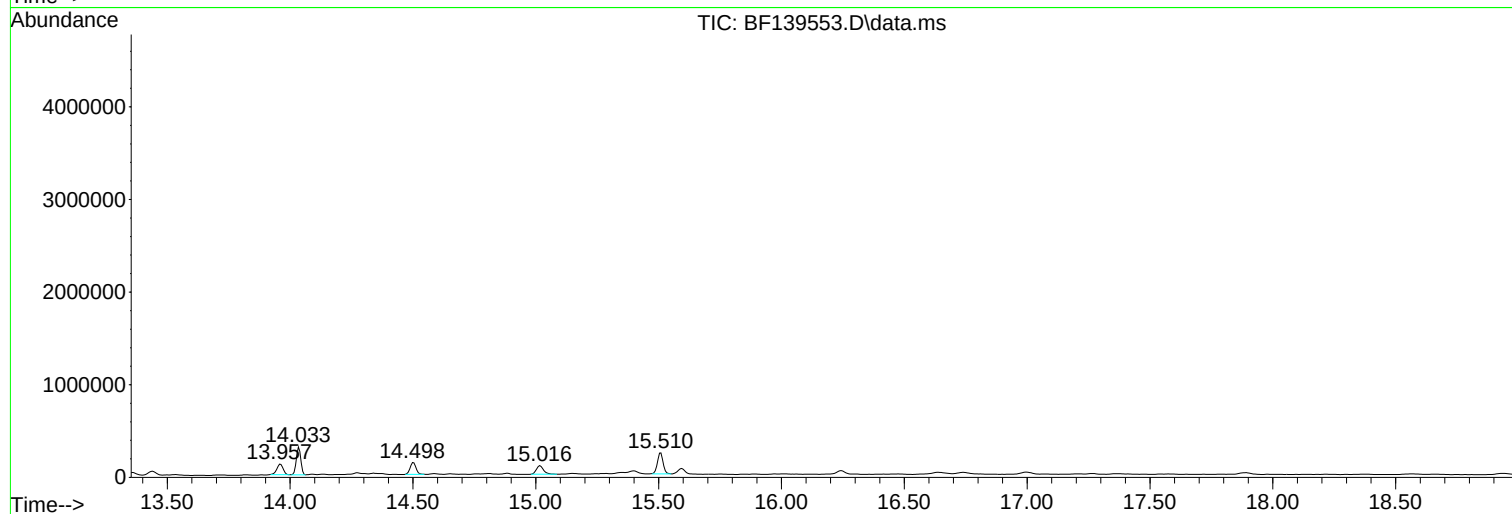
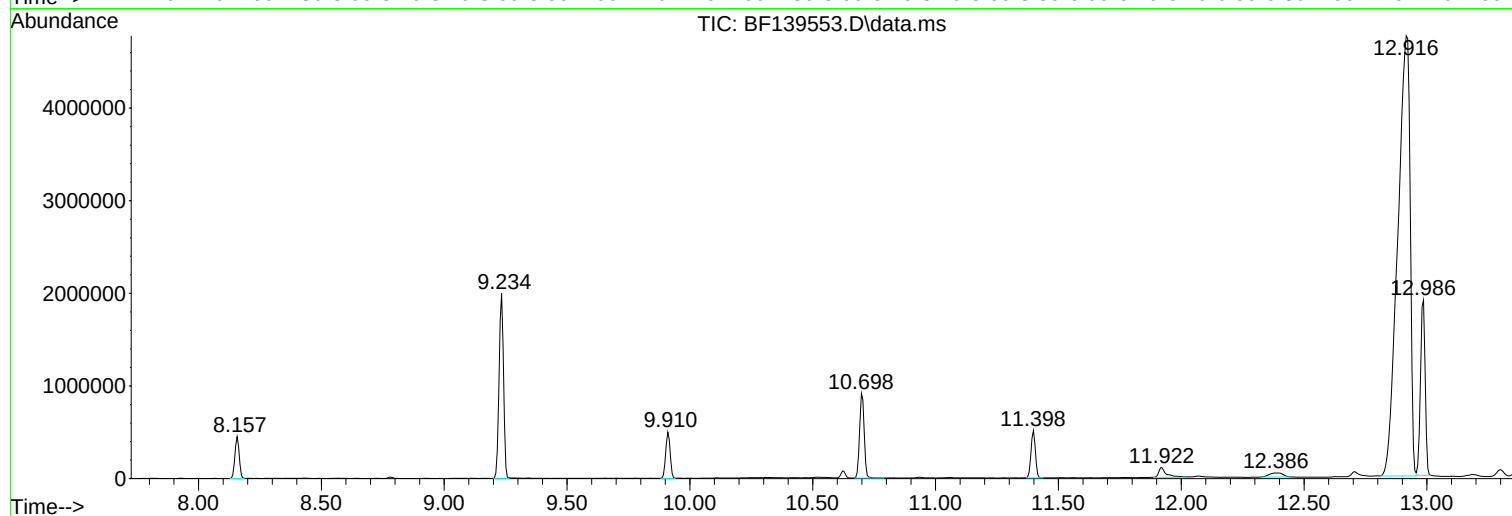
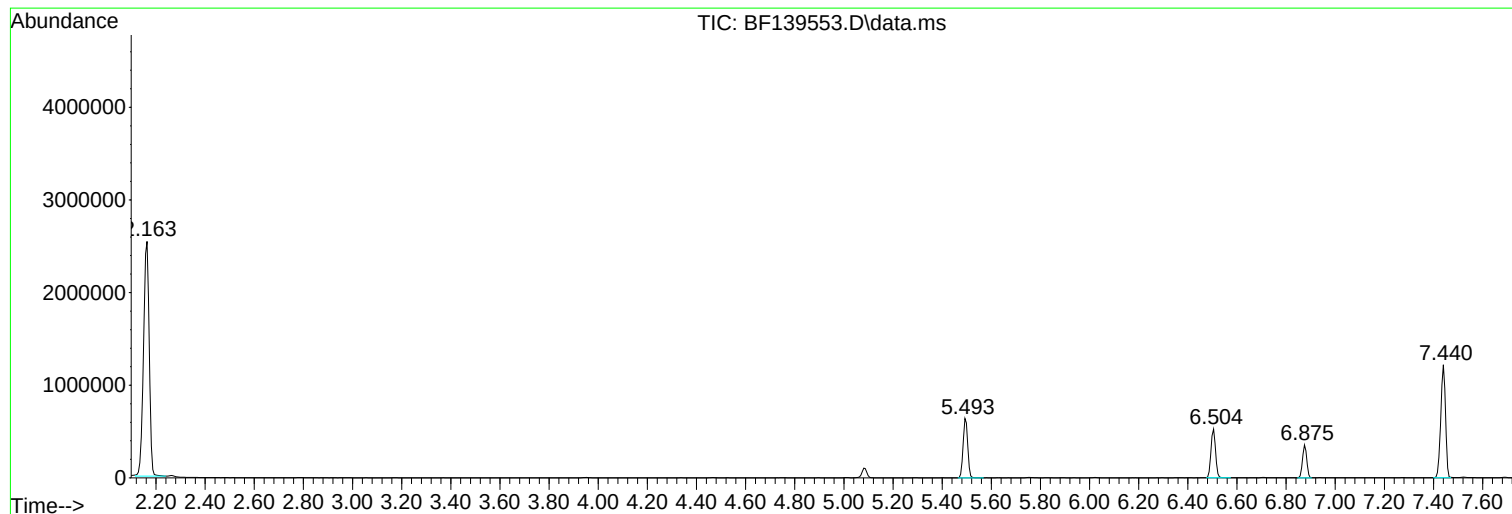
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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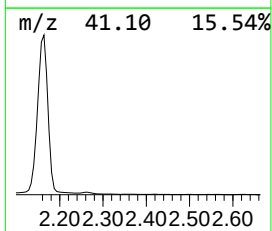
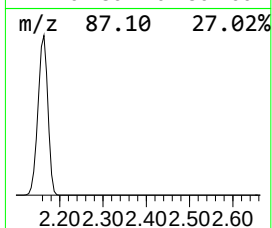
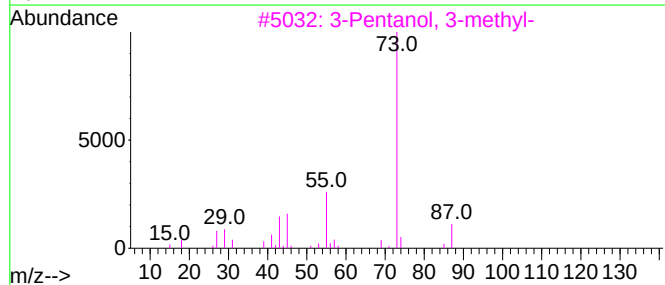
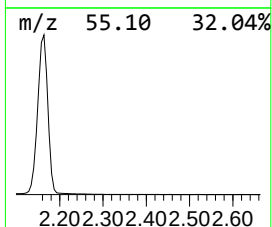
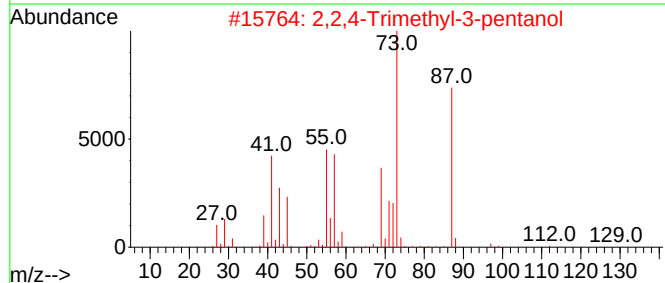
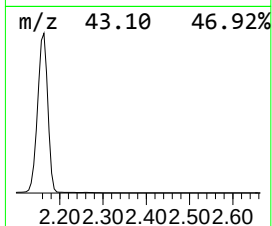
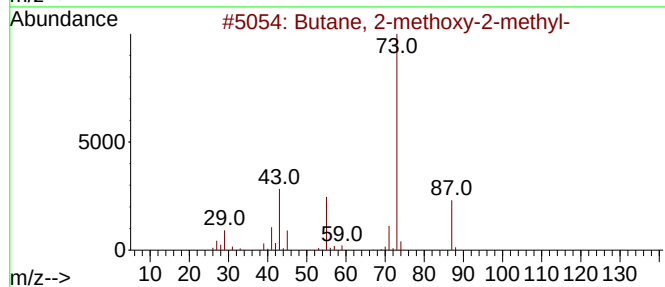
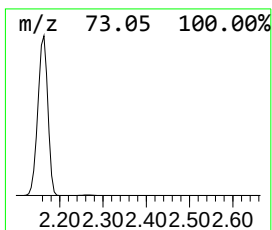
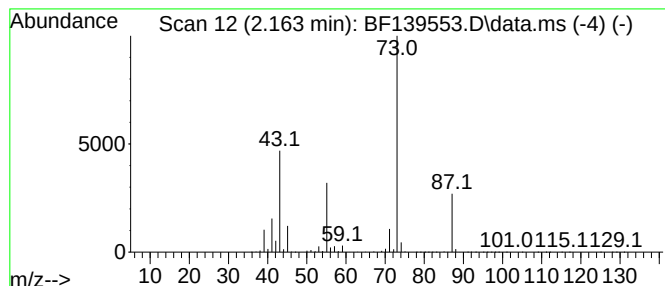
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.163	192.37 ng	4095410	1,4-Dichlorobenzene-d4	6.875

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2			2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	39
3			3-Pentanol, 3-methyl-	102	C6H14O	000077-74-7	37
4			Silane, tetramethyl-	88	C4H12Si	000075-76-3	35
5			1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	25



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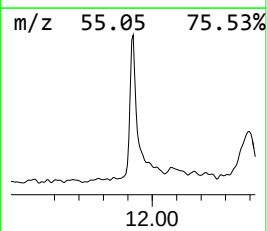
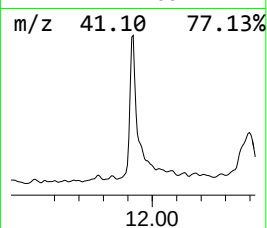
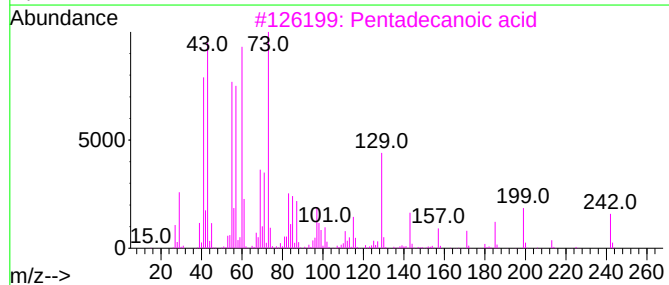
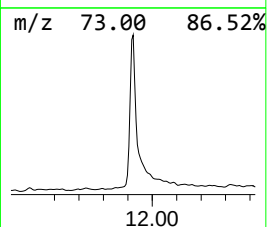
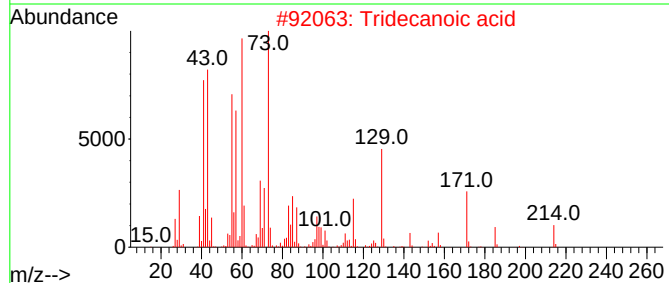
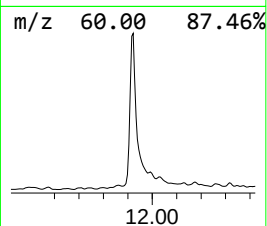
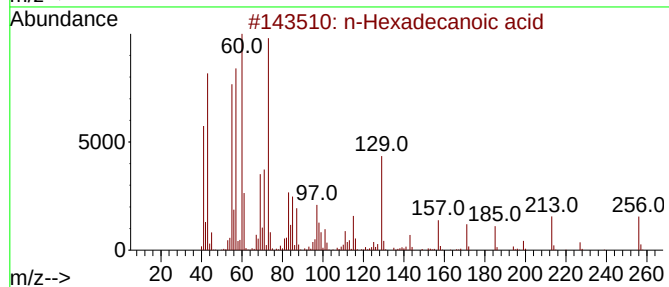
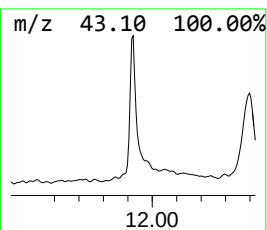
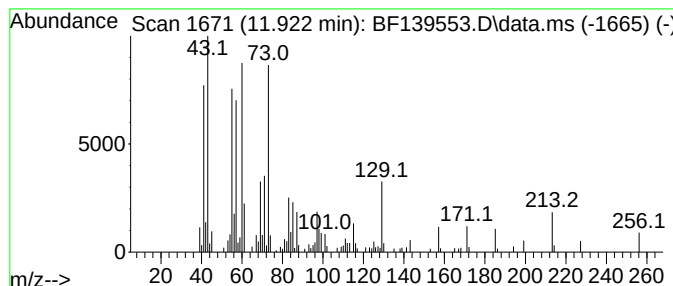
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TIC Library : C:\Database\NIST20.L
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Peak Number 2 n-Hexadecanoic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.922	7.26 ng	230162	Phenanthrene-d10	11.398

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2			Tridecanoic acid	214	C13H26O2	000638-53-9	93
3			Pentadecanoic acid	242	C15H30O2	001002-84-2	87
4			Tetradecanoic acid	228	C14H28O2	000544-63-8	83
5			n-Decanoic acid	172	C10H20O2	000334-48-5	53



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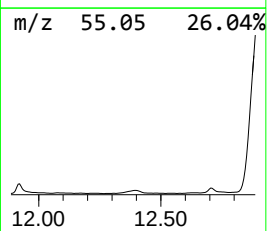
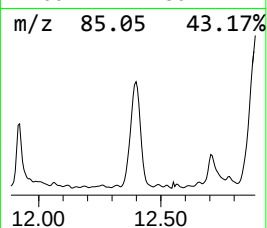
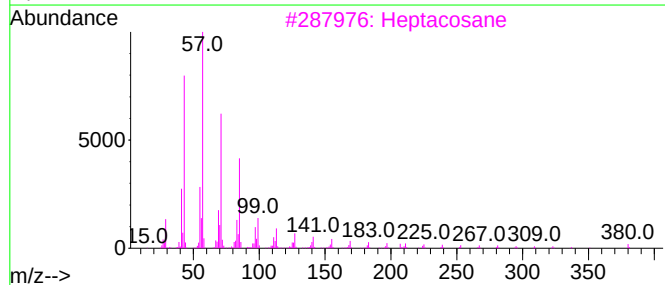
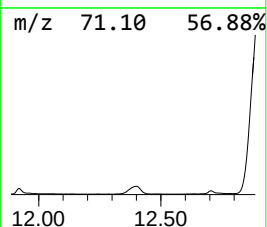
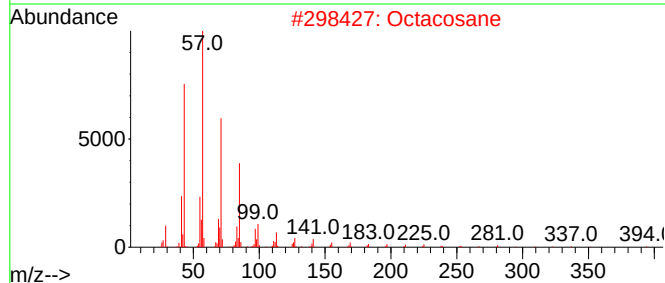
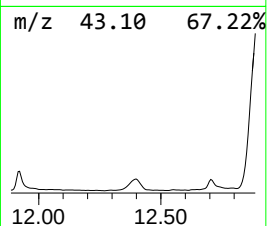
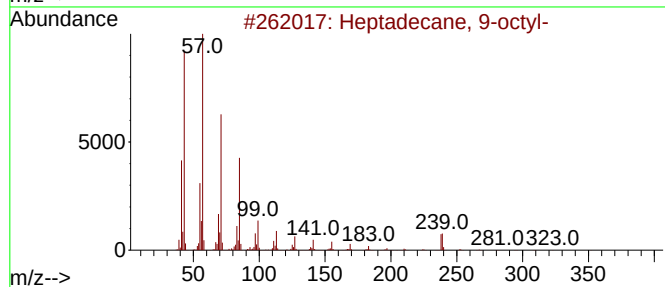
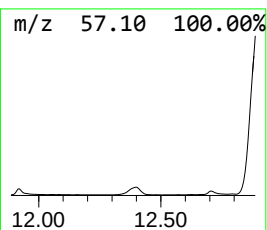
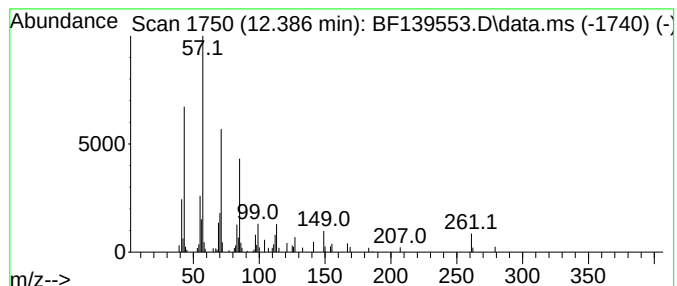
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Peak Number 3 Heptadecane, 9-octyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.386	5.32 ng	168496	Phenanthrene-d10	11.398

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Heptadecane, 9-octyl-	352	C25H52	007225-64-1	81
2		Octacosane	394	C28H58	000630-02-4	81
3		Heptacosane	380	C27H56	000593-49-7	81
4		Tetracosane	338	C24H50	000646-31-1	74
5		Heneicosane	296	C21H44	000629-94-7	74



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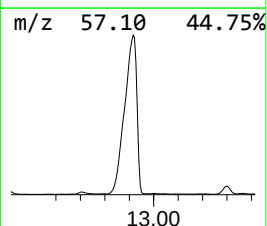
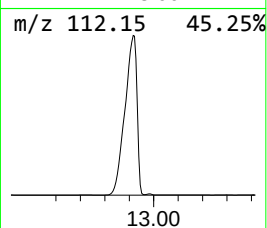
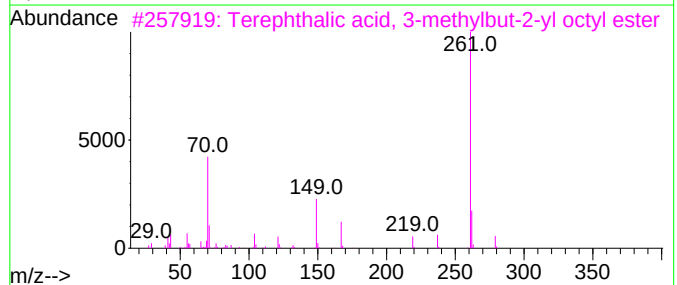
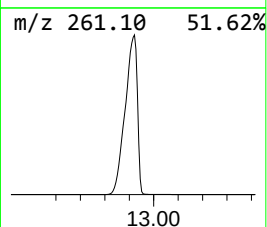
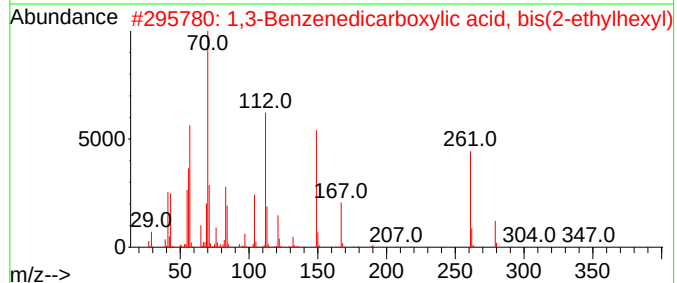
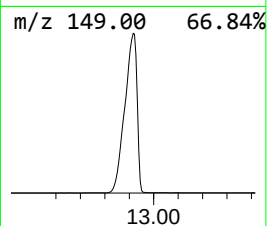
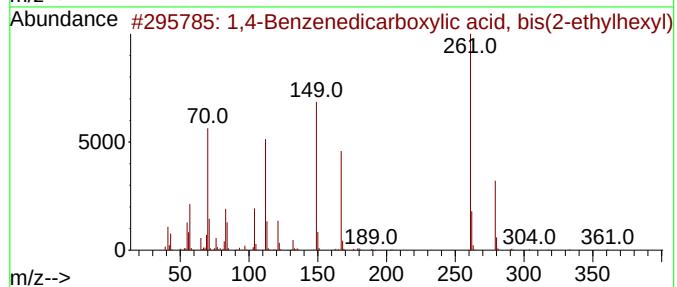
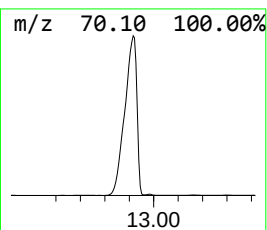
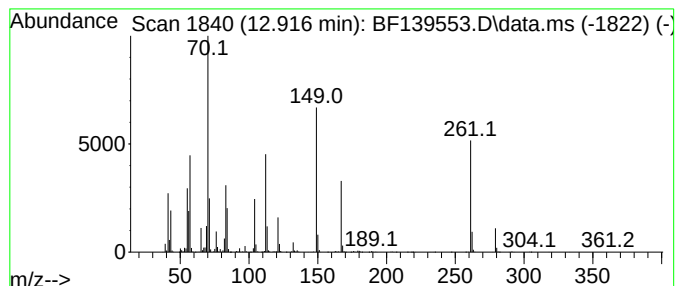
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Peak Number 4 1,4-Benzenedicarboxylic aci... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.916	864.43 ng	16507400	Chrysene-d12	14.033

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1,4-Benzenedicarboxylic acid, bi...	390	C24H38O4	006422-86-2	72
2			1,3-Benzenedicarboxylic acid, bi...	390	C24H38O4	000137-89-3	72
3			Terephthalic acid, 3-methylbut-2...	348	C21H32O4	1000356-27-6	59
4			Isophthalic acid, 3-methylbut-2...	348	C21H32O4	1000344-72-4	47
5			Terephthalic acid, monochloride,...	296	C16H21ClO3	1000324-22-9	43



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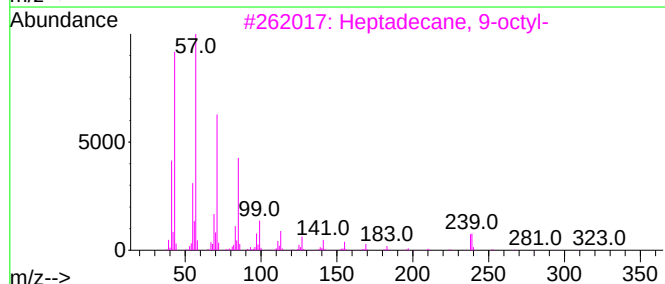
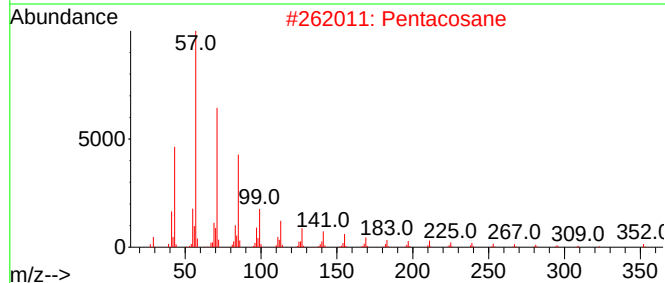
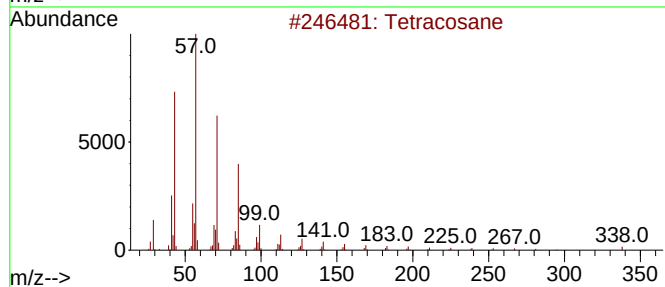
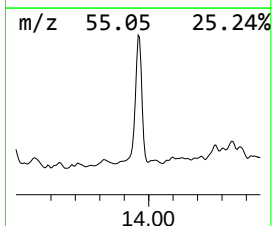
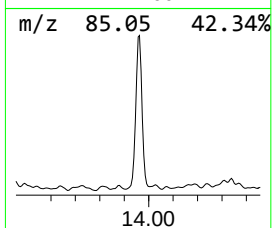
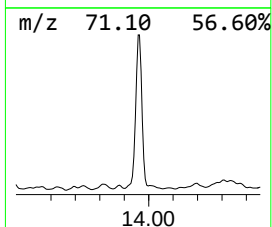
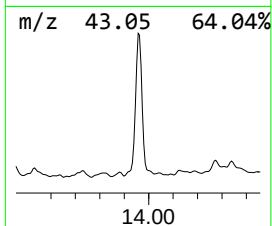
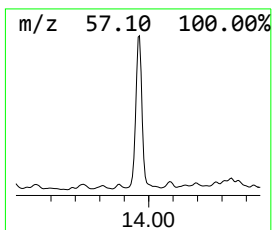
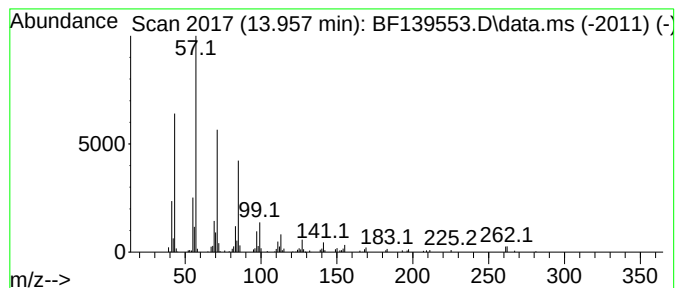
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Peak Number 5 Tetracosane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.957	10.74 ng	205069	Chrysene-d12	14.033

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tetracosane	338	C24H50	000646-31-1	91
2			Pentacosane	352	C25H52	000629-99-2	91
3			Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91
4			Nonadecane, 2-methyl-	282	C20H42	001560-86-7	91
5			Heneicosane, 11-(1-ethylpropyl)-	366	C26H54	055282-11-6	91



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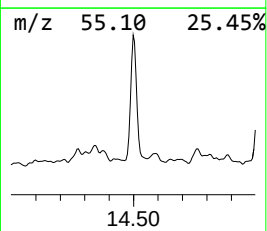
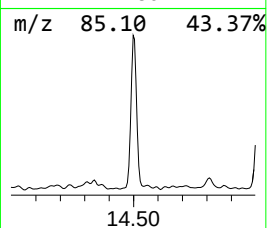
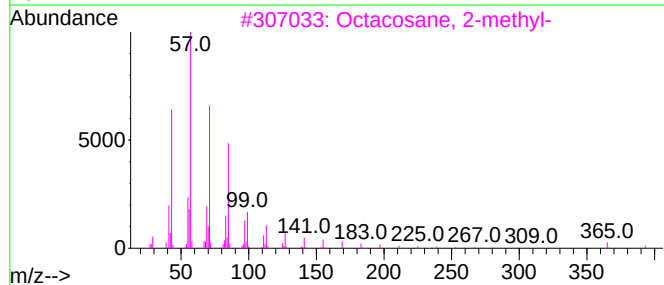
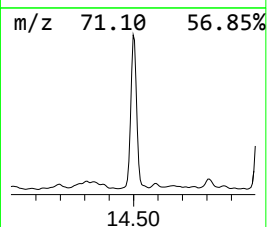
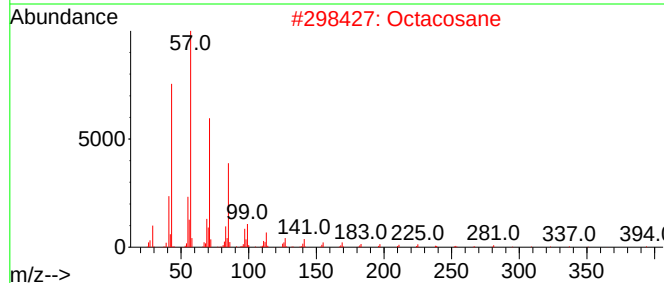
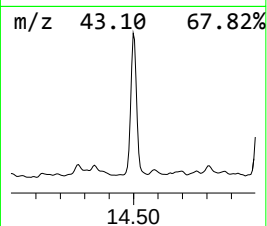
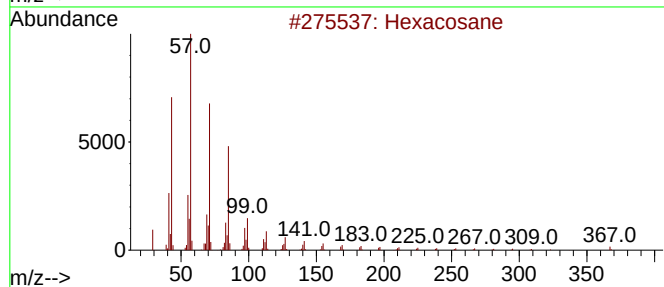
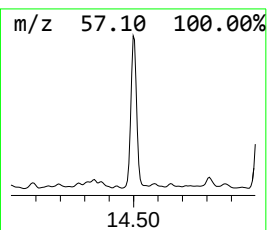
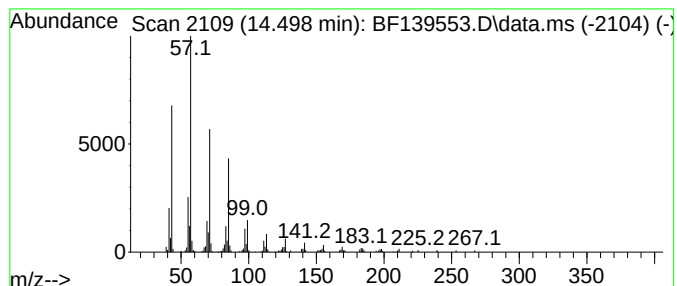
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Hexacosane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.498	11.11 ng	212083	Chrysene-d12	14.033

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexacosane	366	C26H54	000630-01-3	94
2			Octacosane	394	C28H58	000630-02-4	91
3			Octacosane, 2-methyl-	408	C29H60	001560-98-1	91
4			Tetratetracontane	619	C44H90	007098-22-8	91
5			Pentacosane	352	C25H52	000629-99-2	91



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092624\
Data File : BF139553.D
Acq On : 26 Sep 2024 18:30
Operator : RC/JU
Sample : P4176-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

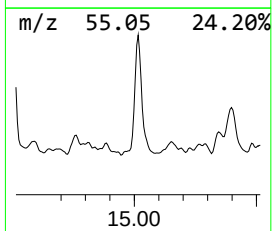
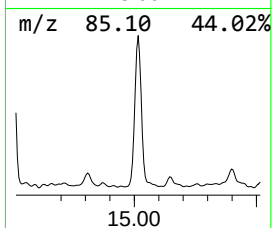
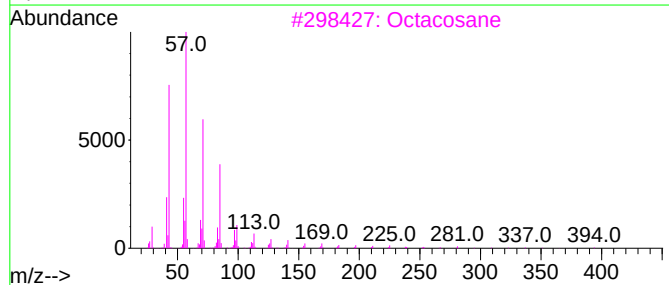
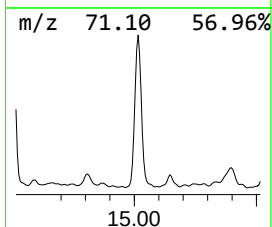
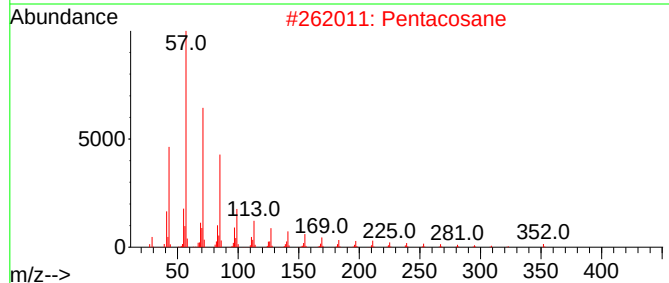
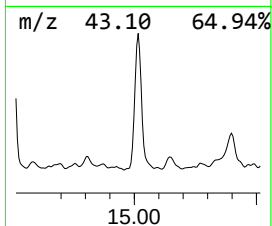
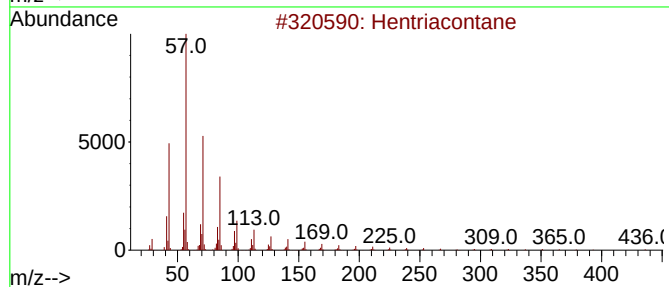
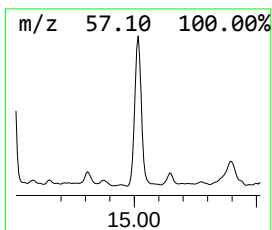
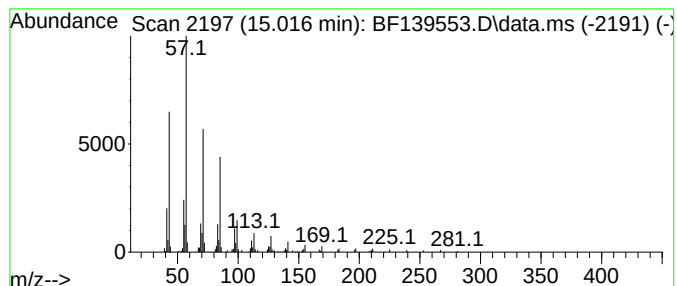
Instrument :
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ClientSampleId :
FB-NC-SYS2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091324.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Hentriacontane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.	
15.015	10.29 ng	187295	Perylene-d12	15.510	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hentriacontane	437	C31H64	000630-04-6	91
2	Pentacosane	352	C25H52	000629-99-2	91
3	Octacosane	394	C28H58	000630-02-4	91
4	Octacosane, 2-methyl-	408	C29H60	001560-98-1	91
5	Heptacosane	380	C27H56	000593-49-7	91



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092624\
Data File : BF139553.D
Acq On : 26 Sep 2024 18:30
Operator : RC/JU
Sample : P4176-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
FB-NC-SYS2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091324.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Butane, 2-metho...	2.163	192.4	ng	4095410	1	6.875	425784	20.0
n-Hexadecanoic ...	11.922	7.3	ng	230162	4	11.398	633724	20.0
Heptadecane, 9-...	12.386	5.3	ng	168496	4	11.398	633724	20.0
1,4-Benzenedica...	12.916	864.4	ng	16507400	5	14.033	381927	20.0
Tetracosane	13.957	10.7	ng	205069	5	14.033	381927	20.0
Hexacosane	14.498	11.1	ng	212083	5	14.033	381927	20.0
Hentriacontane	15.015	10.3	ng	187295	6	15.510	363904	20.0