

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050224\
 Data File : BM045668.D
 Acq On : 02 May 2024 12:42
 Operator : MA/JU
 Sample : P2252-12
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PT-TRIAZINE-SOIL

Integration Parameters: rteint.p

Integrator: RTE

Smoothing : ON

Sampling : 1

Start Thrs: 0.2

Stop Thrs : 0

Filtering: 5

Min Area: 3 % of largest Peak

Max Peaks: 100

Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >

Peak separation: 5

Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM043024.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BM045668.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.716	272	277	289	rBV	202247	275803	26.28%	4.252%
2	5.146	344	350	363	rBV	407436	604039	57.55%	9.313%
3	6.710	608	616	629	rBV	359819	592468	56.45%	9.135%
4	7.516	747	753	763	rVB	64998	106085	10.11%	1.636%
5	8.681	943	951	962	rBV	187438	340736	32.47%	5.254%
6	10.286	1217	1224	1238	rBV	55888	115242	10.98%	1.777%
7	12.780	1641	1648	1662	rBV	411147	639584	60.94%	9.861%
8	14.174	1879	1885	1893	rBV	80323	122394	11.66%	1.887%
9	15.604	2123	2128	2136	rBV2	56186	91382	8.71%	1.409%
10	15.686	2136	2142	2151	rVB	415458	645346	61.49%	9.950%
11	16.309	2243	2248	2255	rBV	101071	126343	12.04%	1.948%
12	16.386	2255	2261	2265	rVV	90940	131032	12.48%	2.020%
13	16.433	2265	2269	2271	rVV	94610	126721	12.07%	1.954%
14	16.468	2271	2275	2280	rVB	170671	217257	20.70%	3.350%
15	16.939	2350	2355	2363	rBV	93549	133801	12.75%	2.063%
16	17.851	2505	2510	2522	rBV2	34663	56500	5.38%	0.871%
17	19.150	2726	2731	2739	rBV2	24526	37456	3.57%	0.578%
18	19.598	2801	2807	2816	rBV	911400	1049537	100.00%	16.182%
19	20.886	3022	3026	3035	rBV2	33677	56906	5.42%	0.877%
20	21.092	3058	3061	3066	rBV5	6867	11341	1.08%	0.175%
21	21.162	3069	3073	3083	rBV	144796	217757	20.75%	3.357%
22	21.756	3170	3174	3176	rBV4	16307	22547	2.15%	0.348%
23	22.697	3330	3334	3340	rBV2	50124	67409	6.42%	1.039%
24	23.344	3438	3444	3453	rVB	148768	295478	28.15%	4.556%
25	23.868	3529	3533	3540	rVB	67560	126500	12.05%	1.950%
26	23.968	3545	3550	3557	rVB8	28066	69591	6.63%	1.073%
27	25.579	3818	3824	3834	rBV5	69219	206493	19.67%	3.184%

Sum of corrected areas: 6485748

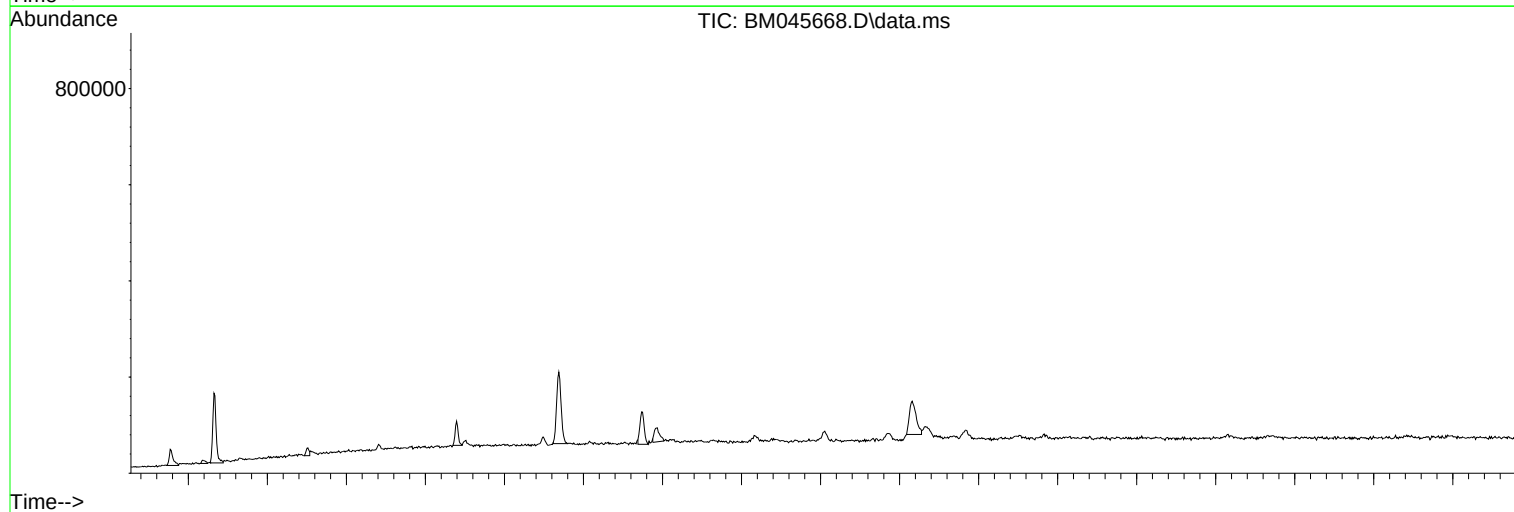
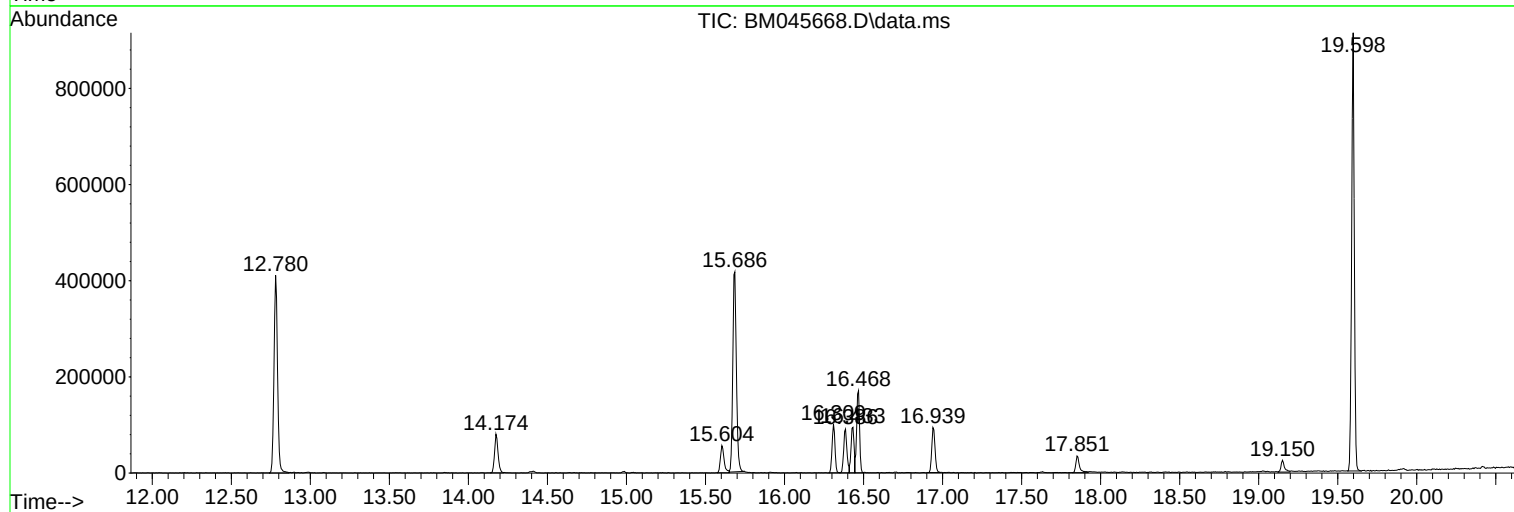
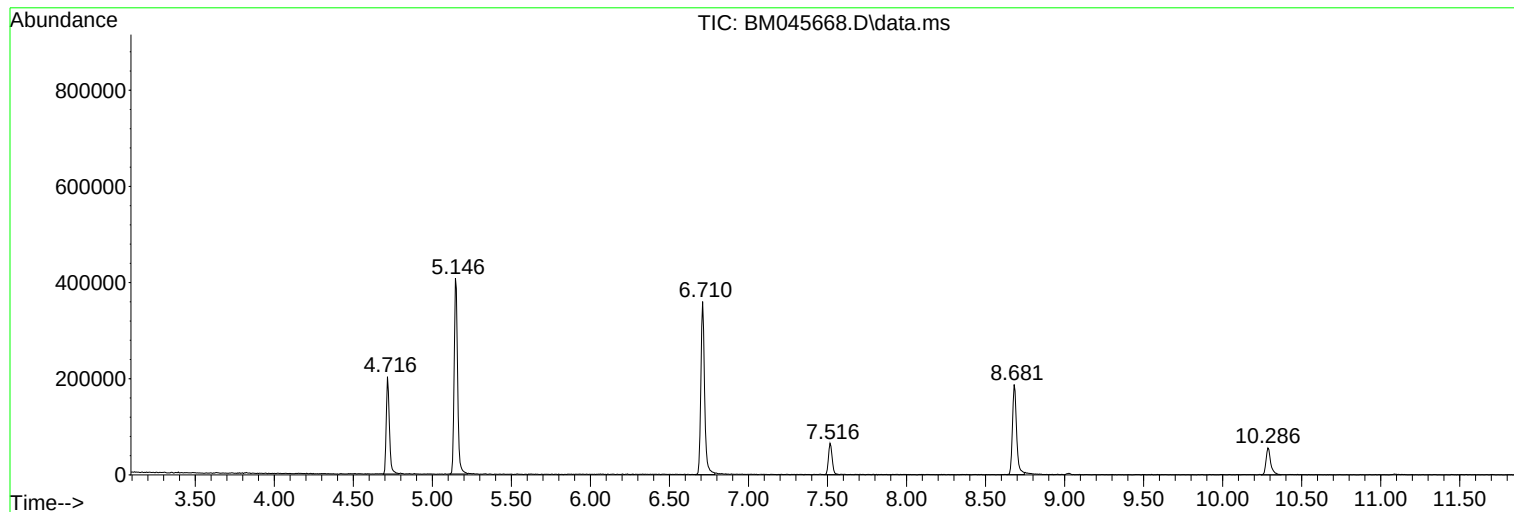
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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM043024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L

TIC Integration Parameters: LSCINT.P



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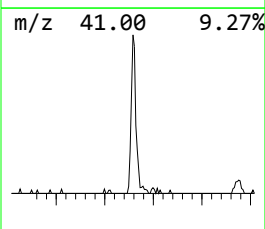
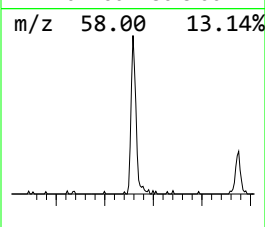
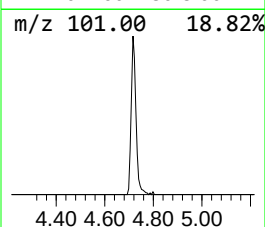
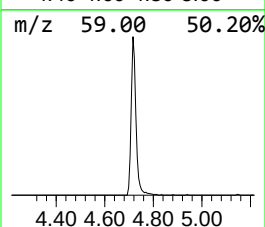
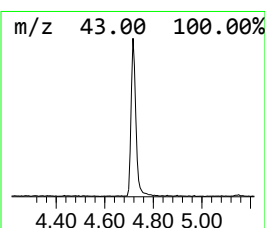
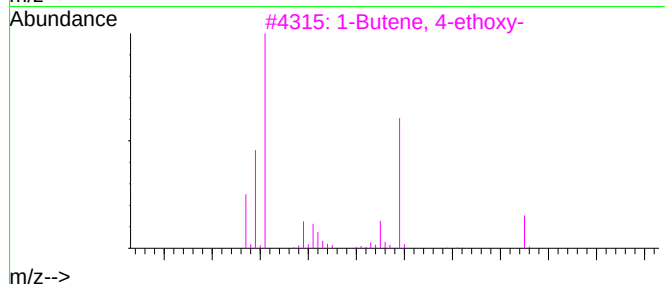
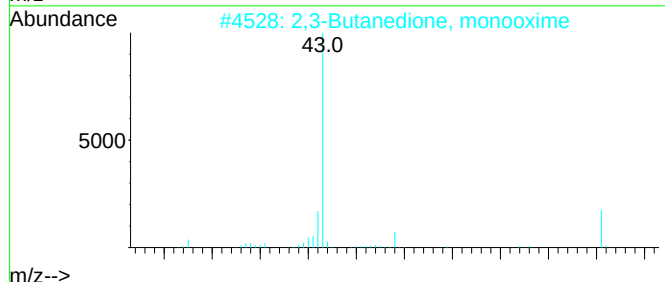
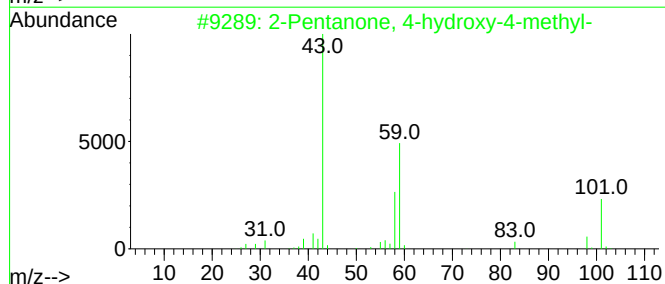
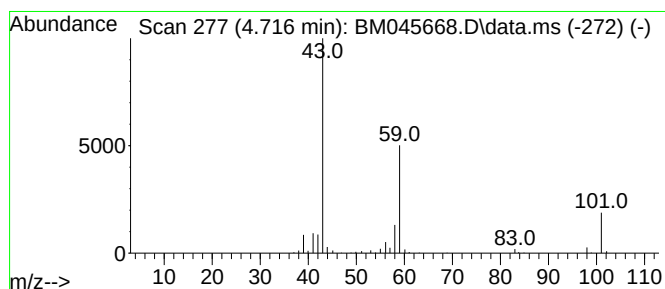
TIC Library : C:\Database\NIST20.L

TIC Integration Parameters: LSCINT.P

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.716	52.00 ng	275803	1,4-Dichlorobenzene-d4	7.516

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
2	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	27
3	1-Butene, 4-ethoxy-	100	C6H12O	044611-46-3	23
4	Butyl aldoxime, 3-methyl-, syn-	101	C5H11NO	005780-40-5	23
5	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	10



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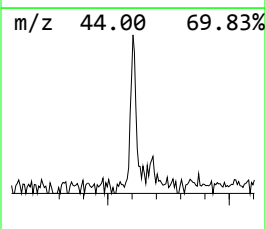
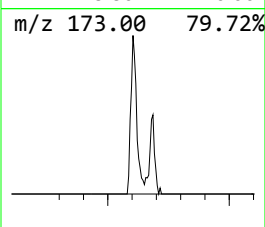
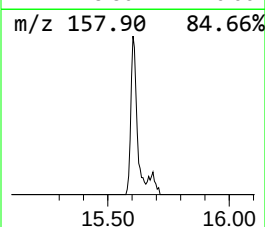
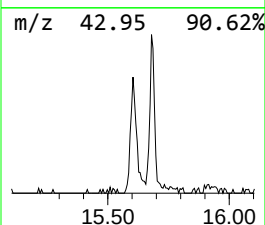
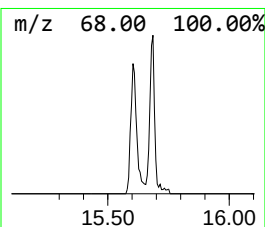
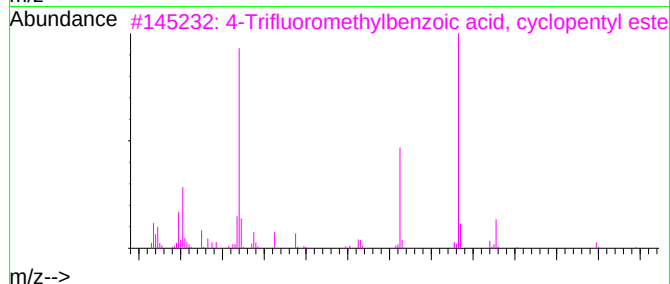
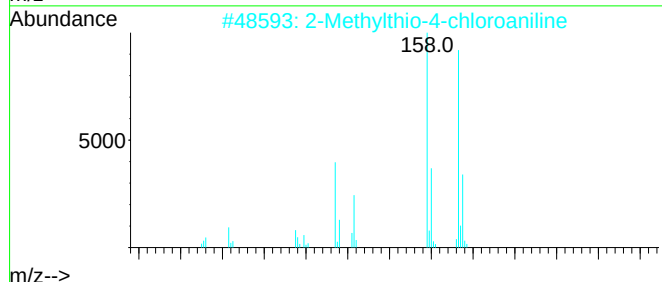
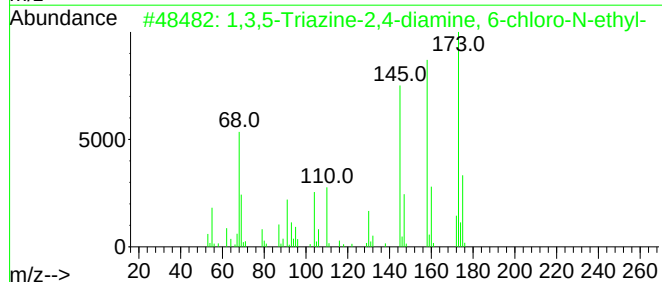
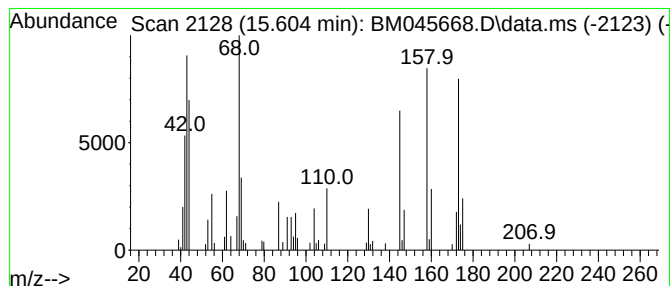
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TIC Integration Parameters: LSCINT.P

Peak Number 2 1,3,5-Triazine-2,4-diamine,... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.604	13.66 ng	91382	Phenanthrene-d10	16.939

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3,5-Triazine-2,4-diamine, 6-ch...	173	C5H8ClN5	001007-28-9	96
2	2-Methylthio-4-chloroaniline	173	C7H8ClNS	029690-21-9	38
3	4-Trifluoromethylbenzoic acid, c...	258	C13H13F3O2	1000280-03-5	35
4	1-Methyl-2-acetylintole	173	C11H11NO	016498-68-3	30
5	1-naphthalenamine, 5-methoxy-	173	C11H11NO	1000404-65-3	22



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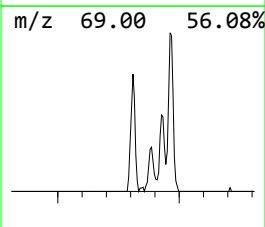
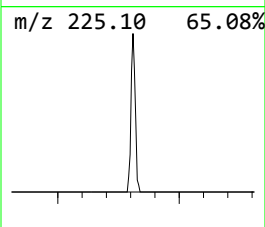
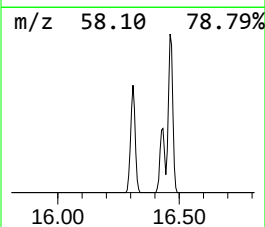
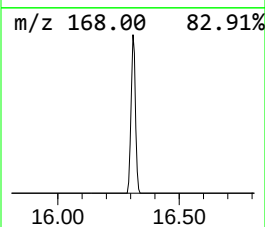
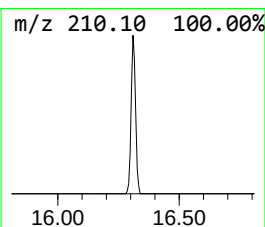
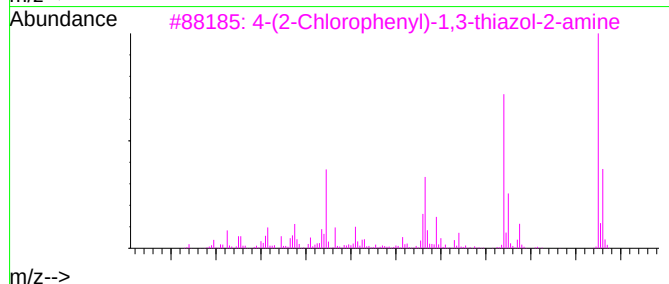
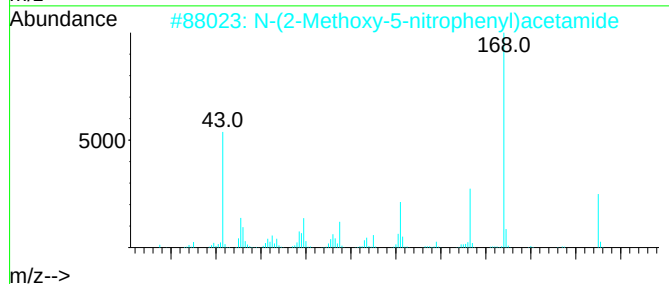
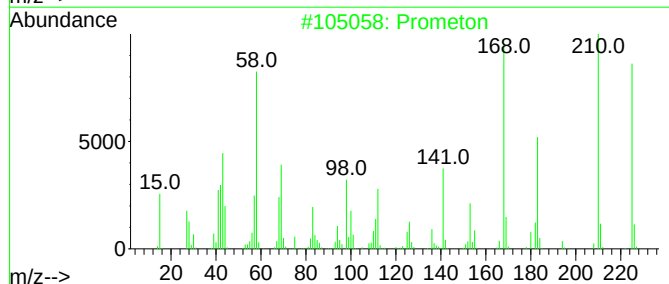
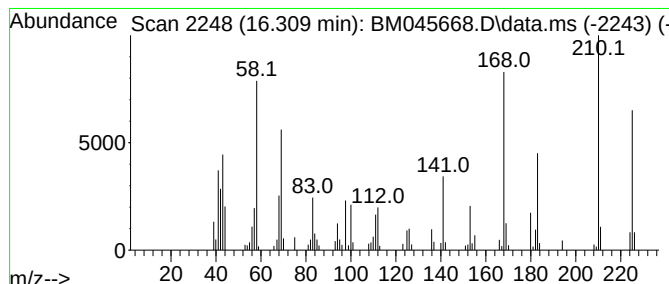
TIC Library : C:\Database\NIST20.L

TIC Integration Parameters: LSCINT.P

Peak Number 3 Prometon Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.310	18.89 ng	126343	Phenanthrene-d10	16.939

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Prometon	225	C10H19N5O	001610-18-0	98
2	N-(2-Methoxy-5-nitrophenyl)aceta...	210	C9H10N2O4	033721-54-9	30
3	4-(2-Chlorophenyl)-1,3-thiazol-2...	210	C9H7ClN2S	021344-90-1	22
4	Pyridine, 5-ethyl-2-phenyl-	183	C13H13N	066562-61-6	18
5	9(10H)-Acridinone, 4-methoxy-	225	C14H11NO2	035308-00-0	14



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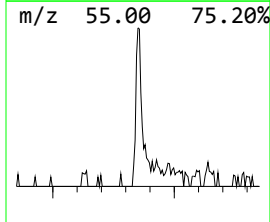
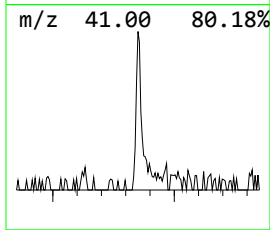
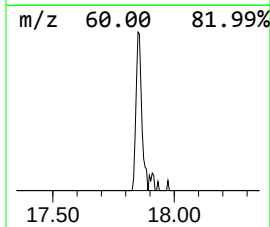
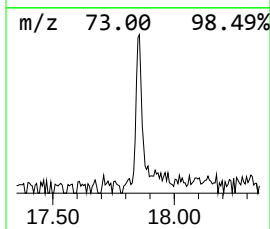
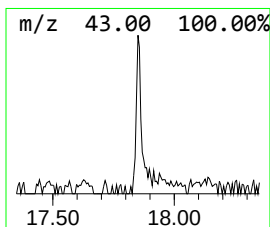
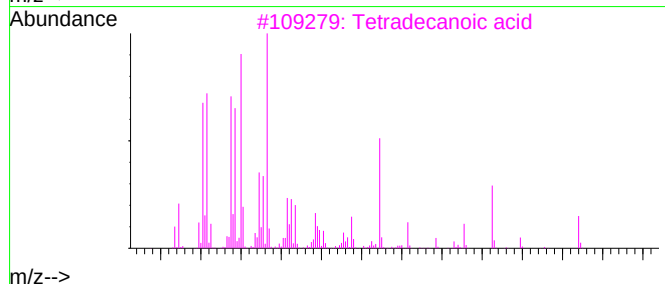
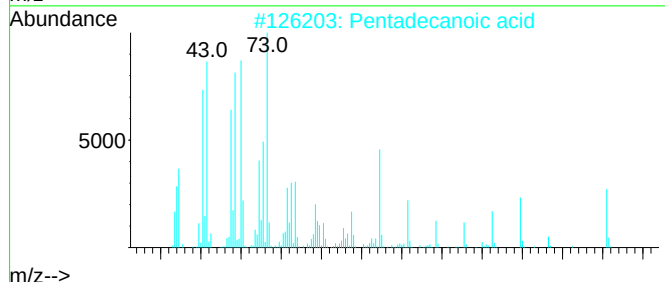
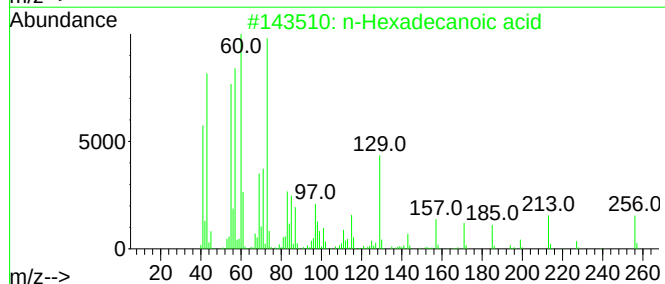
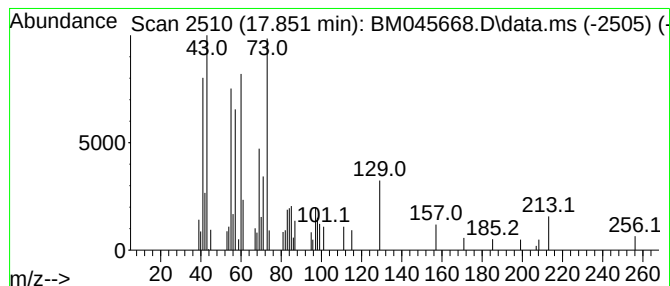
TIC Library : C:\Database\NIST20.L

TIC Integration Parameters: LSCINT.P

Peak Number 4 n-Hexadecanoic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.851	8.45 ng	56500	Phenanthrene-d10	16.939

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	86
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	64
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	53
4	Undecanoic acid	186	C11H22O2	000112-37-8	50
5	n-Decanoic acid	172	C10H20O2	000334-48-5	47



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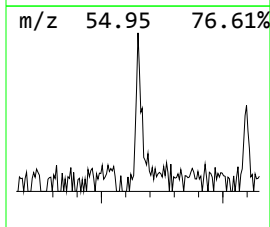
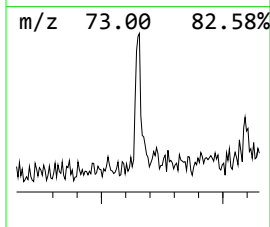
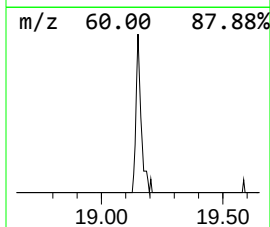
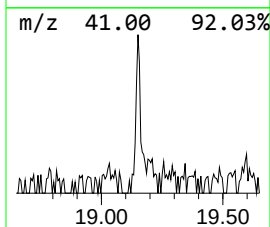
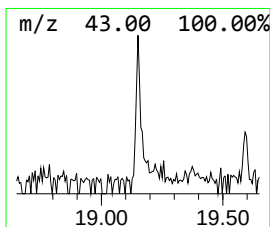
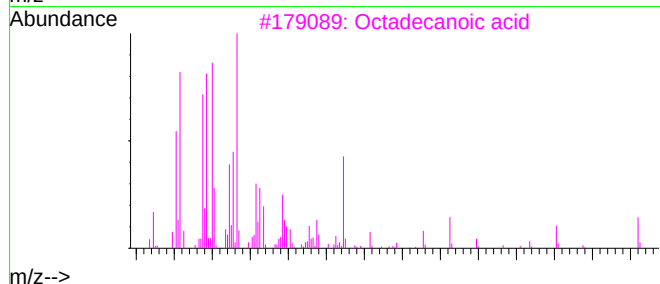
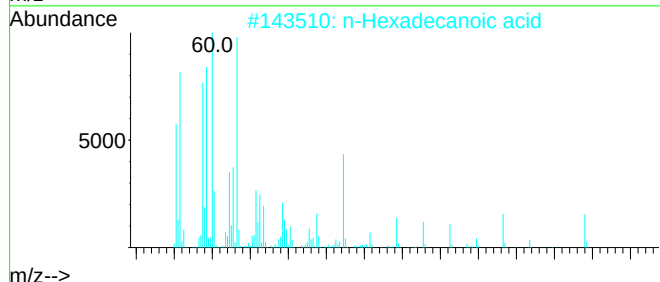
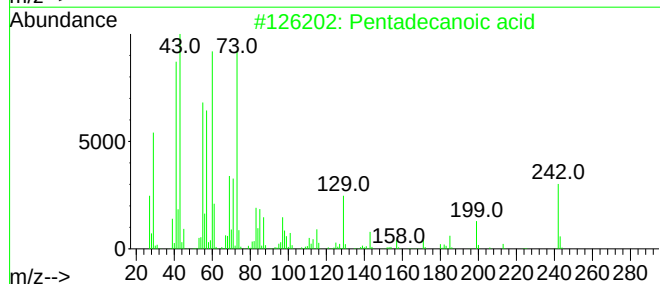
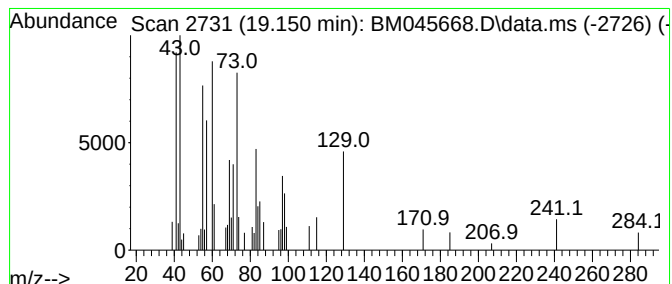
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Peak Number 5 Pentadecanoic acid Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.151	3.44 ng	37456	Chrysene-d12	21.162

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecanoic acid	242	C15H30O2	001002-84-2	53
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	52
3	Octadecanoic acid	284	C18H36O2	000057-11-4	50
4	Dodecanoic acid	200	C12H24O2	000143-07-7	50
5	n-Decanoic acid	172	C10H20O2	000334-48-5	50



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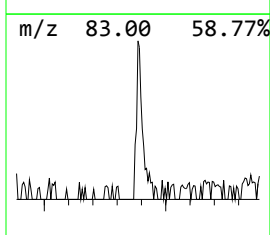
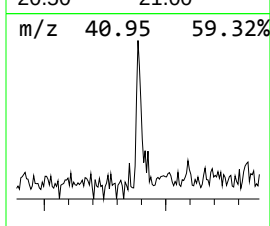
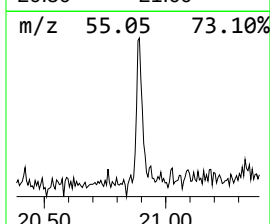
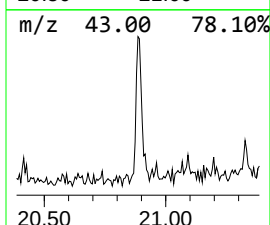
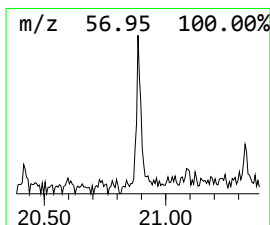
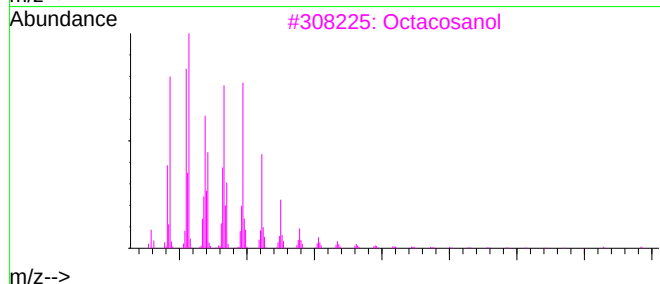
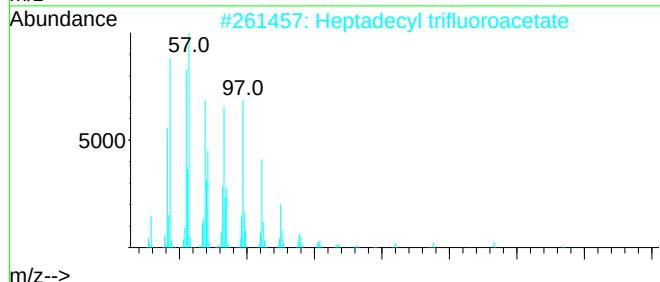
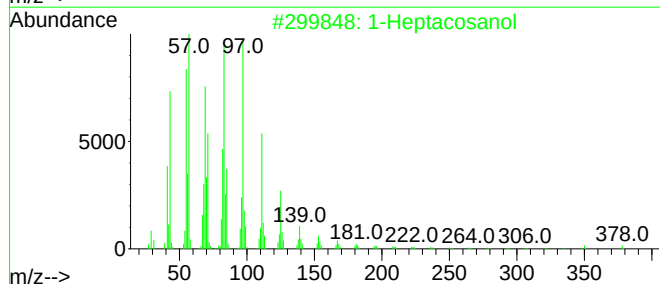
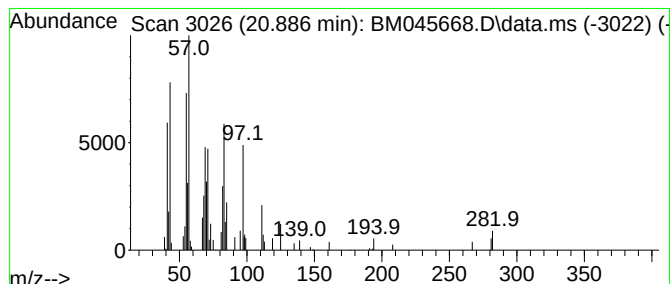
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L

TIC Integration Parameters: LSCINT.P

Peak Number 6 1-Heptacosanol Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.	
20.886	5.23 ng	56906	Chrysene-d12	21.162	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Heptacosanol	396	C27H56O	002004-39-9	90
2	Heptadecyl trifluoroacetate	352	C19H35F3O2	1010351-87-0	87
3	Octacosanol	410	C28H58O	000557-61-9	87
4	Butyl tetracosyl ether	410	C28H58O	1000406-40-9	86
5	Butyl docosyl ether	382	C26H54O	1000406-40-8	86



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050224\
Data File : BM045668.D
Acq On : 02 May 2024 12:42
Operator : MA/JU
Sample : P2252-12
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
PT-TRIAZINE-SOIL

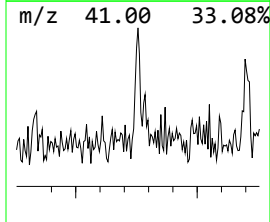
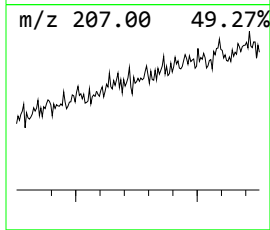
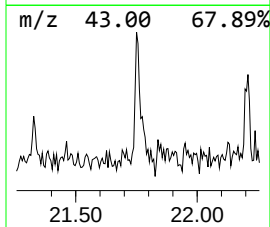
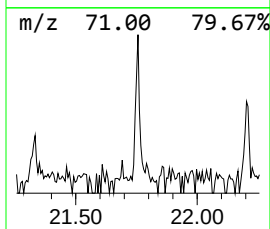
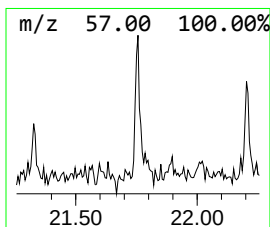
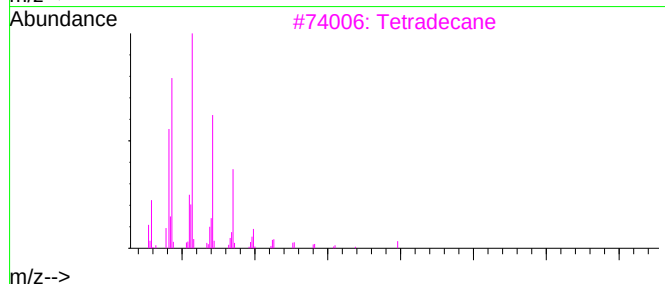
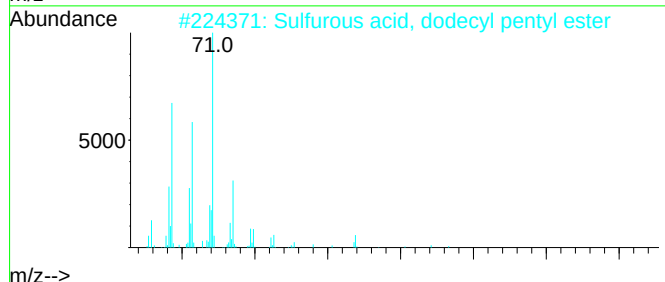
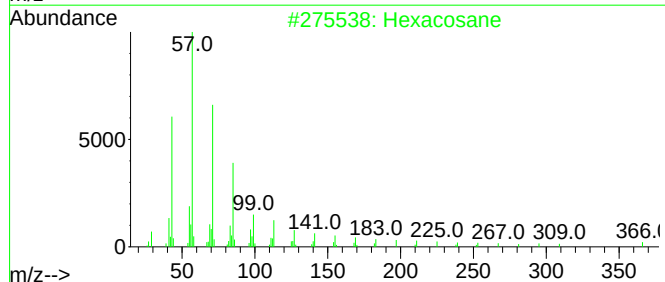
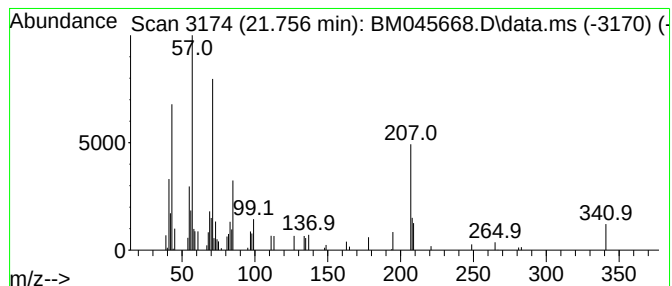
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L

TIC Integration Parameters: LSCINT.P

Peak Number 7 unknown21.756 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.	
21.756	2.07 ng	22547	Chrysene-d12	21.162	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexacosane	366	C26H54	000630-01-3	46
2	Sulfurous acid, dodecyl pentyl e...	320	C17H36O3S	1000309-14-5	46
3	Tetradecane	198	C14H30	000629-59-4	46
4	Sulfurous acid, pentyl tetradecy...	348	C19H40O3S	1010309-14-7	38
5	Heptacosane	380	C27H56	000593-49-7	38



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050224\
Data File : BM045668.D
Acq On : 02 May 2024 12:42
Operator : MA/JU
Sample : P2252-12
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
PT-TRIAZINE-SOIL

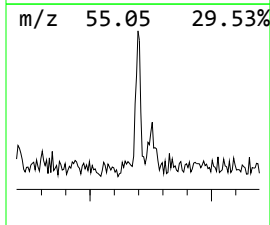
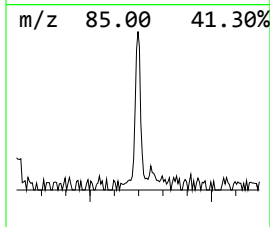
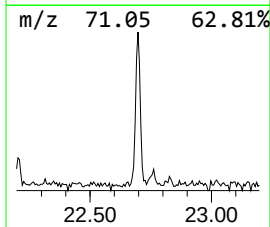
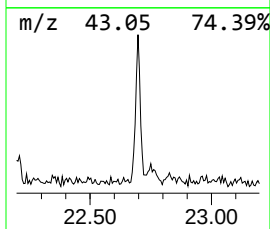
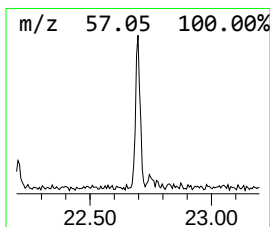
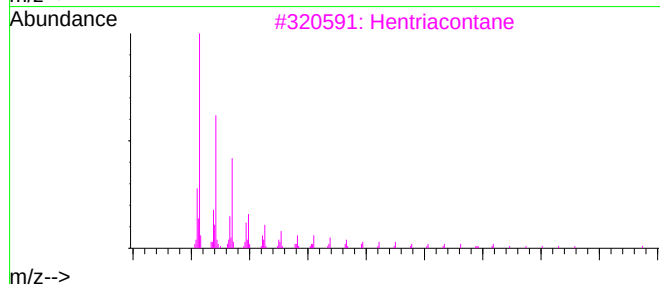
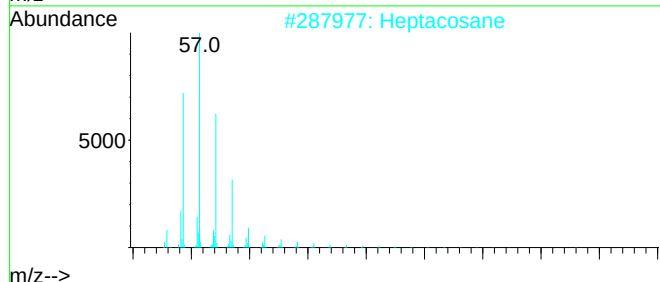
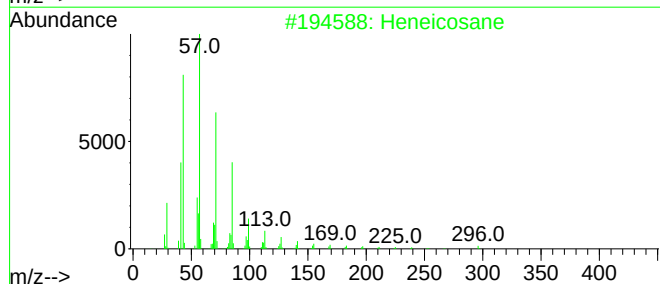
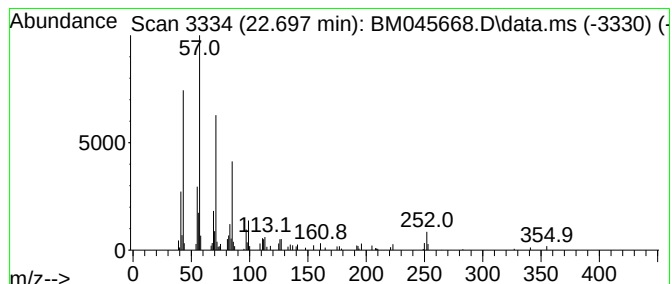
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L

TIC Integration Parameters: LSCINT.P

Peak Number 8 Heneicosane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD		R.T.	
22.697	4.56 ng	67409	Perylene-d12		23.344	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Heneicosane		296	C21H44	000629-94-7	83
2	Heptacosane		380	C27H56	000593-49-7	80
3	Hentriacontane		437	C31H64	000630-04-6	80
4	Octadecane, 2-methyl-		268	C19H40	001560-88-9	80
5	Octacosane		394	C28H58	000630-02-4	80



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050224\
Data File : BM045668.D
Acq On : 02 May 2024 12:42
Operator : MA/JU
Sample : P2252-12
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
PT-TRIAZINE-SOIL

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM043024.M
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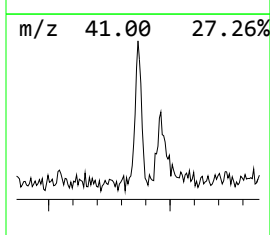
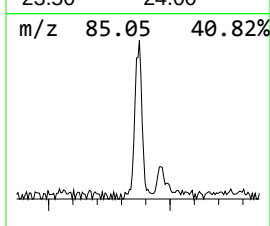
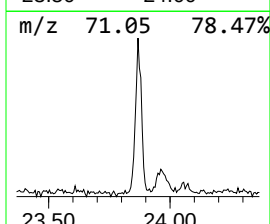
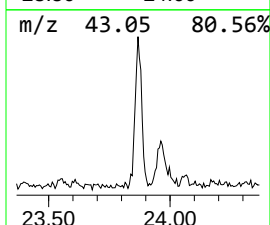
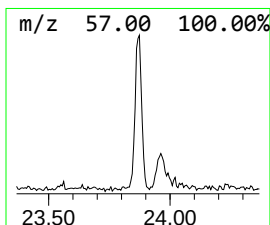
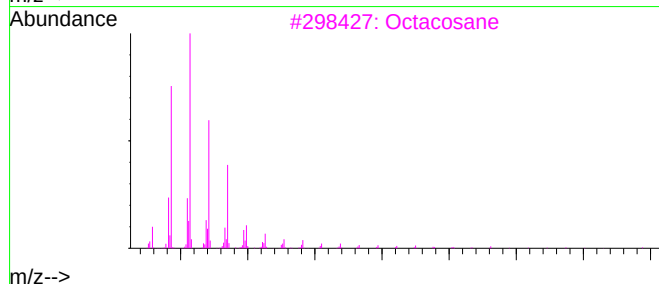
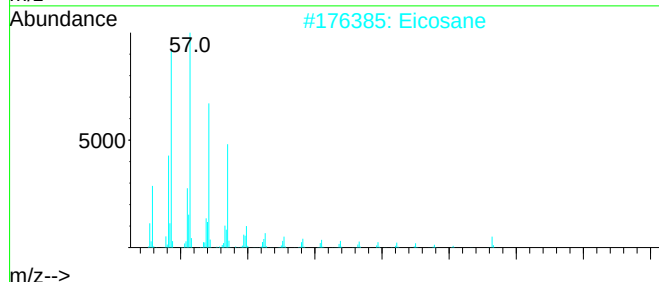
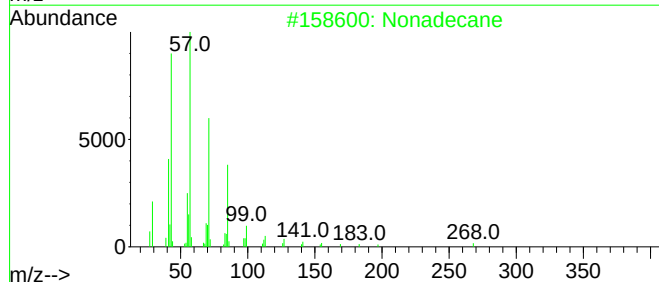
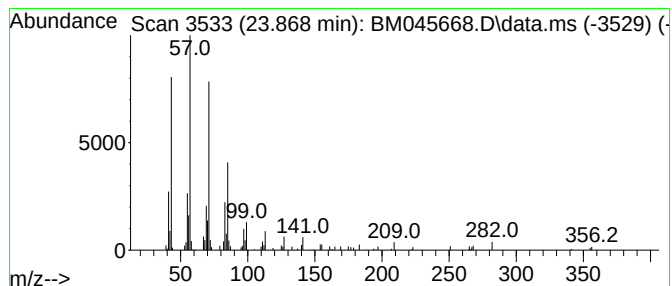
TIC Library : C:\Database\NIST20.L

TIC Integration Parameters: LSCINT.P

Peak Number 9 Nonadecane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.868	8.56 ng	126500	Perylene-d12	23.344

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane	268	C19H40	000629-92-5	95
2	Eicosane	282	C20H42	000112-95-8	91
3	Octacosane	394	C28H58	000630-02-4	83
4	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	83
5	Docosane, 11-butyl-	366	C26H54	013475-76-8	83



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050224\
Data File : BM045668.D
Acq On : 02 May 2024 12:42
Operator : MA/JU
Sample : P2252-12
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
PT-TRIAZINE-SOIL

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM043024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

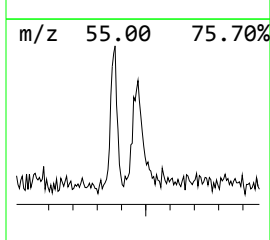
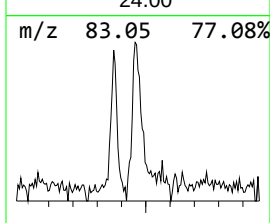
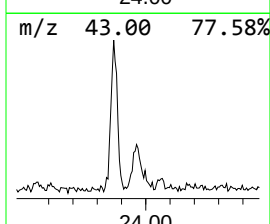
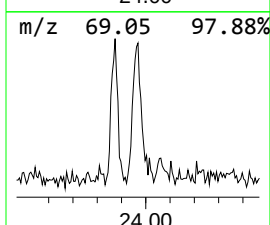
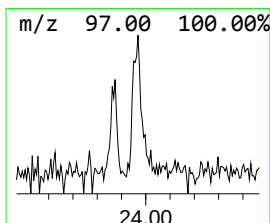
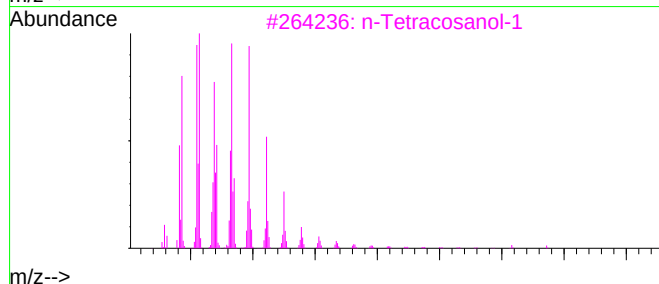
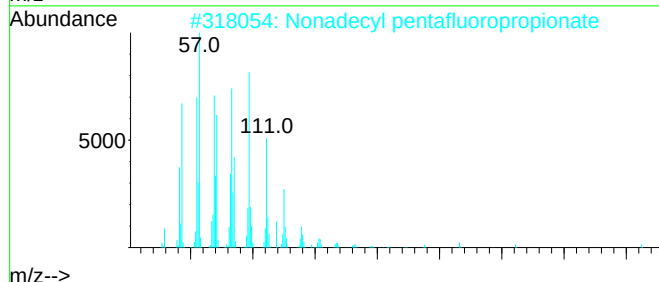
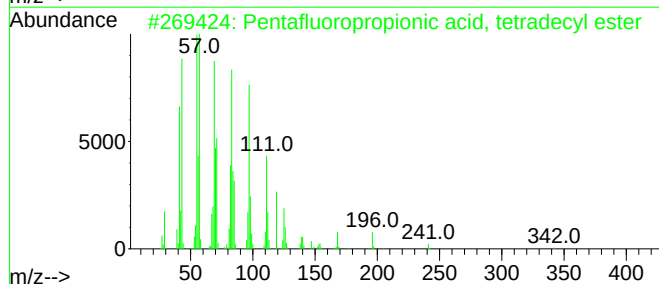
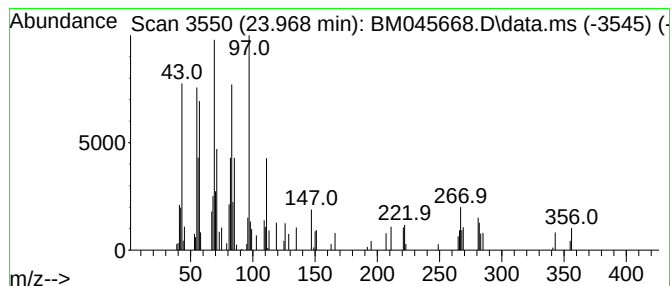
TIC Library : C:\Database\NIST20.L

TIC Integration Parameters: LSCINT.P

Peak Number 10 Pentafluoropropionic acid, ... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.968	4.71 ng	69591	Perylene-d12	23.344

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentafluoropropionic acid, tetra...	360	C17H29F5O2	006222-06-6	80
2	Nonadecyl pentafluoropropionate	430	C22H39F5O2	1000351-88-8	45
3	n-Tetracosanol-1	354	C24H50O	000506-51-4	45
4	1-Heptacosanol	396	C27H56O	002004-39-9	45
5	1-Hexacosanol	382	C26H54O	000506-52-5	45



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050224\
Data File : BM045668.D
Acq On : 02 May 2024 12:42
Operator : MA/JU
Sample : P2252-12
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
PT-TRIAZINE-SOIL

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM043024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

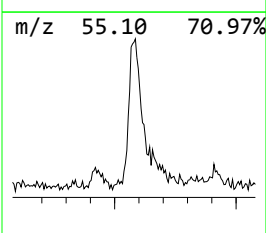
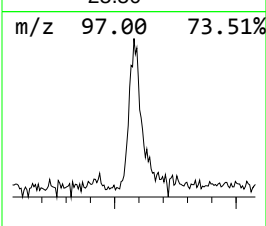
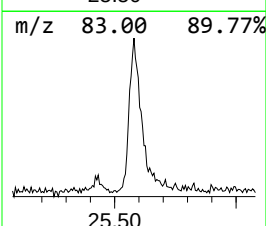
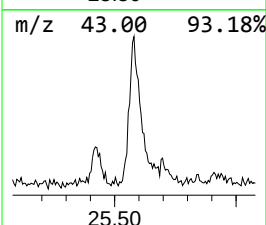
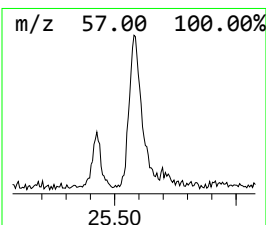
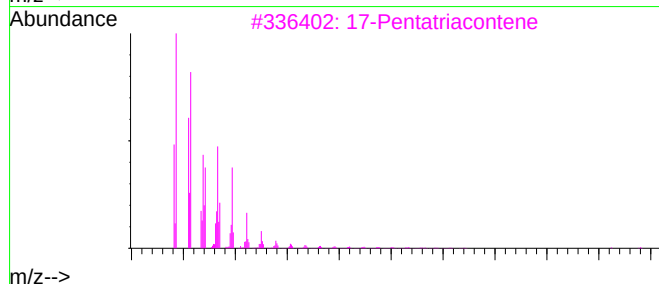
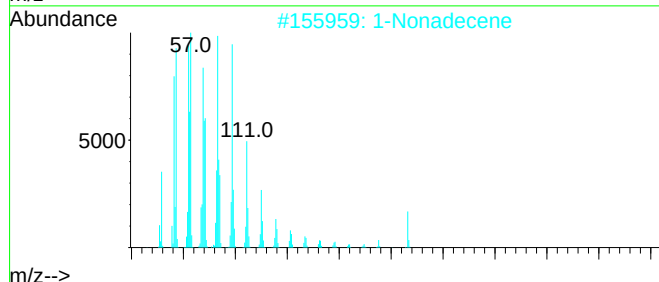
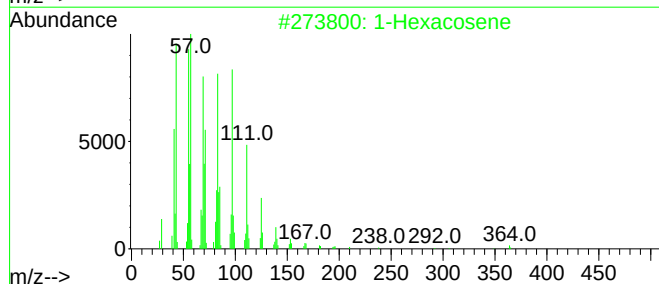
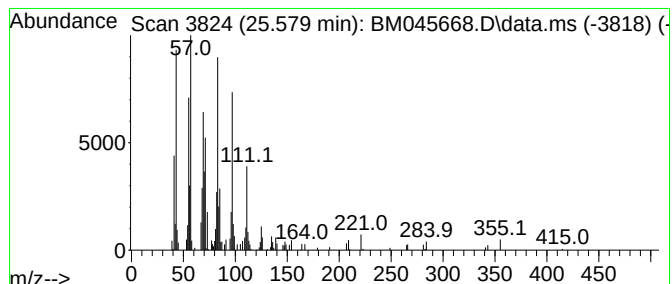
TIC Library : C:\Database\NIST20.L

TIC Integration Parameters: LSCINT.P

Peak Number 11 1-Hexacosene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.579	13.98 ng	206493	Perylene-d12	23.344

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Hexacosene	364	C26H52	018835-33-1	90
2	1-Nonadecene	266	C19H38	018435-45-5	83
3	17-Pentatriacontene	491	C35H70	006971-40-0	72
4	Triacontan-15-ol	438	C30H62O	031849-26-0	68
5	Pentadecafluorooctanoic acid, oc...	666	C26H37F15O2	1000406-04-8	53



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050224\
Data File : BM045668.D
Acq On : 02 May 2024 12:42
Operator : MA/JU
Sample : P2252-12
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
PT-TRIAZINE-SOIL

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM043024.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
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1,3,5-Triazine-...	15.604	13.7	ng	91382	4	16.939	133801	20.0
Prometon	16.310	18.9	ng	126343	4	16.939	133801	20.0
n-Hexadecanoic ...	17.851	8.4	ng	56500	4	16.939	133801	20.0
Pentadecanoic acid	19.151	3.4	ng	37456	5	21.162	217757	20.0
1-Heptacosanol	20.886	5.2	ng	56906	5	21.162	217757	20.0
unknown21.756	21.756	2.1	ng	22547	5	21.162	217757	20.0
Heneicosane	22.697	4.6	ng	67409	6	23.344	295478	20.0
Nonadecane	23.868	8.6	ng	126500	6	23.344	295478	20.0
Pentafluoroprop...	23.968	4.7	ng	69591	6	23.344	295478	20.0
1-Hexacosene	25.579	14.0	ng	206493	6	23.344	295478	20.0