LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM111023\
Data File : BM042698.D
Acq On : 10 Nov 2023 19:10
Operator : MA/JU
Sample : 05252-01 5X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
WASTE

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_M\Methods\8270-BM103023.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BM042698.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.381	401	407	419	rBV	171159	285203	7.20%	2.545%
2	7.016	678	685	703	rBV	163086	312307	7.88%	2.786%
3	7.846	818	826	844	rBV	262817	454128	11.46%	4.052%
4	9.045	1025	1030	1038	rBV	98200	179944	4.54%	1.605%
5	10.663	1298	1305	1313	rBV	344692	572358	14.44%	5.107%
6	13.122	1717	1723	1735	rBV	323249	469948	11.86%	4.193%
7	14.504	1952	1958	1969	rBV	532302	752528	18.99%	6.714%
8	15.827	2179	2183	2188	rBV	120688	132607	3.35%	1.183%
9	15.998	2207	2212	2222	rBV	237905	352864	8.90%	3.148%
10	17.257	2421	2426	2432	rBV	544885	689291	17.39%	6.150%
11	18.033	2554	2558	2563	rBV	484445	577686	14.57%	5.154%
12	18.110	2567	2571	2581	rBV	107780	181461	4.58%	1.619%
13	19.315	2774	2776	2782	rVB2	59680	71542	1.80%	0.638%
14	19.392	2787	2789	2799	rVB7	43589	90554	2.28%	0.808%
15	19.704	2840	2842	2846	rVB	88213	90770	2.29%	0.810%
16	19.874	2867	2871	2876	rBV	402251	488529	12.32%	4.359%
17	21.056	3067	3072	3076	rVB	3803909	3963725	100.00%	35.364%
18	21.309	3112	3115	3118	rVB	127027	131046	3.31%	1.169%
19	21.445	3133	3138	3142	rBV	474370	665494	16.79%	5.937%
20	22.262	3275	3277	3285	rVB	129762	145949	3.68%	1.302%
21	23.821	3537	3542	3549	rVB	313395	600413	15.15%	5.357%

Sum of corrected areas: 11208347

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM111023\
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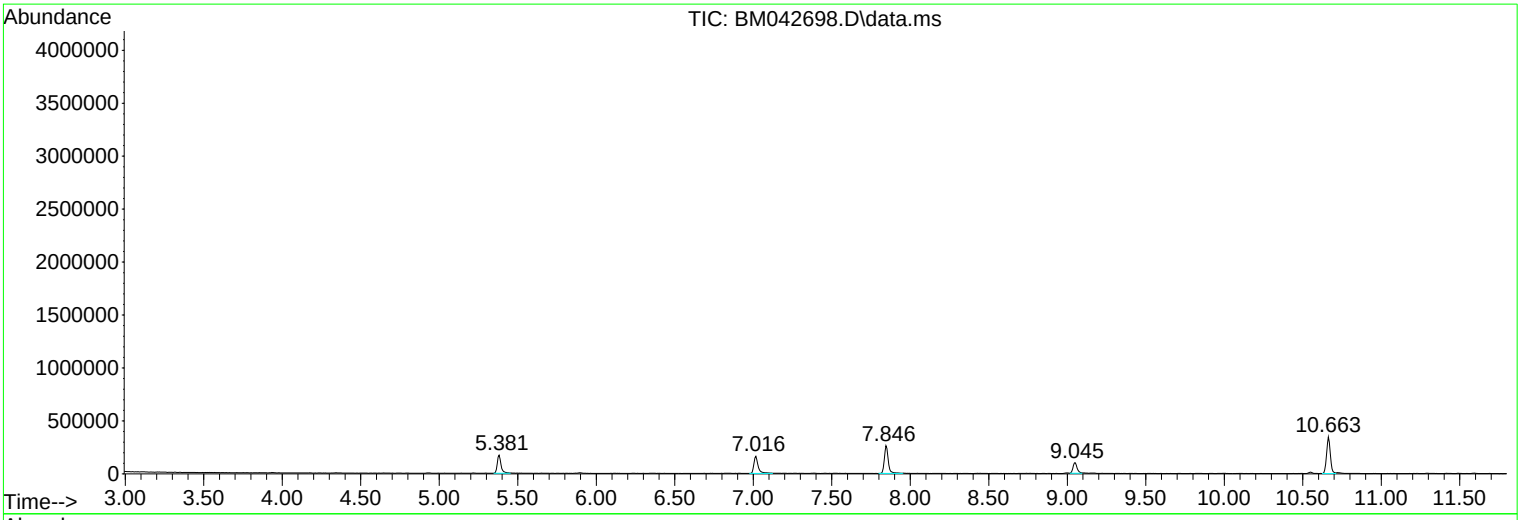
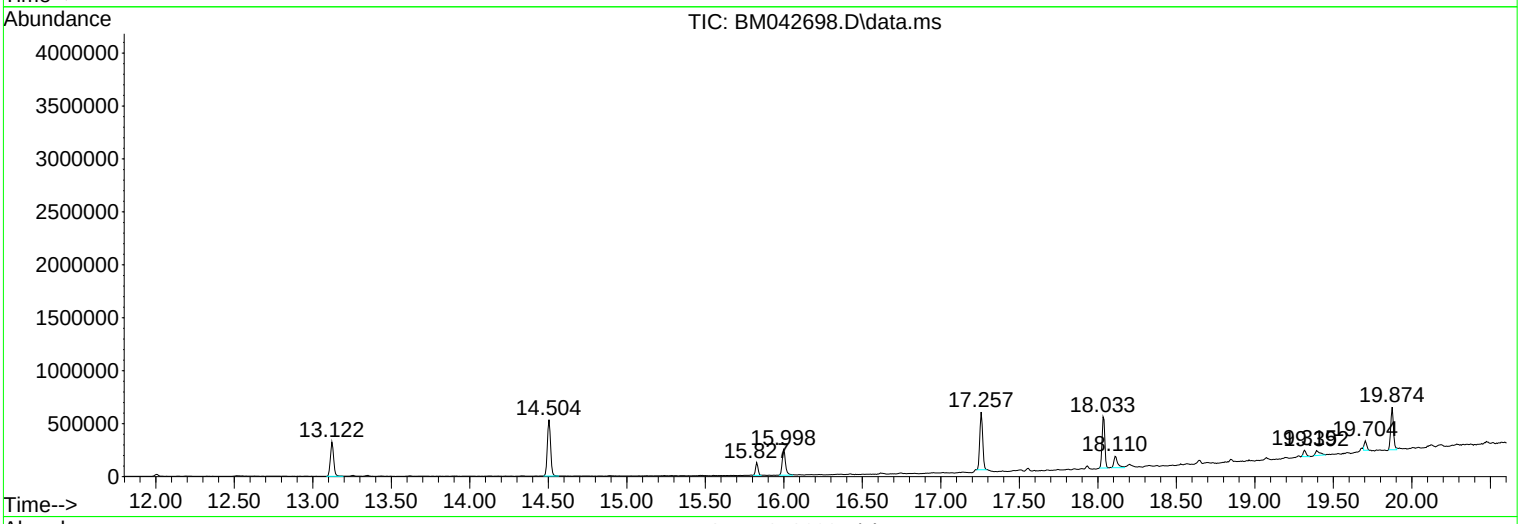
Sample : 05252-01 5X
Misc :
ALS Vial : 15 Sample Multiplier: 1

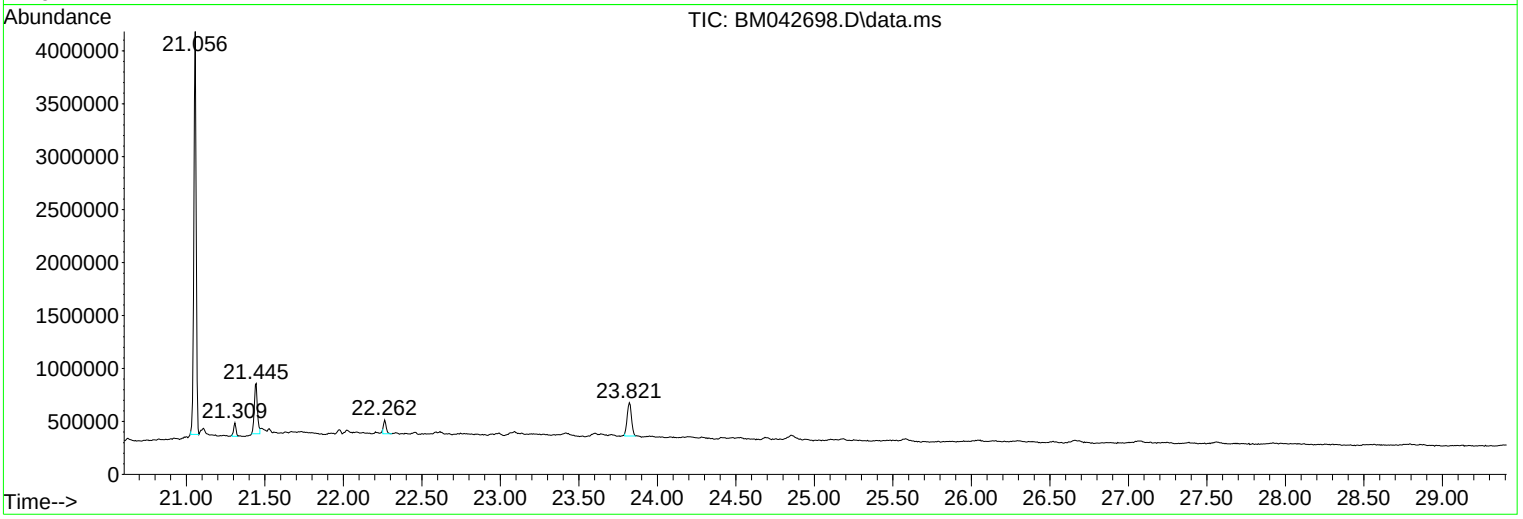
Instrument :
BNA_M
ClientSampleId :
WASTE

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM103023.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 : BM042698.D
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

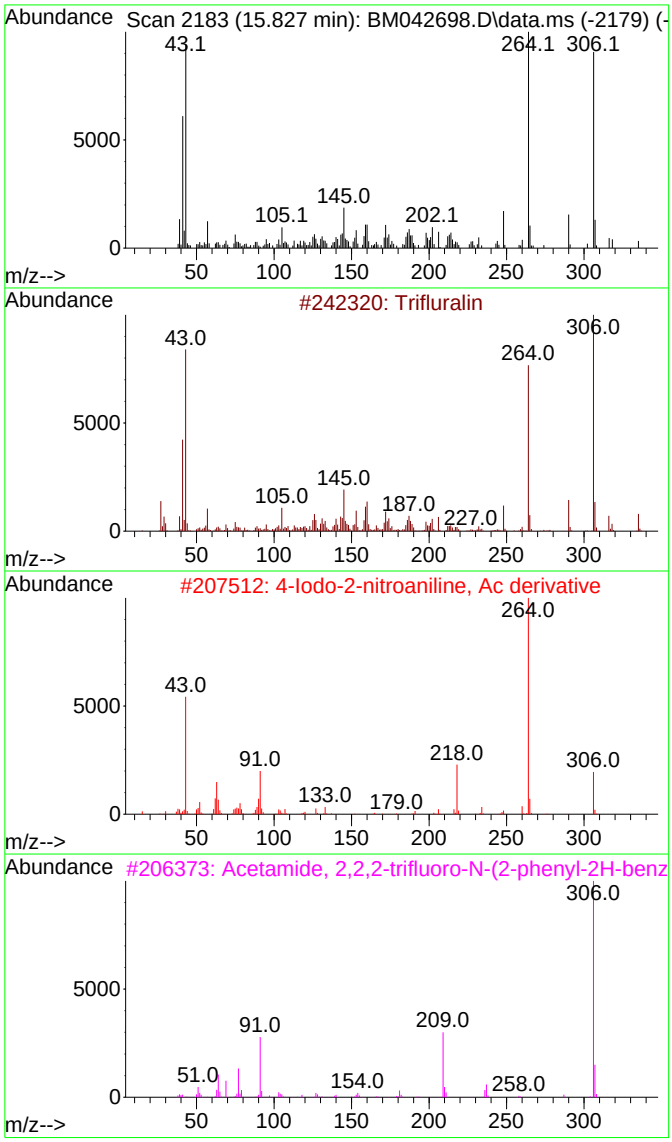
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

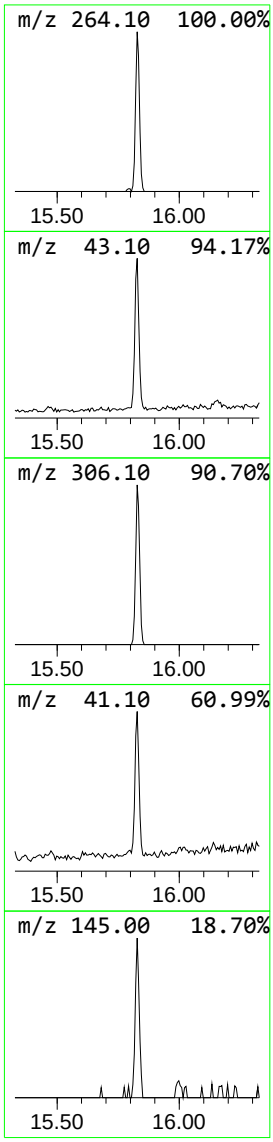
****

Peak Number 1 Trifluralin Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.827	3.52 ng	132607	Acenaphthene-d10	14.504

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Trifluralin	335	C13H16F3N3O4	001582-09-8	99
2	4-Iodo-2-nitroaniline, Ac deriva...	306	C8H7IN2O3	1000494-76-3	64
3	Acetamide, 2,2,2-trifluoro-N-(2-...	306	C14H9F3N4O	350700-28-6	30
4	2,3,4,5-Tetrahydro-2-methyl-6-(2...	264	C10H8N4O5	017427-31-5	30
5	2,4-Dimethoxyiodobenzene	264	C8H9IO2	020469-63-0	27





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Data File : BM042698.D
Acq On : 10 Nov 2023 19:10
Operator : MA/JU
Sample : 05252-01 5X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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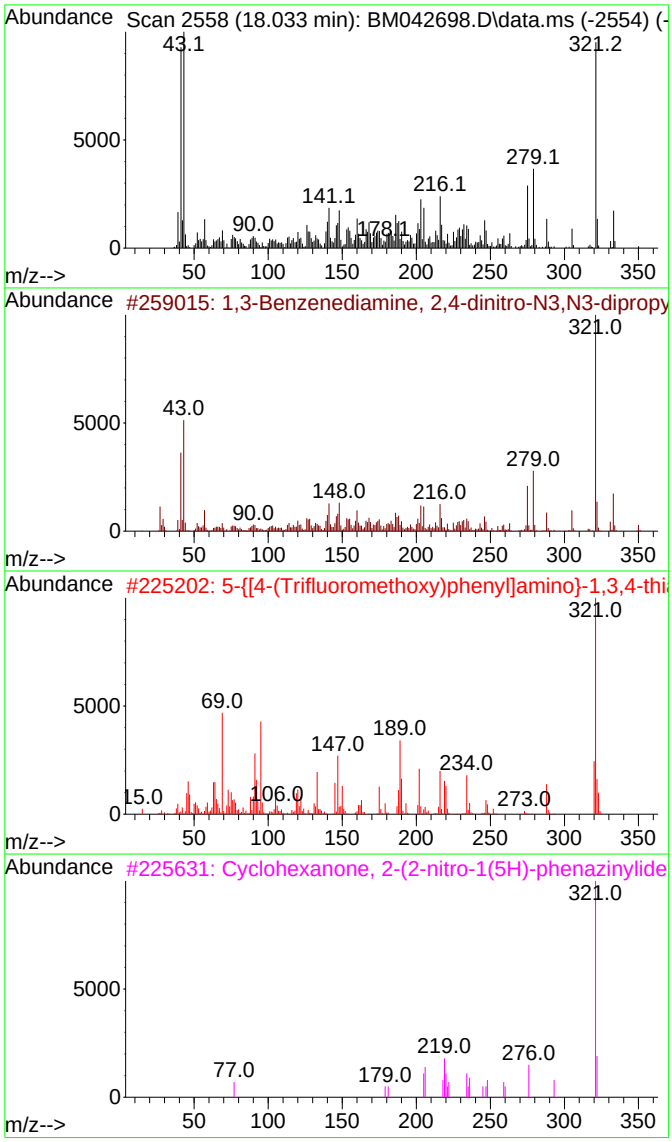
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

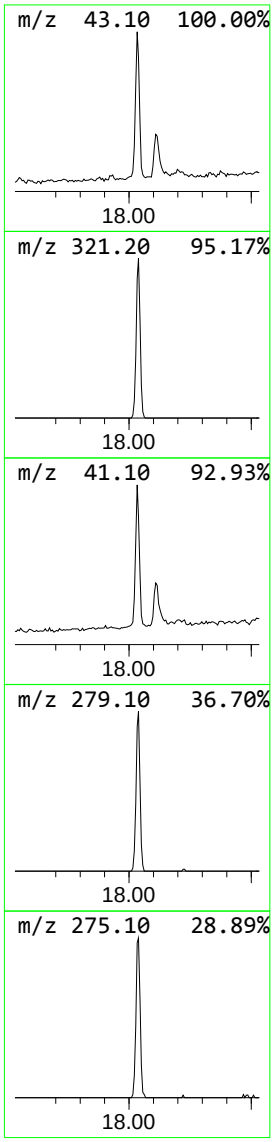
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 1,3-Benzenediamine, 2,4-din... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.033	16.76 ng	577686	Phenanthrene-d10	17.257

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3-Benzenediamine, 2,4-dinitro-...	350	C13H17F3N4O4	029091-21-2	97
2	5-{[4-(Trifluoromethoxy)phenyl]a...	321	C11H10F3N3OS2	1000507-70-1	49
3	Cyclohexanone, 2-(2-nitro-1(5H)-...	321	C18H15N3O3	021589-32-2	43
4	4-Amino-5-nitro-6-[3,4,5-trimeth...	321	C13H15N5O5	1000254-14-1	38
5	3,4,5-Trimethoxy-4'-nitrodipheny...	321	C15H15NO5S	024891-42-7	38





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Data File : BM042698.D
Acq On : 10 Nov 2023 19:10
Operator : MA/JU
Sample : 05252-01 5X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
WASTE

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM103023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
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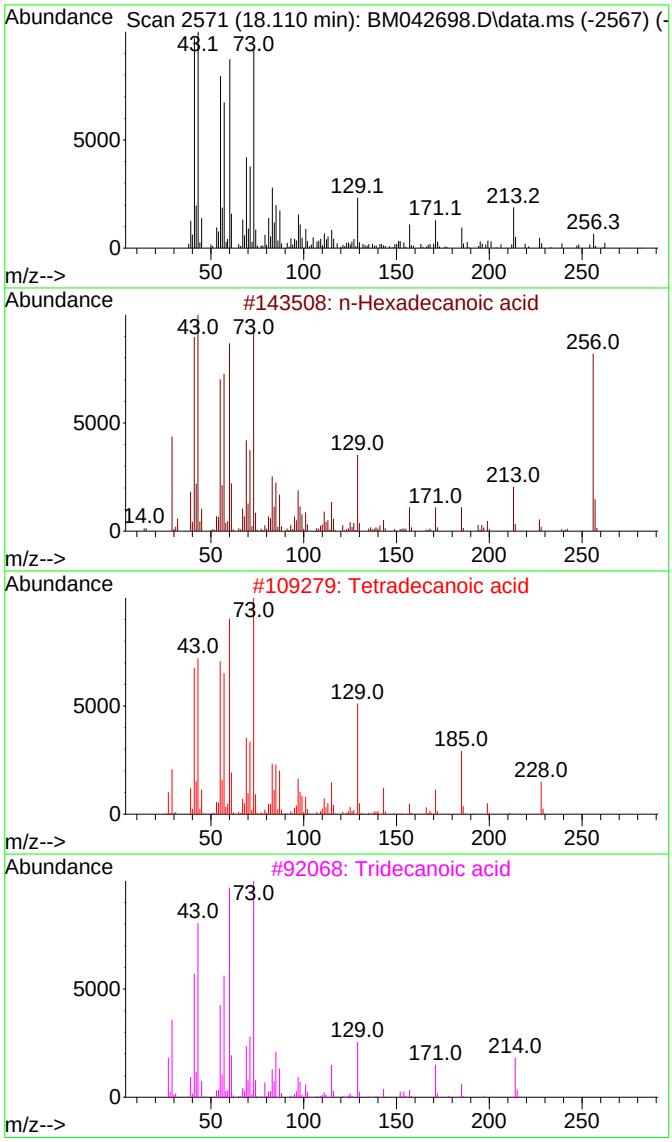
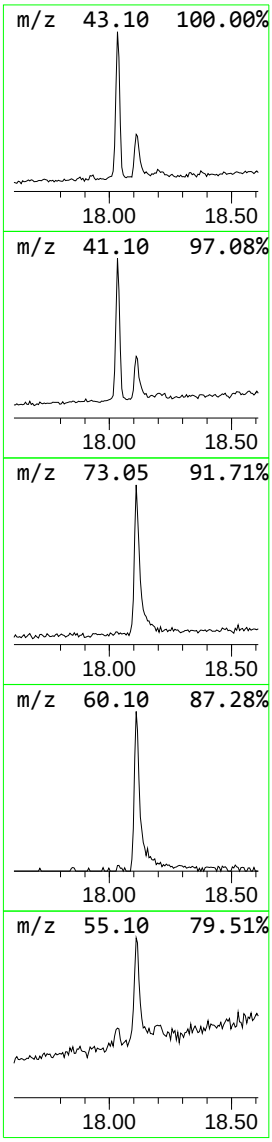
****

Peak Number 3 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.110	5.27 ng	181461	Phenanthrene-d10	17.257

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	97
2	Tetradecanoic acid	228	C14H28O2	000544-63-8	87
3	Tridecanoic acid	214	C13H26O2	000638-53-9	87
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	74
5	Undecanoic acid	186	C11H22O2	000112-37-8	72





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Acq On : 10 Nov 2023 19:10
Operator : MA/JU
Sample : 05252-01 5X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
WASTE

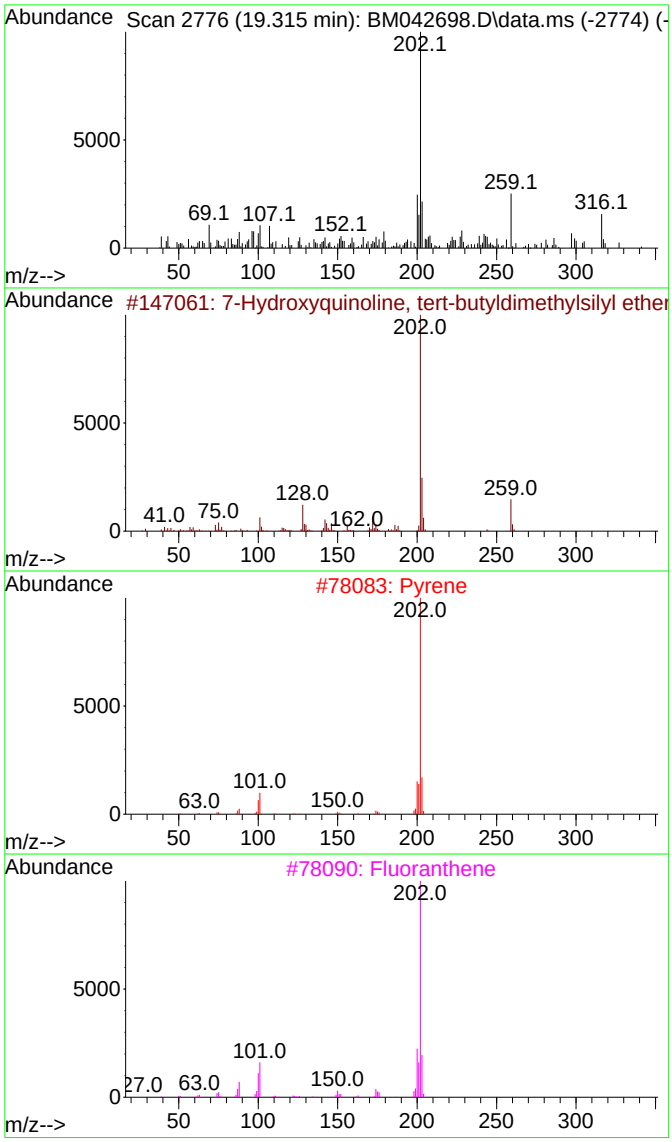
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM103023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

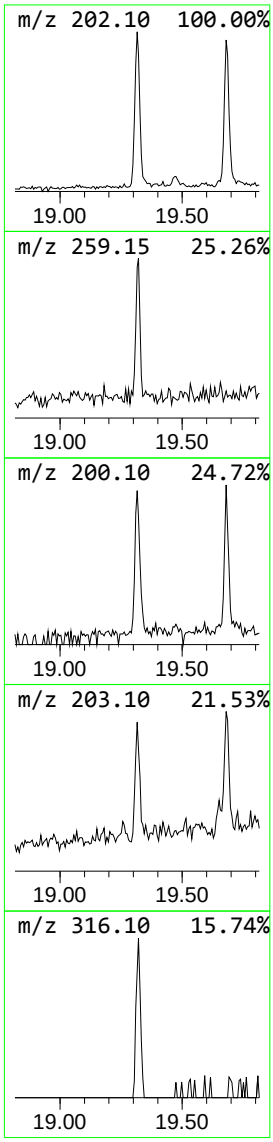
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 7-Hydroxyquinoline, tert-bu... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.315	2.08 ng	71542	Phenanthrene-d10	17.257

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	7-Hydroxyquinoline, tert-butyldi...	259	C15H21NOSi	867164-58-7	50
2	Pyrene	202	C16H10	000129-00-0	49
3	Fluoranthene	202	C16H10	000206-44-0	49
4	Benzene, 1,1'-(1,3-butadiyne-1,4...	202	C16H10	000886-66-8	49
5	4,4'-Bis(tetrahydrothiopyran)	202	C10H18S2	116196-83-9	38





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Acq On : 10 Nov 2023 19:10
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Sample : 05252-01 5X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM103023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

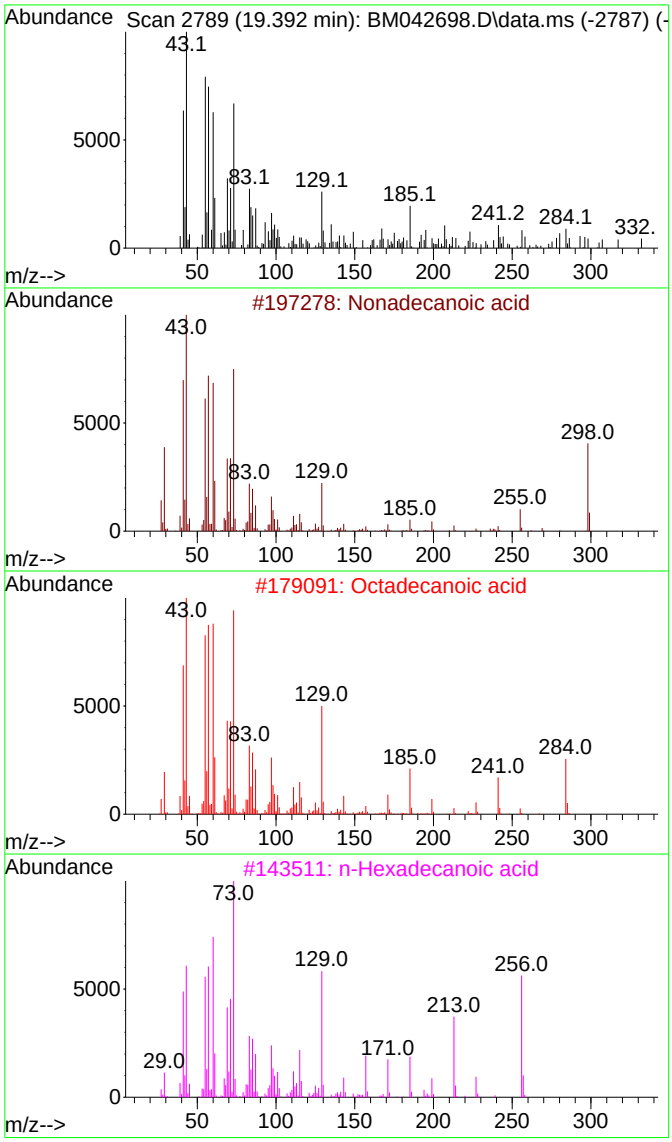
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

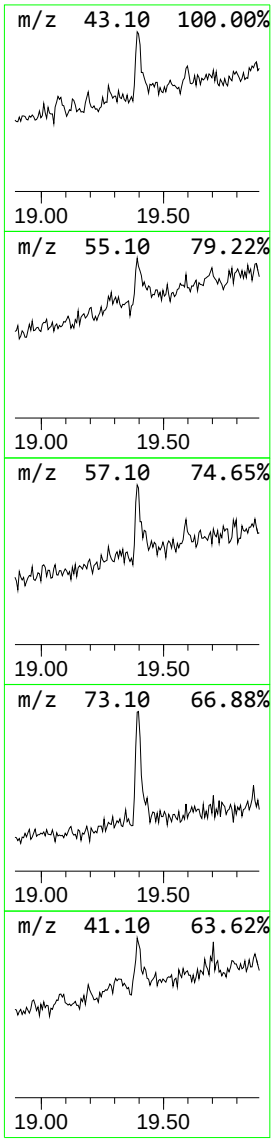
****

Peak Number 5 Nonadecanoic acid Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.392	2.72 ng	90554	Chrysene-d12	21.439

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecanoic acid	298	C19H38O2	000646-30-0	90
2	Octadecanoic acid	284	C18H36O2	000057-11-4	89
3	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	70
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	55
5	Tridecanoic acid	214	C13H26O2	000638-53-9	46





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Instrument :
BNA_M
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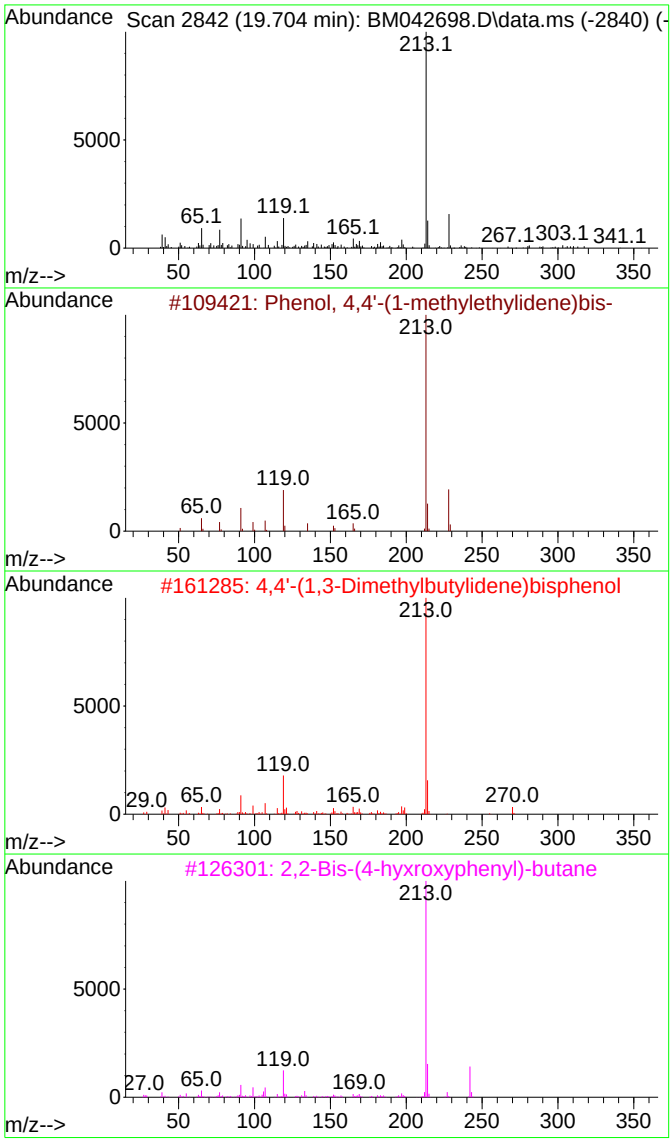
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM103023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

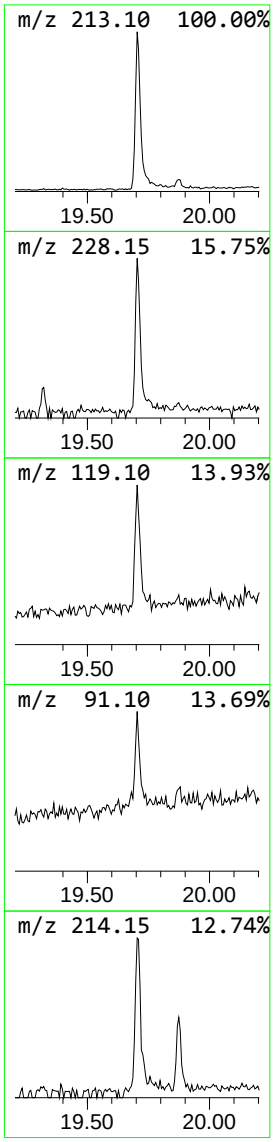
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 Phenol, 4,4'-(1-methylethyl... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.704	2.73 ng	90770	Chrysene-d12	21.439

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 4,4'-(1-methylethylidene...	228	C15H16O2	000080-05-7	91
2	4,4'-(1,3-Dimethylbutylidene)bis...	270	C18H22O2	006807-17-6	83
3	2,2-Bis-(4-hyxroxyphenyl)-butane	242	C16H18O2	000077-40-7	64
4	5-Fluoro-2-nitrophenylamine, TMS...	228	C9H13FN2O2Si	1000484-54-5	64
5	2H,8H-Benzo[1,2-b:3,4-b']dipyran...	228	C14H12O3	000523-59-1	59





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Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
WASTE

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM103023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

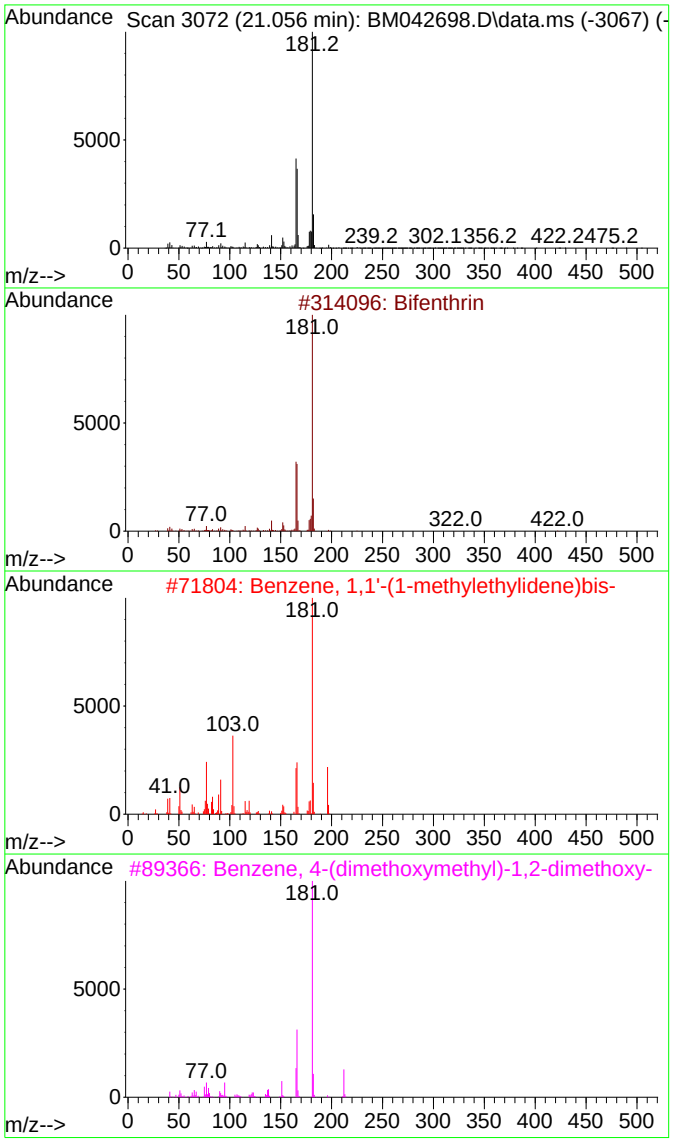
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

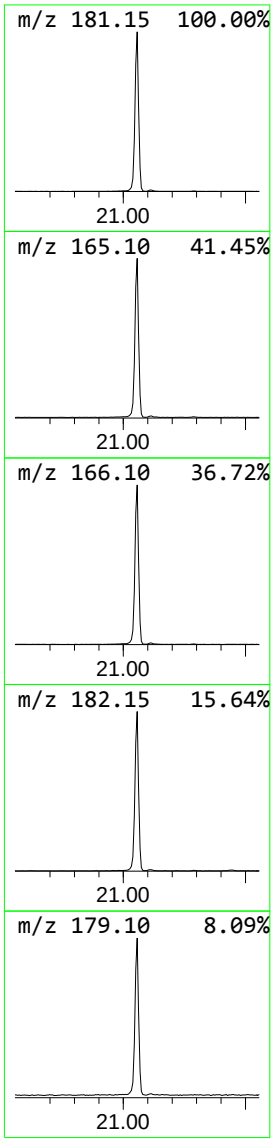
****

Peak Number 7 Bifenthrin Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.056	119.12 ng	3963730	Chrysene-d12	21.439

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Bifenthrin	422	C23H22ClF3O2	082657-04-3	91
2	Benzene, 1,1'-(1-methylethyliden...	196	C15H16	000778-22-3	64
3	Benzene, 4-(dimethoxymethyl)-1,2...	212	C11H16O4	059276-33-4	58
4	Benzeneethanol, .beta.-methyl-.b...	212	C15H16O	074421-26-4	53
5	8-Methyl-4-azafluorene	181	C13H11N	064292-00-8	53





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TIC Library : C:\Database\NIST20.L
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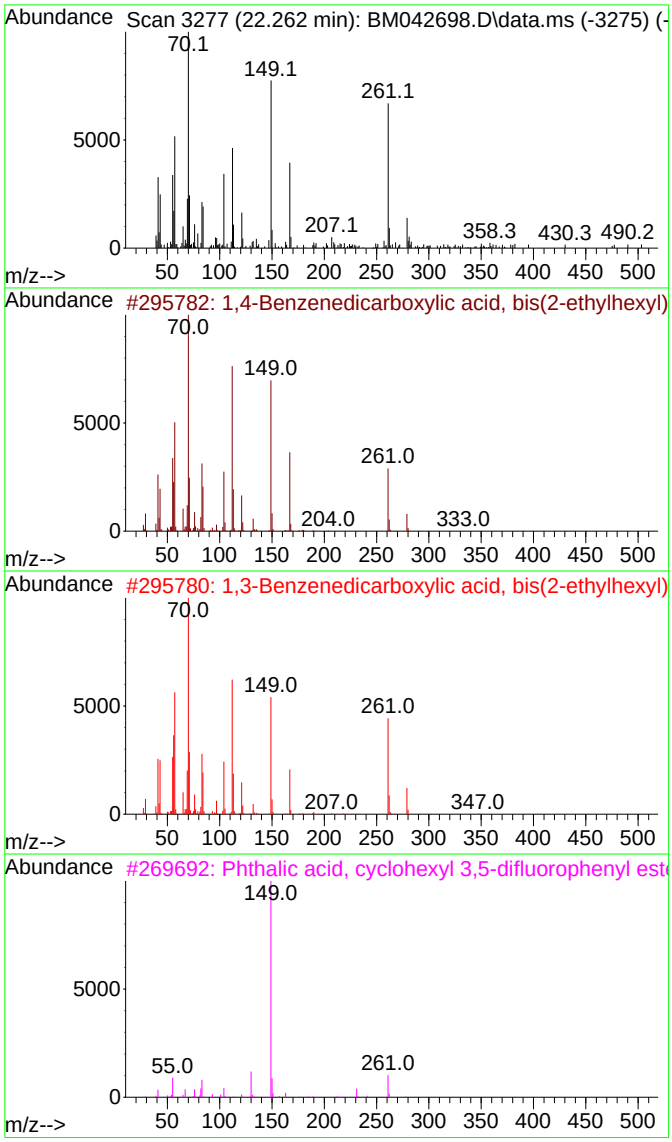
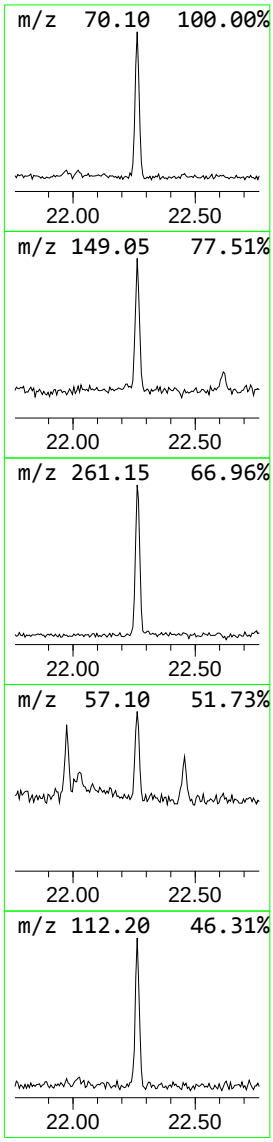
****
Peak Number 8 1,4-Benzenedicarboxylic aci... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.262	4.39 ng	145949	Chrysene-d12	21.439

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,4-Benzenedicarboxylic acid, bi...	390	C24H38O4	006422-86-2	74
2	1,3-Benzenedicarboxylic acid, bi...	390	C24H38O4	000137-89-3	58
3	Phthalic acid, cyclohexyl 3,5-di...	360	C20H18F2O4	1000315-61-1	27
4	Phthalic acid, di(2-propylpentyl...	390	C24H38O4	1000377-93-5	27
5	Isophthalic acid, octyl 2,4,5-tr...	456	C22H23Cl3O4	1010356-61-5	27





Tentatively Identified Compound (LSC) summary

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Data File : BM042698.D
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WASTE

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM103023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Trifluralin	15.827	3.5	ng	132607	3	14.504	752528	20.0
1,3-Benzenediam...	18.033	16.8	ng	577686	4	17.257	689291	20.0
n-Hexadecanoic ...	18.110	5.3	ng	181461	4	17.257	689291	20.0
7-Hydroxyquinol...	19.315	2.1	ng	71542	4	17.257	689291	20.0
Nonadecanoic acid	19.392	2.7	ng	90554	5	21.439	665494	20.0
Phenol, 4,4'-(1...	19.704	2.7	ng	90770	5	21.439	665494	20.0
Bifenthrin	21.056	119.1	ng	3963730	5	21.439	665494	20.0
1,4-Benzenedica...	22.262	4.4	ng	145949	5	21.439	665494	20.0