LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100224\
Data File : BF139601.D
Acq On : 02 Oct 2024 12:39
Operator : RC/JU
Sample : P4214-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
CONCRETE-WC-1

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-BF100124.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF139601.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.146	3	9	18	rVB	1746490	2733127	16.50%	7.239%
2	4.457	392	402	408	rBV	828341	1234293	7.45%	3.269%
3	5.145	497	519	525	rBV	4441585	16568789	100.00%	43.887%
4	6.863	806	811	816	rBV	459597	567363	3.42%	1.503%
5	7.428	898	907	912	rBV	952107	1254860	7.57%	3.324%
6	8.145	1024	1029	1034	rVB	577441	707417	4.27%	1.874%
7	9.222	1206	1212	1217	rBV	1764912	2198905	13.27%	5.824%
8	9.616	1275	1279	1282	rBV2	155551	266178	1.61%	0.705%
9	9.769	1301	1305	1307	rBV2	132780	192791	1.16%	0.511%
10	9.810	1309	1312	1318	rVV2	181132	344766	2.08%	0.913%
11	9.904	1320	1328	1331	rVV2	655784	1202770	7.26%	3.186%
12	10.063	1352	1355	1358	rBV	236860	384347	2.32%	1.018%
13	10.157	1368	1371	1374	rBV2	216128	291199	1.76%	0.771%
14	10.310	1395	1397	1400	rBV	245070	337198	2.04%	0.893%
15	10.369	1404	1407	1409	rBV	313792	404565	2.44%	1.072%
16	10.557	1434	1439	1445	rBV	1059349	2187100	13.20%	5.793%
17	10.827	1481	1485	1491	rBV	1823325	3259146	19.67%	8.633%
18	11.298	1562	1565	1573	rVB	1929929	3047062	18.39%	8.071%
19	15.504	2275	2280	2300	rVB	310344	571753	3.45%	1.514%

Sum of corrected areas: 37753629

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100224\
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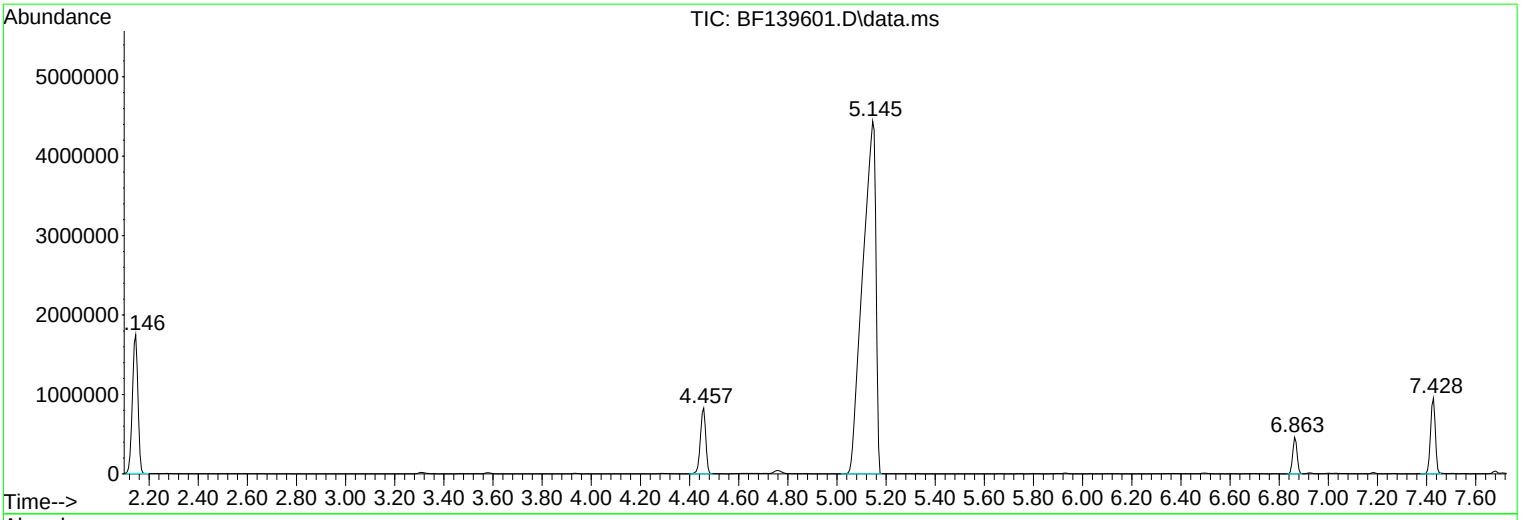
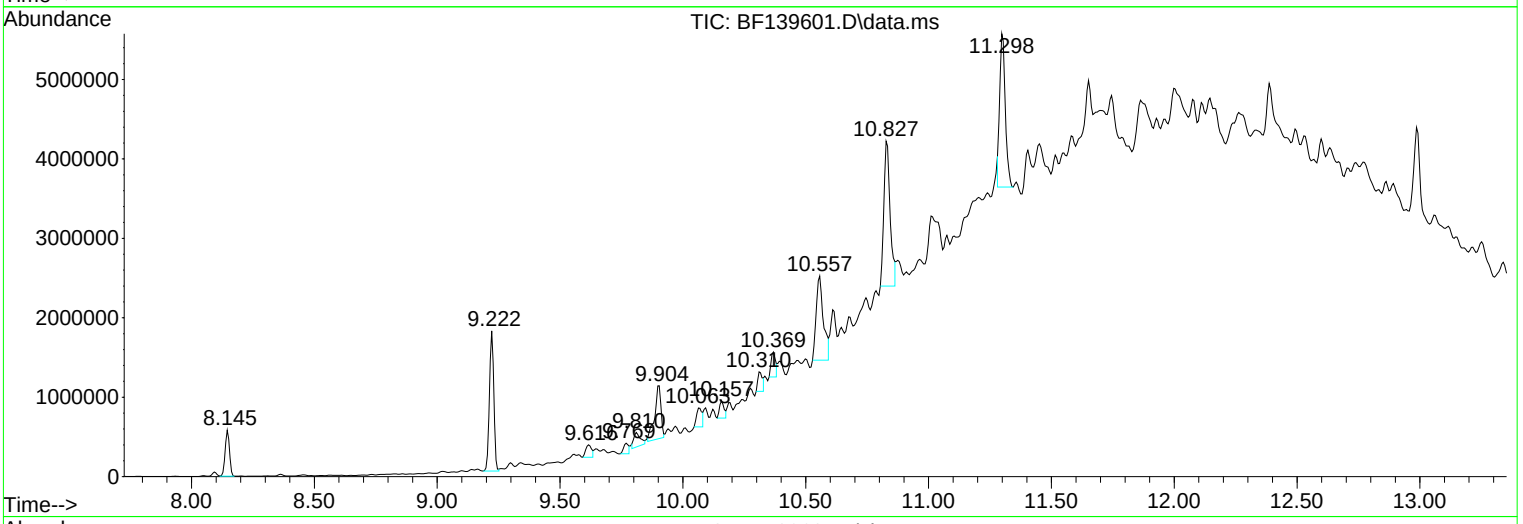
Misc :
ALS Vial : 8 Sample Multiplier: 1

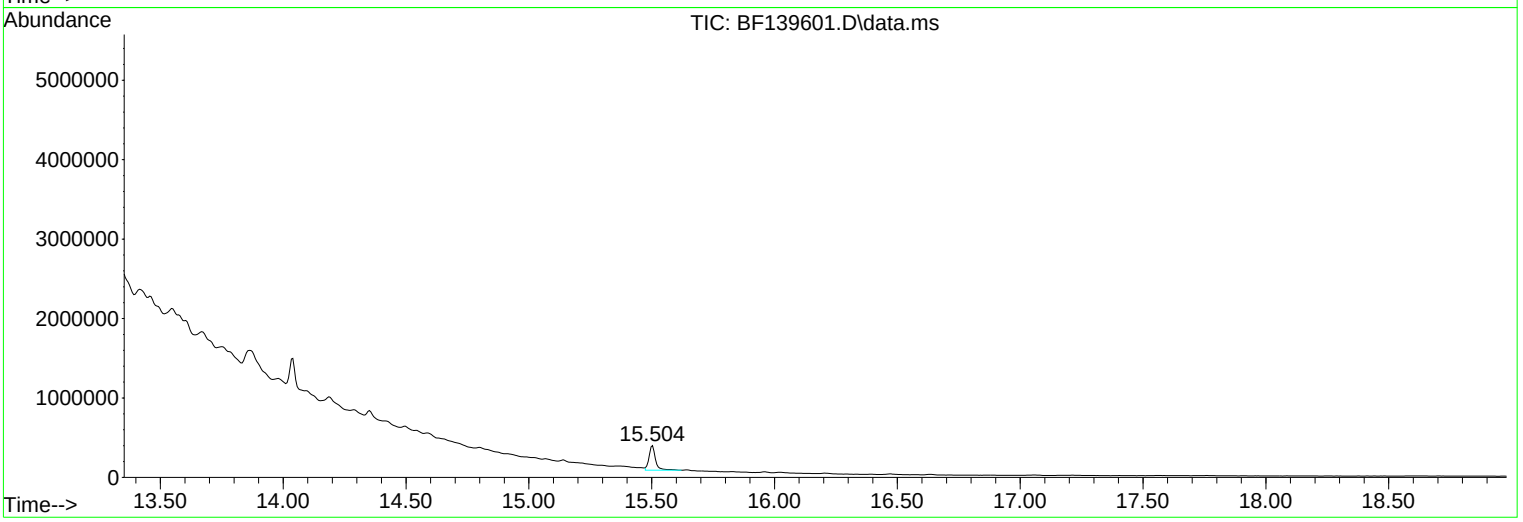
Instrument :
BNA_F
ClientSampleId :
CONCRETE-WC-1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100124.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 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

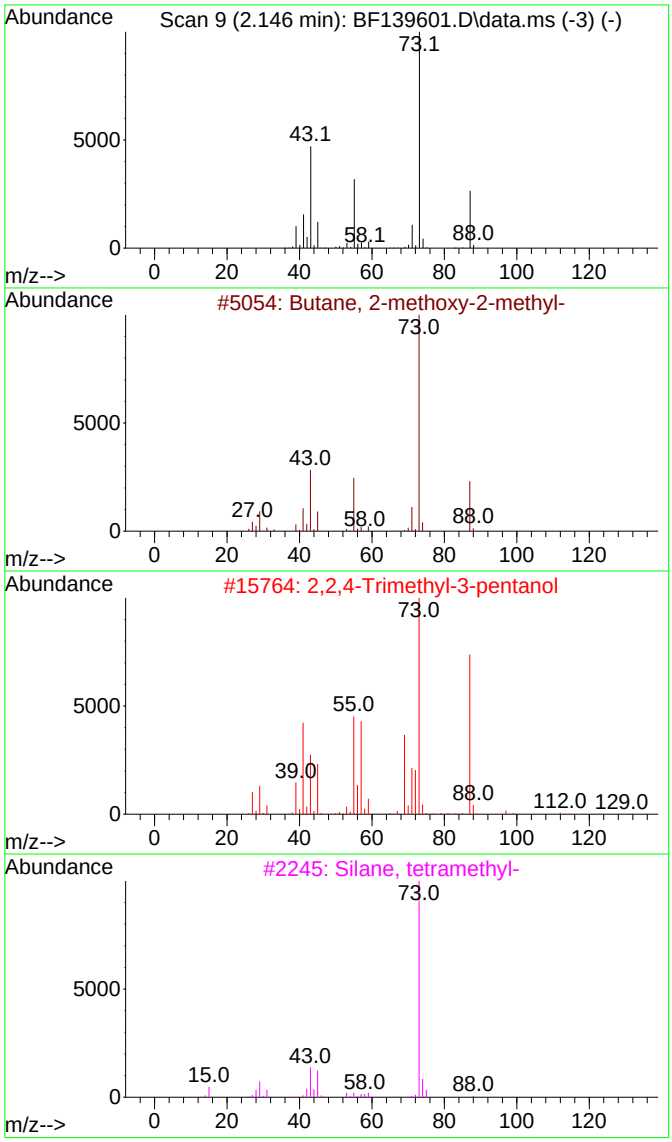
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

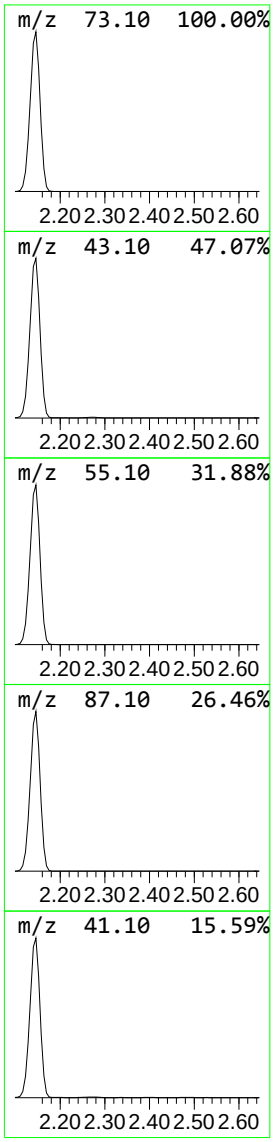
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.146	96.34 ng	2733130	1,4-Dichlorobenzene-d4	6.863

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	40
3	Silane, tetramethyl-	88	C4H12Si	000075-76-3	38
4	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	23
5	Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	9





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Instrument :
BNA_F
ClientSampleId :
CONCRETE-WC-1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100124.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

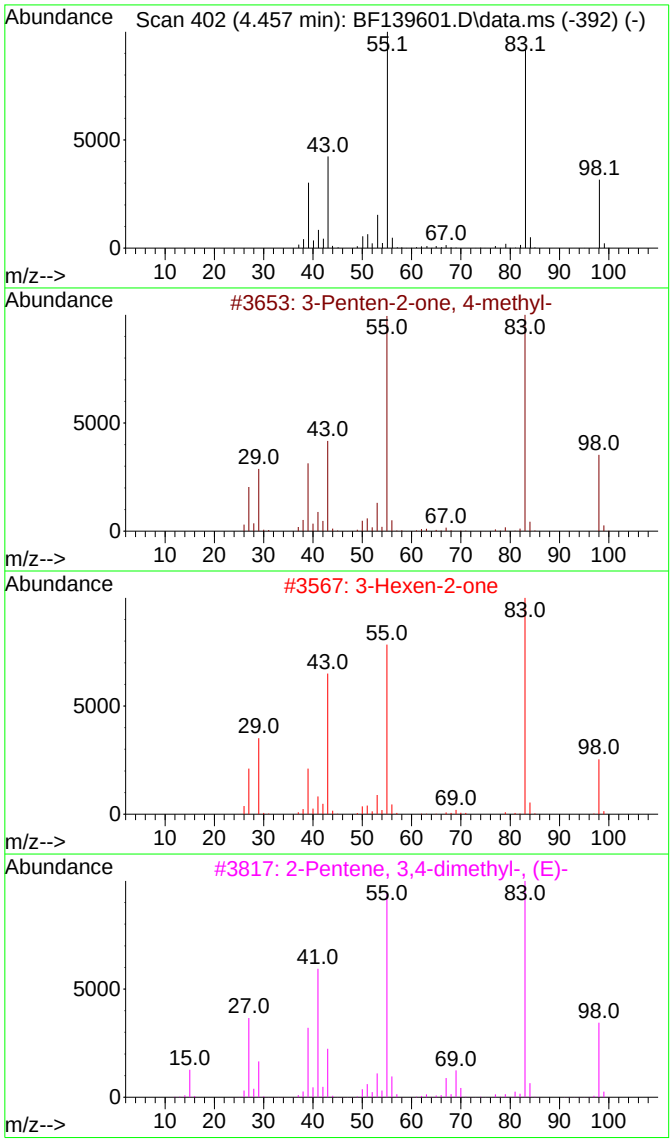
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

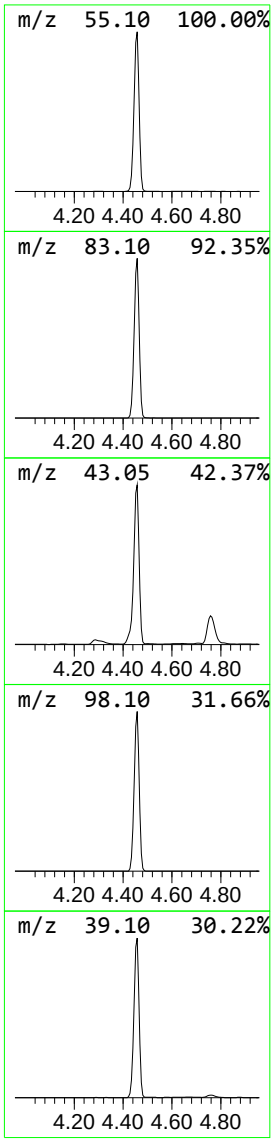
****

Peak Number 2 3-Penten-2-one, 4-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.457	43.51 ng	1234290	1,4-Dichlorobenzene-d4	6.863

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Penten-2-one, 4-methyl-	98	C6H10O	000141-79-7	95
2	3-Hexen-2-one	98	C6H10O	000763-93-9	91
3	2-Pentene, 3,4-dimethyl-, (E)-	98	C7H14	004914-92-5	90
4	2-Pentene, 3,4-dimethyl-, (Z)-	98	C7H14	004914-91-4	86
5	2-Pentene, 2,4-dimethyl-	98	C7H14	000625-65-0	86





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Operator : RC/JU
Sample : P4214-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
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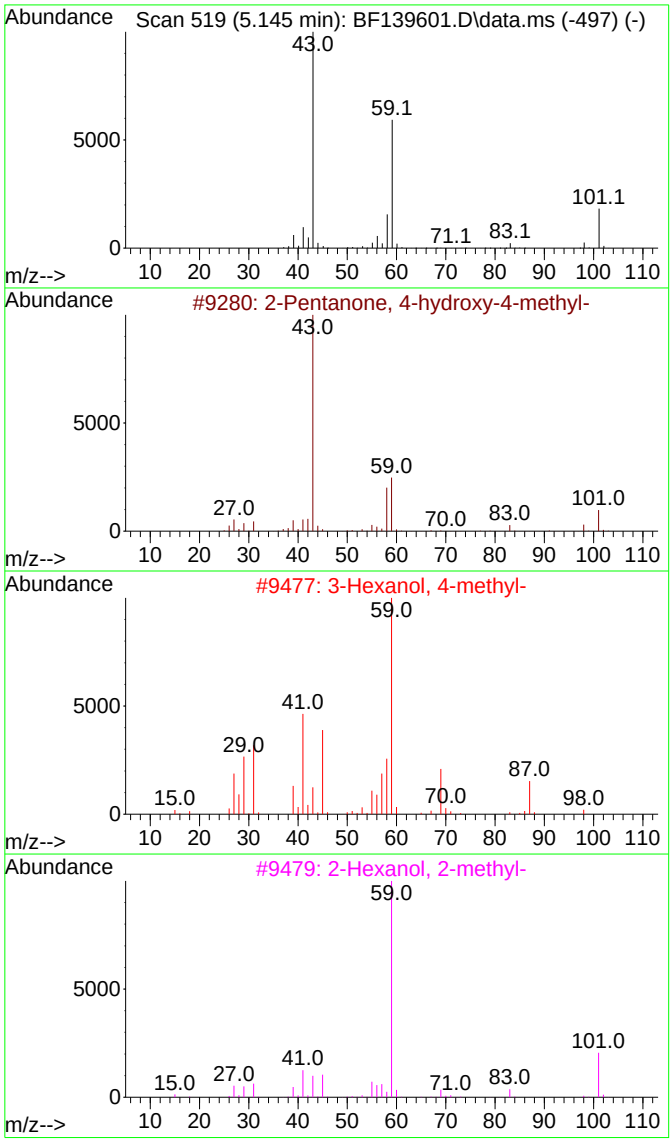
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100124.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

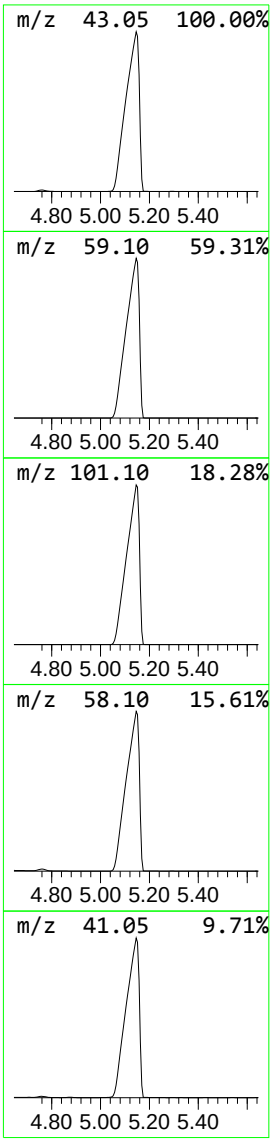
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.145	584.06 ng	16568800	1,4-Dichlorobenzene-d4	6.863

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2	3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	33
3	2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	28
4	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	25
5	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	12





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Instrument :
BNA_F
ClientSampleId :
CONCRETE-WC-1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100124.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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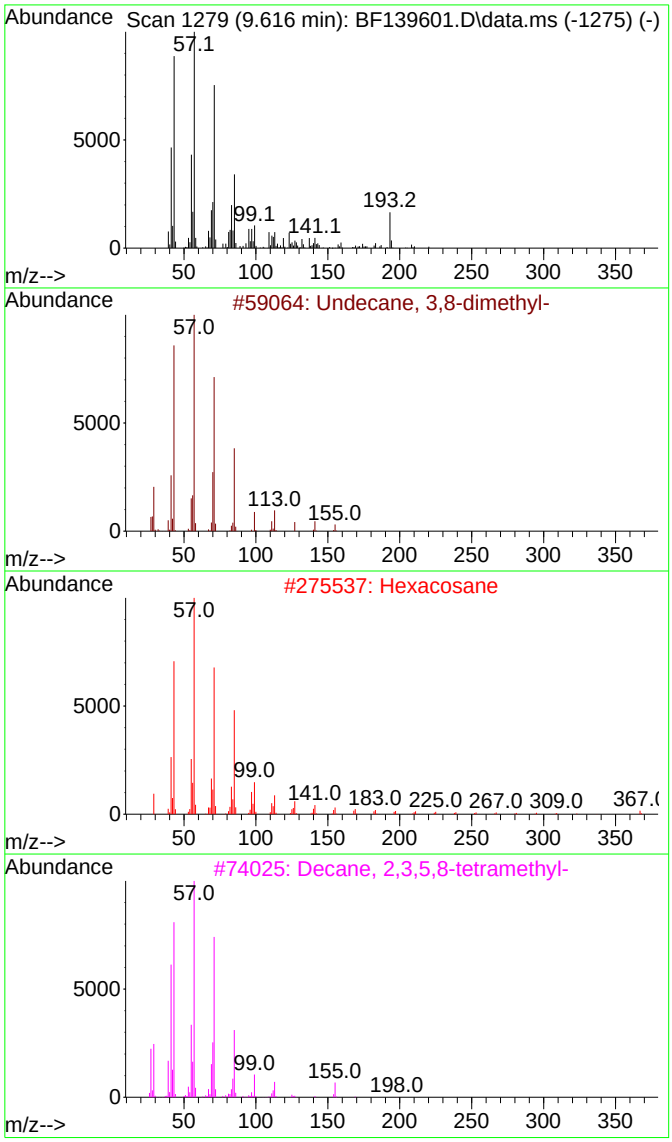
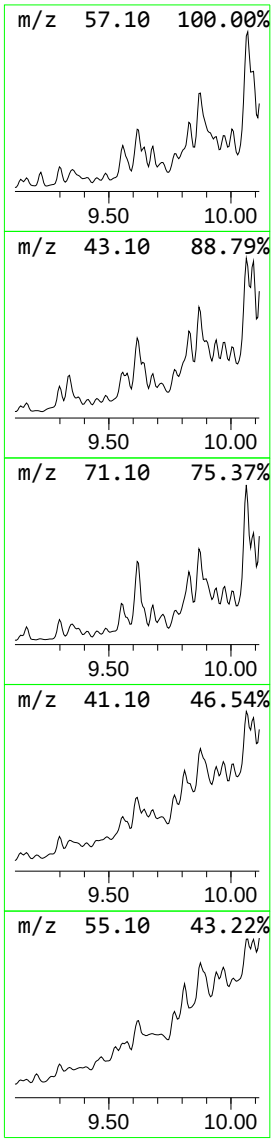
****

Peak Number 4 Undecane, 3,8-dimethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.616	4.43 ng	266178	Acenaphthene-d10	9.904

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane, 3,8-dimethyl-	184	C13H28	017301-30-3	72
2	Hexacosane	366	C26H54	000630-01-3	64
3	Decane, 2,3,5,8-tetramethyl-	198	C14H30	192823-15-7	64
4	Sulfurous acid, 2-ethylhexyl oct...	446	C26H54O3S	1000309-20-1	64
5	Heptadecane	240	C17H36	000629-78-7	64





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Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
CONCRETE-WC-1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100124.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

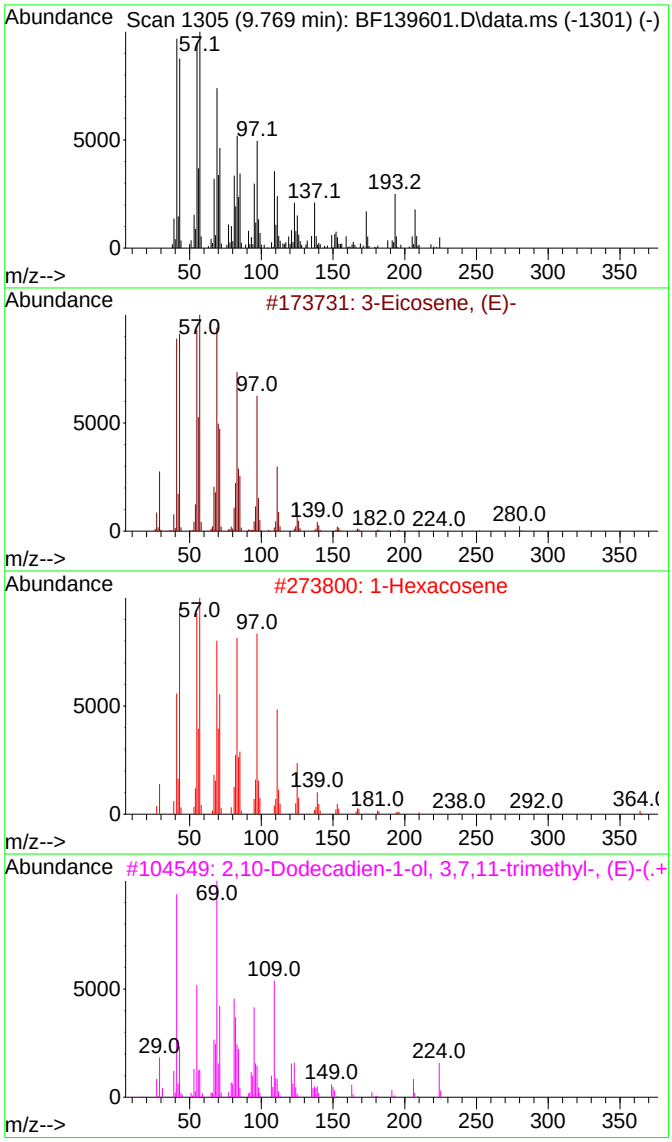
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

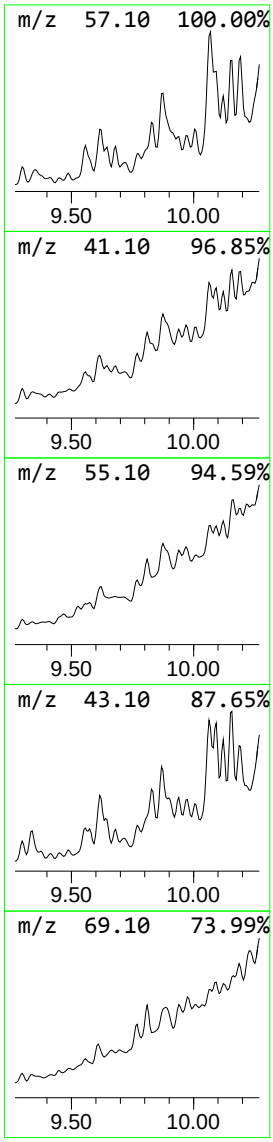
****

Peak Number 5 3-Eicosene, (E)- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.769	3.21 ng	192791	Acenaphthene-d10	9.904

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Eicosene, (E)-	280	C20H40	074685-33-9	53
2	1-Hexacosene	364	C26H52	018835-33-1	53
3	2,10-Dodecadien-1-ol, 3,7,11-tri...	224	C15H28O	020576-59-4	45
4	3-Hexadecene, (Z)-	224	C16H32	034303-81-6	38
5	Cyclopropane, 1-ethyl-1-methyl-	84	C6H12	053778-43-1	30





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Instrument :
BNA_F
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CONCRETE-WC-1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100124.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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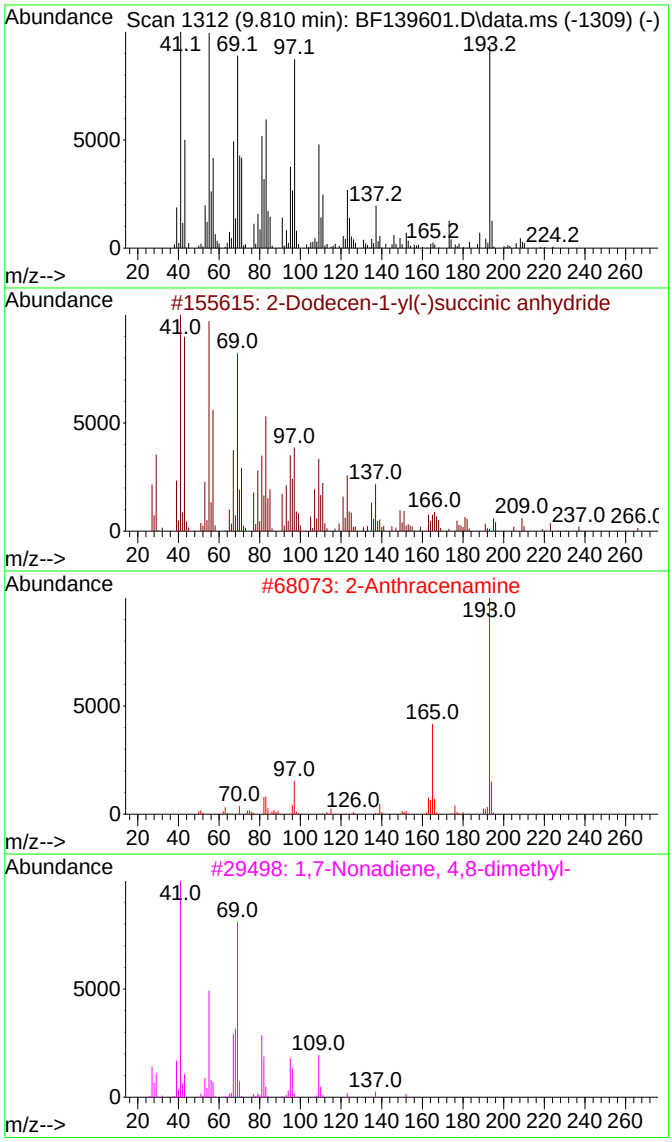
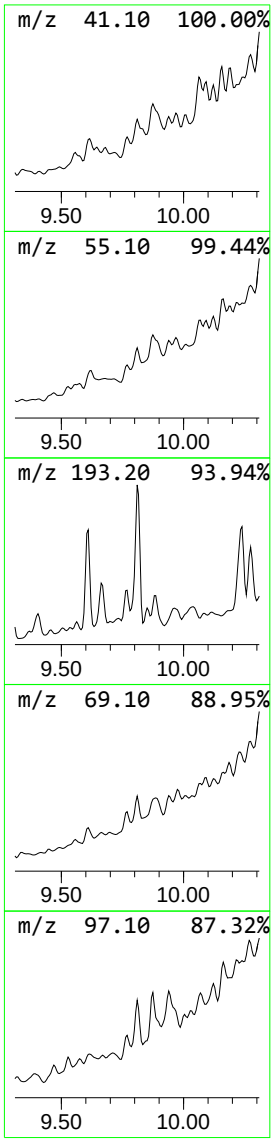
Peak Number 6 unknown9.810 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.810	5.73 ng	344766	Acenaphthene-d10	9.904

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Dodecen-1-yl(-)succinic anhydride	266	C16H26O3	019780-11-1	46
2	2-Anthracenamine	193	C14H11N	000613-13-8	41
3	1,7-Nonadiene, 4,8-dimethyl-	152	C11H20	062108-28-5	38
4	4-Hexen-3-one, 4,5-dimethyl-	126	C8H14O	017325-90-5	30
5	Iminostilbene	193	C14H11N	000256-96-2	18





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Instrument :
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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100124.M
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TIC Library : C:\Database\NIST20.L
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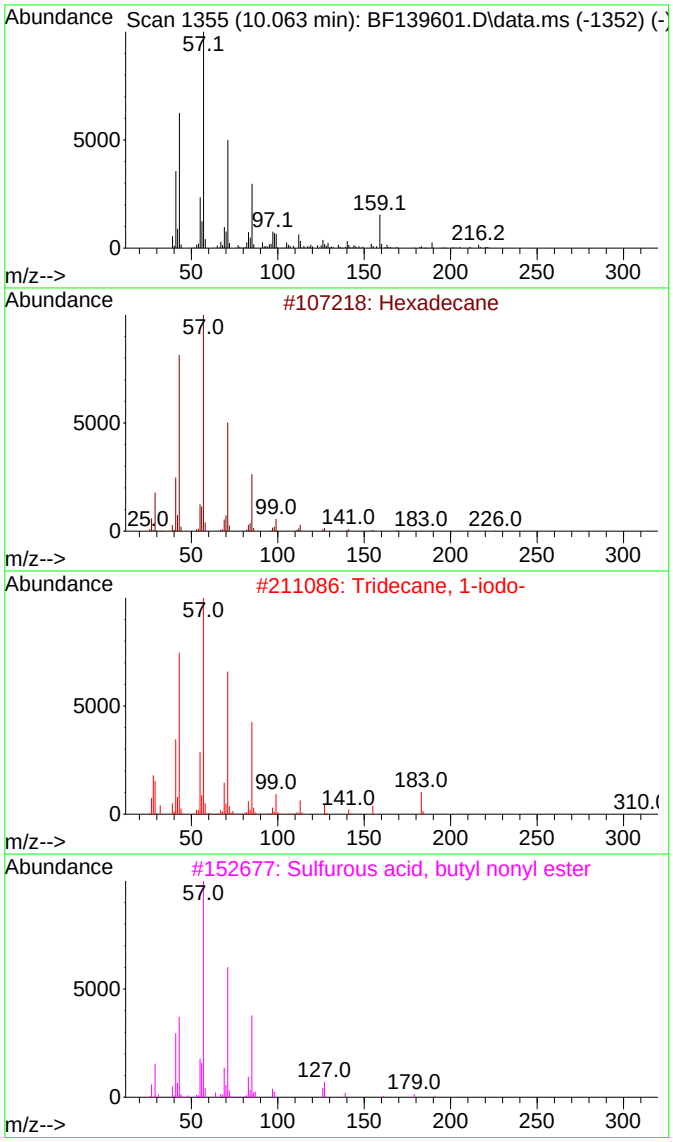
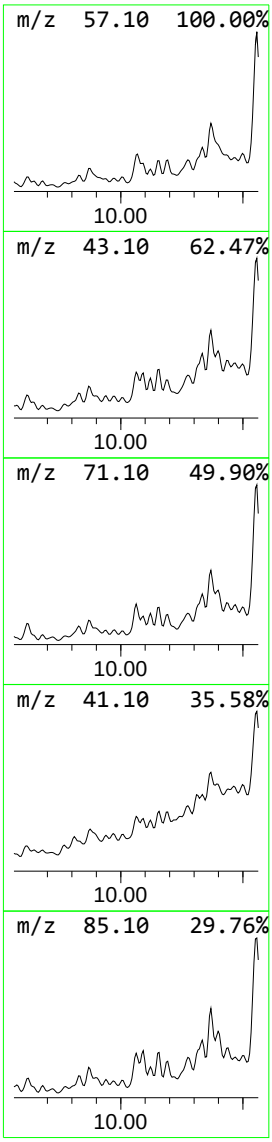
Peak Number 7 Hexadecane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.063	6.39 ng	384347	Acenaphthene-d10	9.904

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	64
2	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	64
3	Sulfurous acid, butyl nonyl ester	264	C13H28O3S	1000309-17-6	59
4	Tetradecane, 1-iodo-	324	C14H29I	019218-94-1	58
5	Tetradecane	198	C14H30	000629-59-4	58





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Instrument :
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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100124.M
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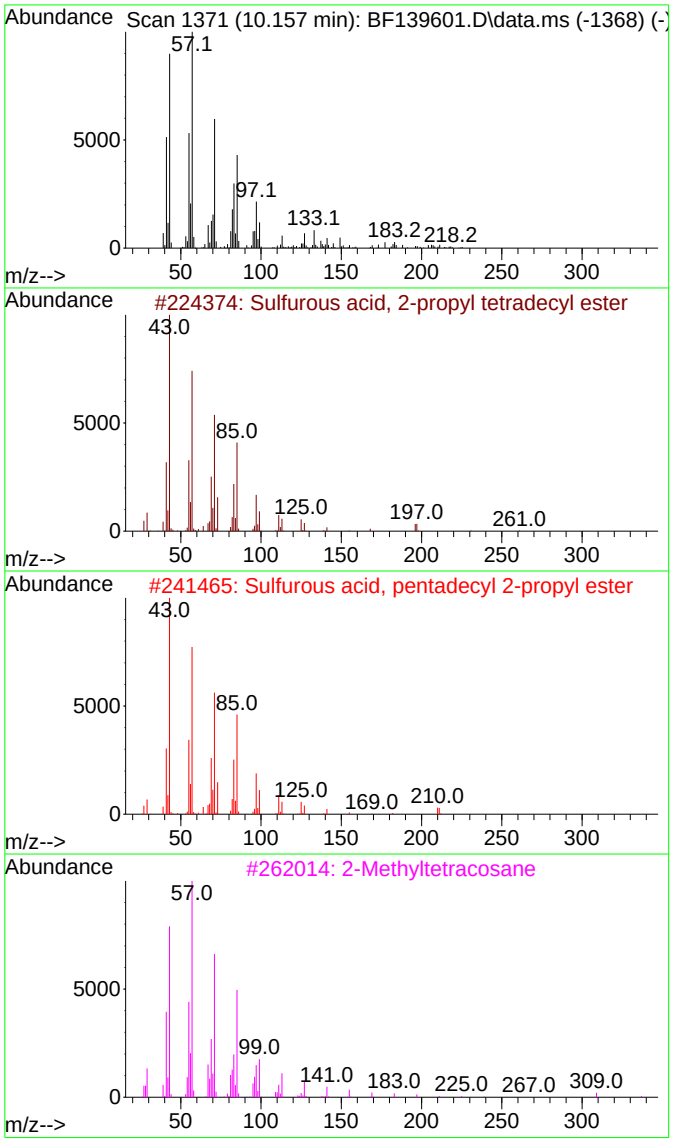
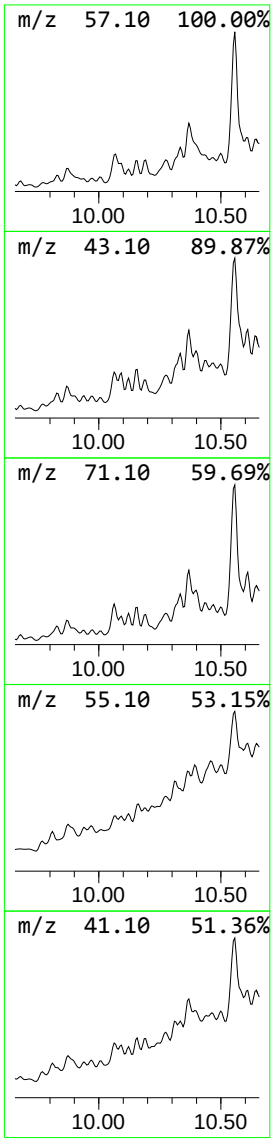
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 Sulfurous acid, 2-propyl te... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.157	4.84 ng	291199	Acenaphthene-d10	9.904

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Sulfurous acid, 2-propyl tetrade...	320	C17H36O3S	1010309-12-5	90
2	Sulfurous acid, pentadecyl 2-pro...	334	C18H38O3S	1000309-12-6	86
3	2-Methyltetracosane	352	C25H52	001560-78-7	80
4	Tetratetracontane	619	C44H90	007098-22-8	80
5	Hexadecane	226	C16H34	000544-76-3	68





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Instrument :
BNA_F
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CONCRETE-WC-1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100124.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
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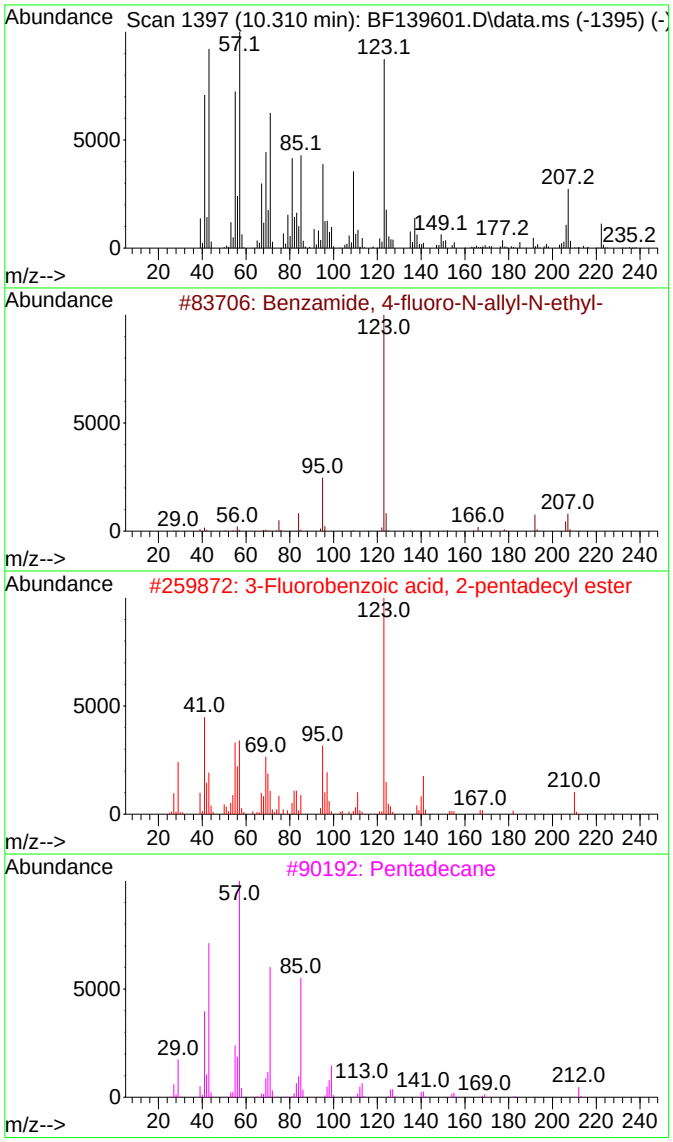
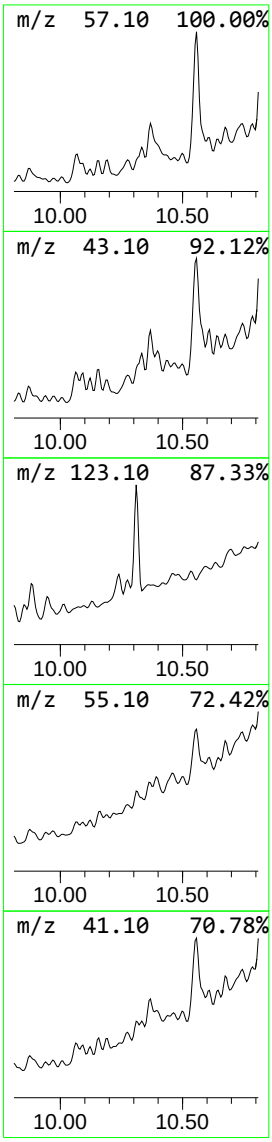
Peak Number 9 unknown10.310 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.310	5.61 ng	337198	Acenaphthene-d10	9.904

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzamide, 4-fluoro-N-allyl-N-et...	207	C12H14FNO	1000446-42-7	49
2	3-Fluorobenzoic acid, 2-pentadec...	350	C22H35FO2	1000280-60-7	43
3	Pentadecane	212	C15H32	000629-62-9	35
4	(Phenylthio)acetic acid, cyclobu...	222	C12H14O2S	1010299-95-5	30
5	2(1H)-Naphthalenone, octahydro-4...	222	C15H26O	055332-04-2	25





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CONCRETE-WC-1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100124.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

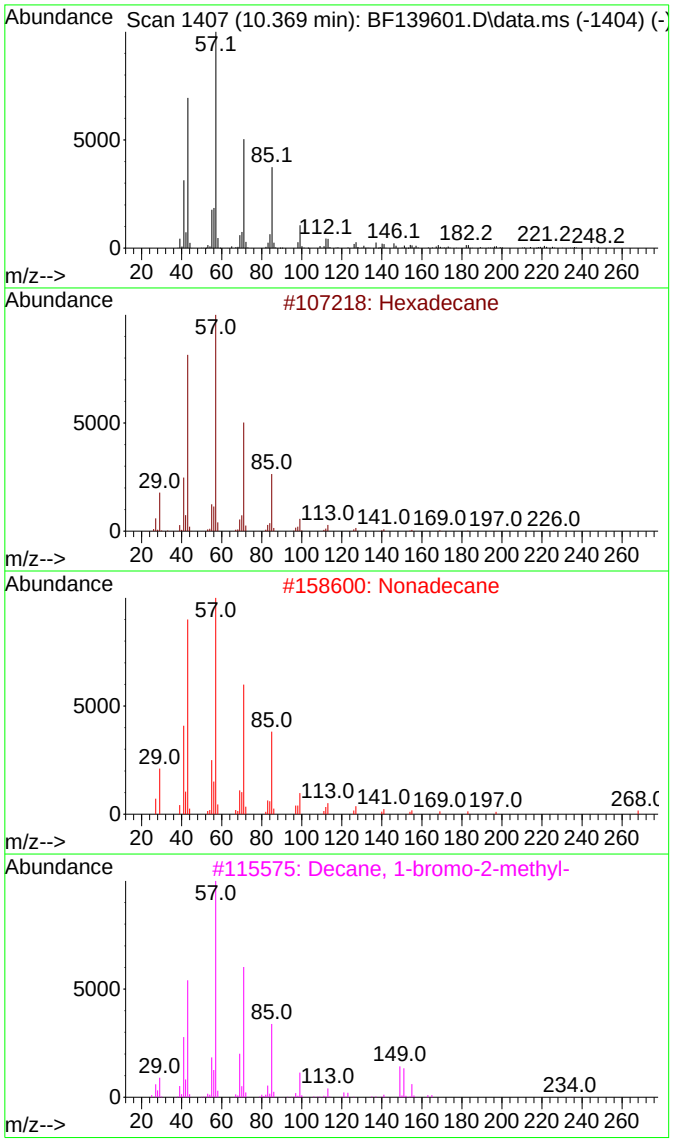
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

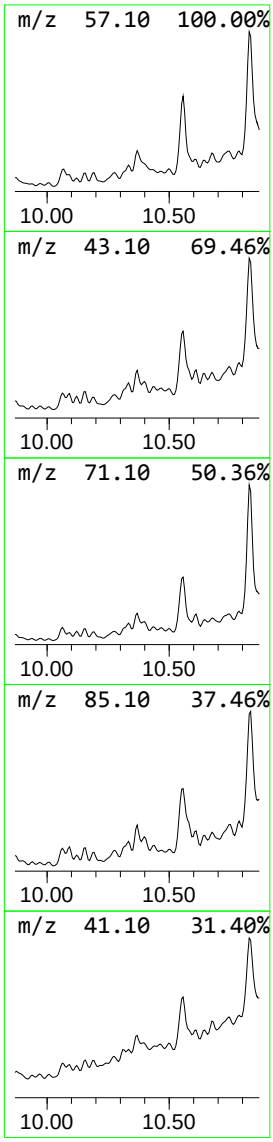
****

Peak Number 10 Nonadecane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.369	6.73 ng	404565	Acenaphthene-d10	9.904

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	93
2	Nonadecane	268	C19H40	000629-92-5	87
3	Decane, 1-bromo-2-methyl-	234	C11H23Br	127839-47-8	86
4	Pentadecane	212	C15H32	000629-62-9	86
5	Carbonic acid, eicosyl vinyl ester	368	C23H44O3	1000382-54-3	83





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100224\
Data File : BF139601.D
Acq On : 02 Oct 2024 12:39
Operator : RC/JU
Sample : P4214-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
CONCRETE-WC-1

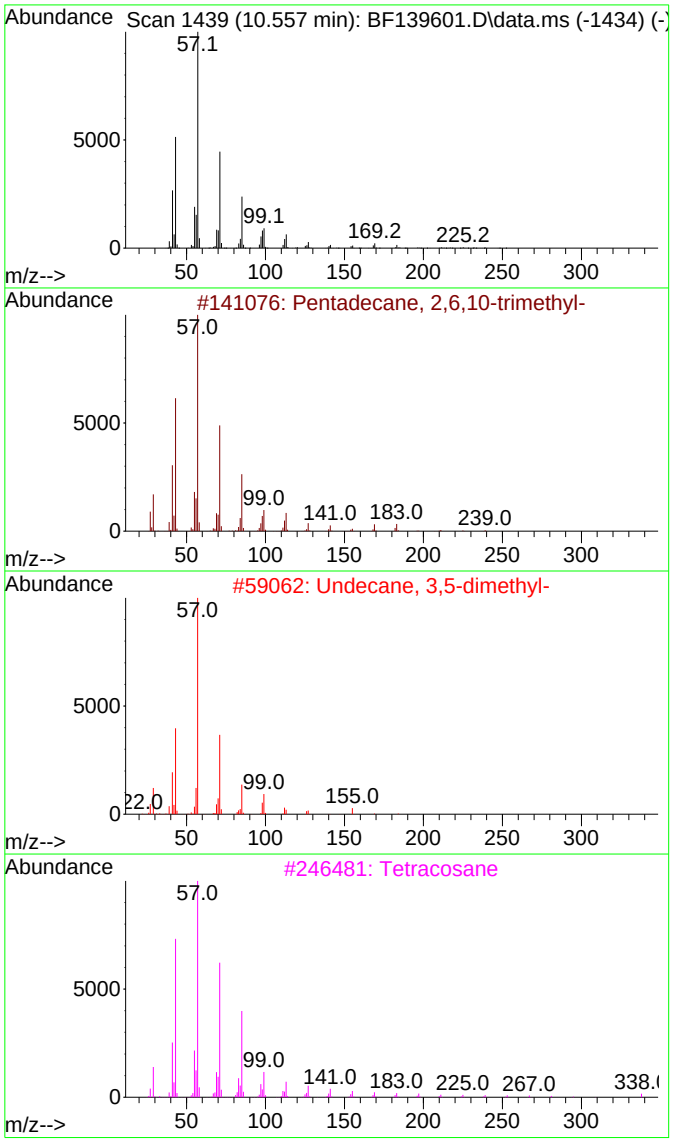
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100124.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

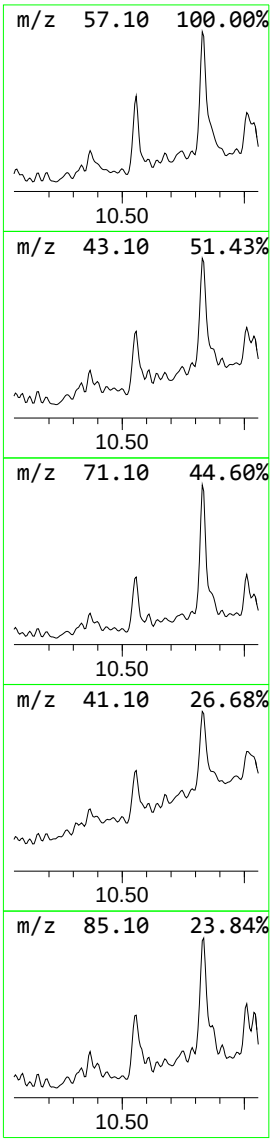
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 11 Pentadecane, 2,6,10-trimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.557	36.37 ng	2187100	Acenaphthene-d10	9.904

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane, 2,6,10-trimethyl-	254	C18H38	003892-00-0	91
2	Undecane, 3,5-dimethyl-	184	C13H28	017312-81-1	83
3	Tetracosane	338	C24H50	000646-31-1	80
4	Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	76
5	Undecane, 4,6-dimethyl-	184	C13H28	017312-82-2	72





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100224\
Data File : BF139601.D
Acq On : 02 Oct 2024 12:39
Operator : RC/JU
Sample : P4214-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
CONCRETE-WC-1

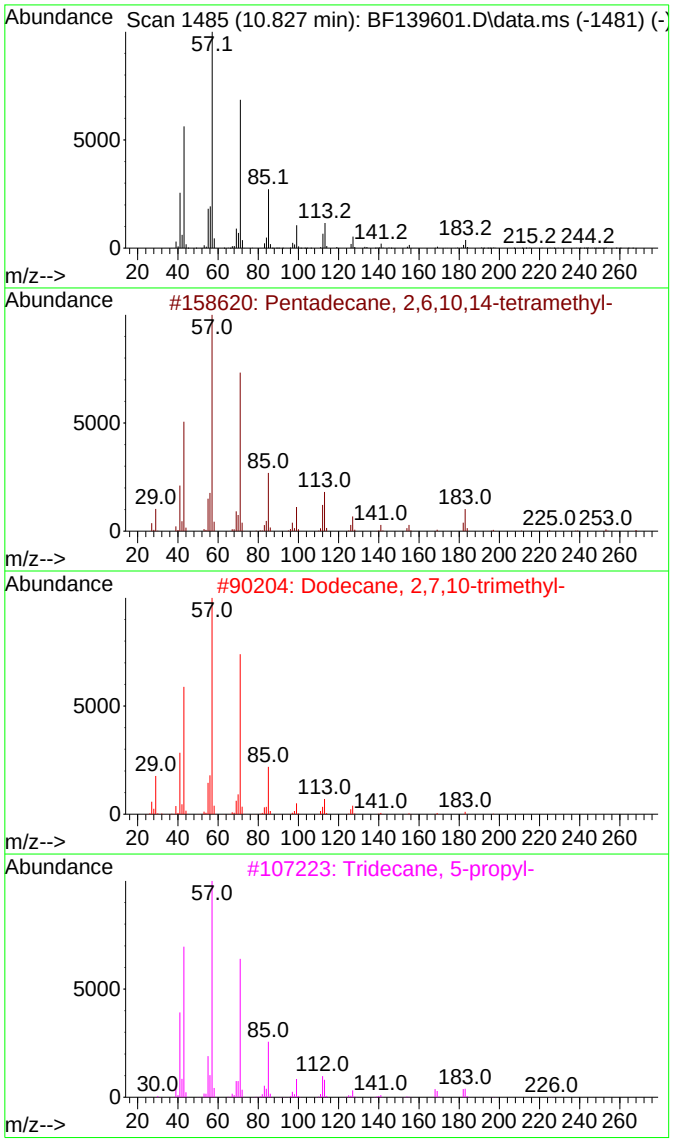
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100124.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

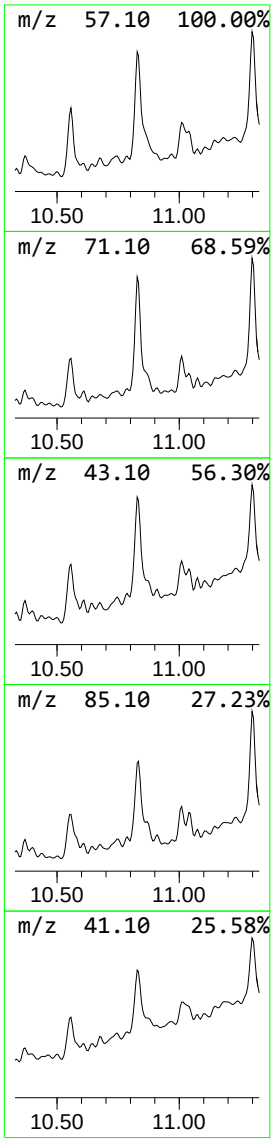
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 12 Pentadecane, 2,6,10,14-tetr... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.828	21.39 ng	3259150	Phenanthrene-d10	11.398

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane, 2,6,10,14-tetramethyl-	268	C19H40	001921-70-6	90
2	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	90
3	Tridecane, 5-propyl-	226	C16H34	055045-11-9	78
4	Undecane, 3,6-dimethyl-	184	C13H28	017301-28-9	72
5	Sulfurous acid, 2-ethylhexyl non...	320	C17H36O3S	1010309-19-2	58





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100224\
Data File : BF139601.D
Acq On : 02 Oct 2024 12:39
Operator : RC/JU
Sample : P4214-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
CONCRETE-WC-1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100124.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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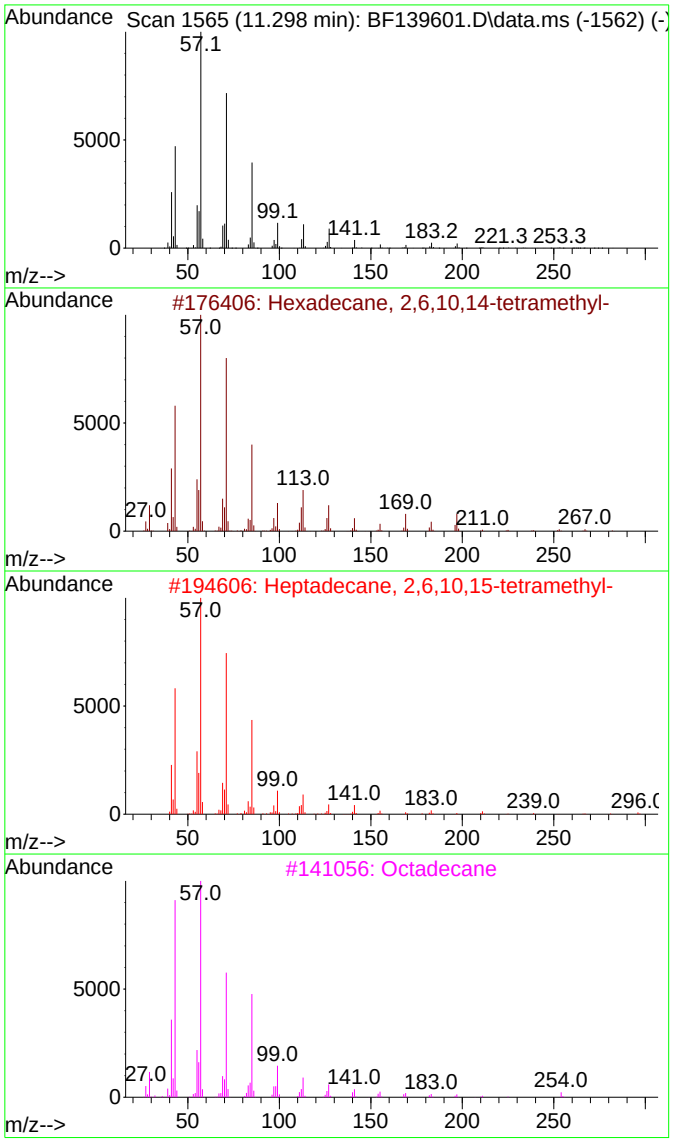
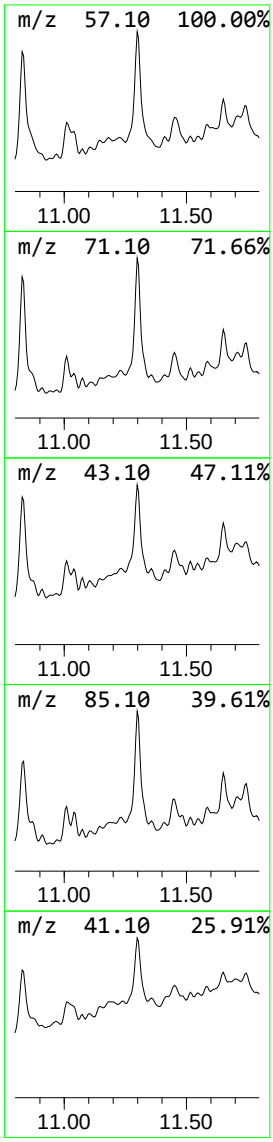
Peak Number 13 Hexadecane, 2,6,10,14-tetra... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.298	20.00 ng	3047060	Phenanthrene-d10	11.398

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	94
2	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	91
3	Octadecane	254	C18H38	000593-45-3	90
4	Heptadecane	240	C17H36	000629-78-7	90
5	Octadecane, 1-iodo-	380	C18H37I	000629-93-6	90





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100224\
Data File : BF139601.D
Acq On : 02 Oct 2024 12:39
Operator : RC/JU
Sample : P4214-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
CONCRETE-WC-1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100124.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
Butane, 2-metho...	2.146	96.3	ng	2733130	1	6.863	567363	20.0
3-Penten-2-one,...	4.457	43.5	ng	1234290	1	6.863	567363	20.0
2-Pentanone, 4-...	5.145	584.1	ng	16568800	1	6.863	567363	20.0
Undecane, 3,8-d...	9.616	4.4	ng	266178	3	9.904	1202770	20.0
3-Eicosene, (E)-	9.769	3.2	ng	192791	3	9.904	1202770	20.0
unknown9.810	9.810	5.7	ng	344766	3	9.904	1202770	20.0
Hexadecane	10.063	6.4	ng	384347	3	9.904	1202770	20.0
Sulfurous acid,...	10.157	4.8	ng	291199	3	9.904	1202770	20.0
unknown10.310	10.310	5.6	ng	337198	3	9.904	1202770	20.0
Nonadecane	10.369	6.7	ng	404565	3	9.904	1202770	20.0
Pentadecane, 2,...	10.557	36.4	ng	2187100	3	9.904	1202770	20.0
Pentadecane, 2,...	10.828	21.4	ng	3259150	4	11.398	3047060	20.0
Hexadecane, 2,6...	11.298	20.0	ng	3047060	4	11.398	3047060	20.0