

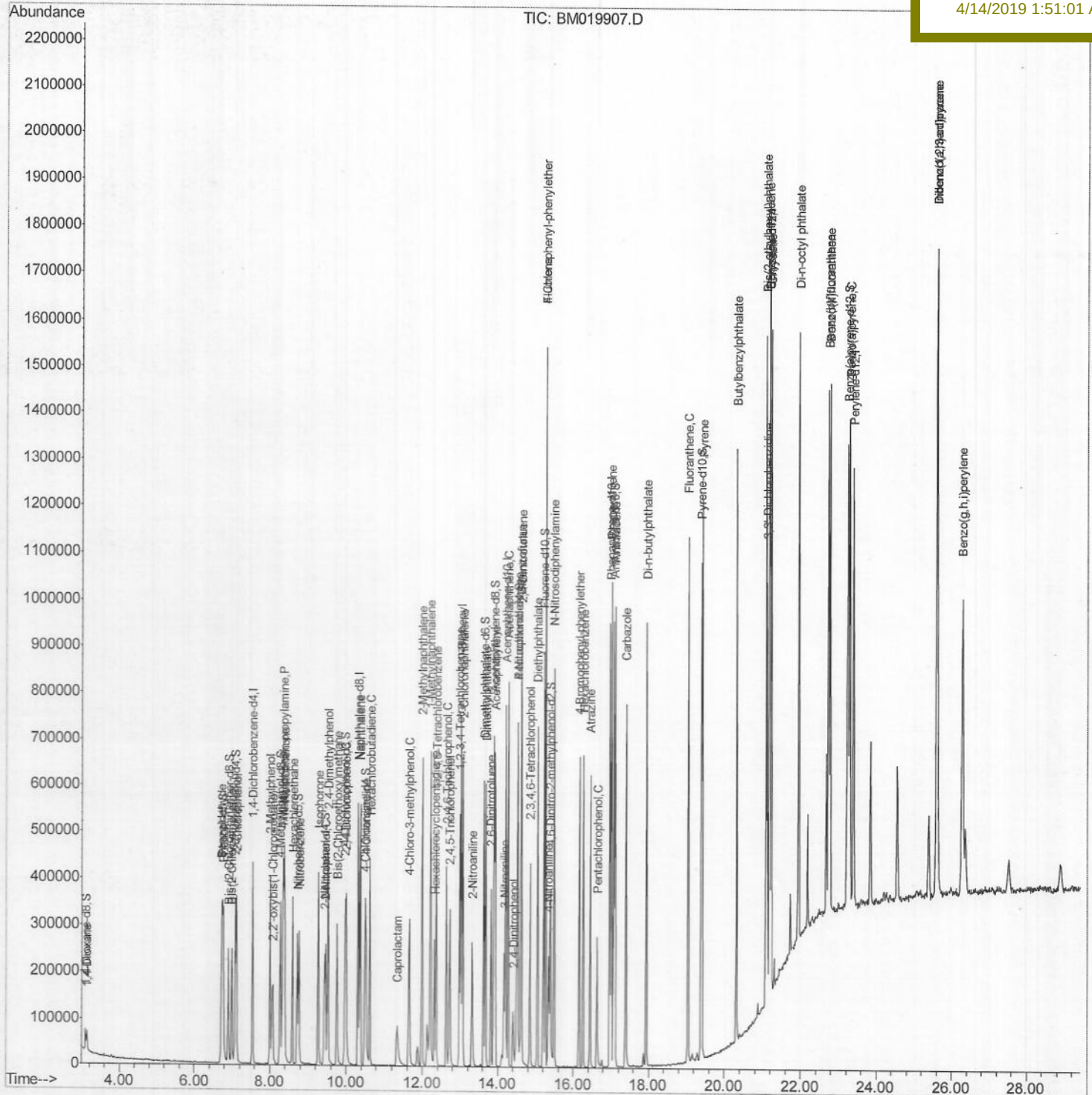
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Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM041219\  
Data File : BM019907.D  
Acq On    : 12 Apr 2019   11:29  
Operator  : JU/SJ  
Sample    : SSTDCCC020EC  
Misc      :  
ALS Vial  : 2      Sample Multiplier: 1
```

Quant Time: Apr 12 21:11:10 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Apr 12 04:12:05 2019
Response via : Initial Calibration

Instrument :
BNA_M
LabSampleId :
SSTD02004

Manual Integrations APPROVED

Sohil
4/14/2019 1:51:01 AM



Quantitation Report (Qedit)

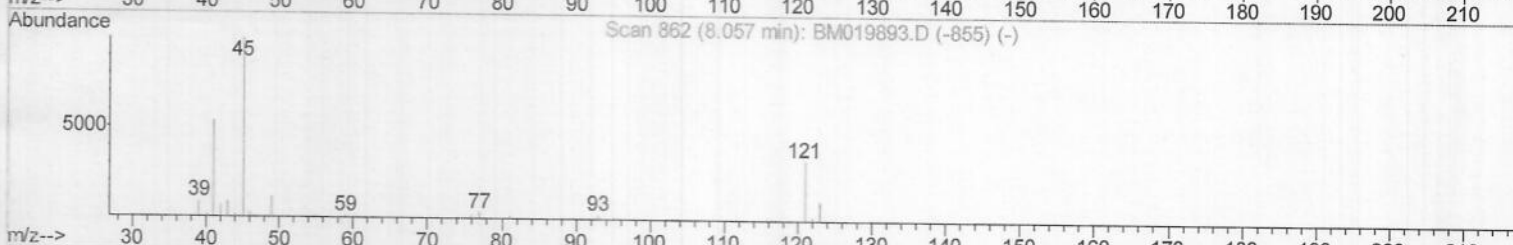
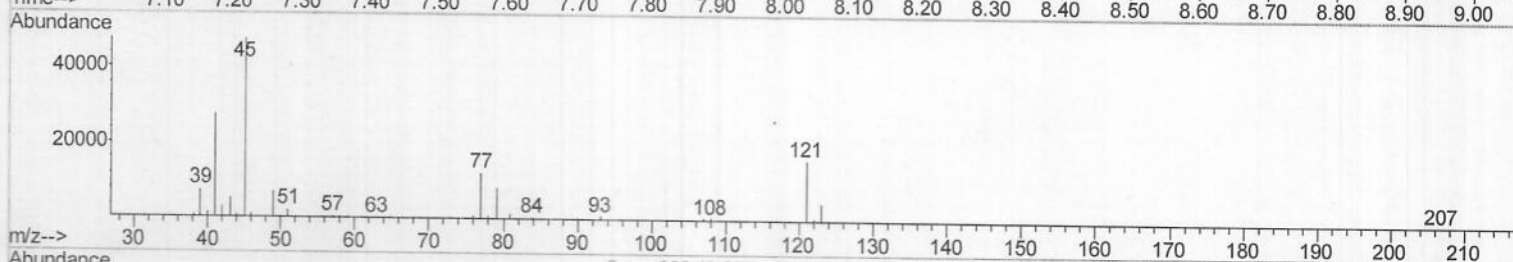
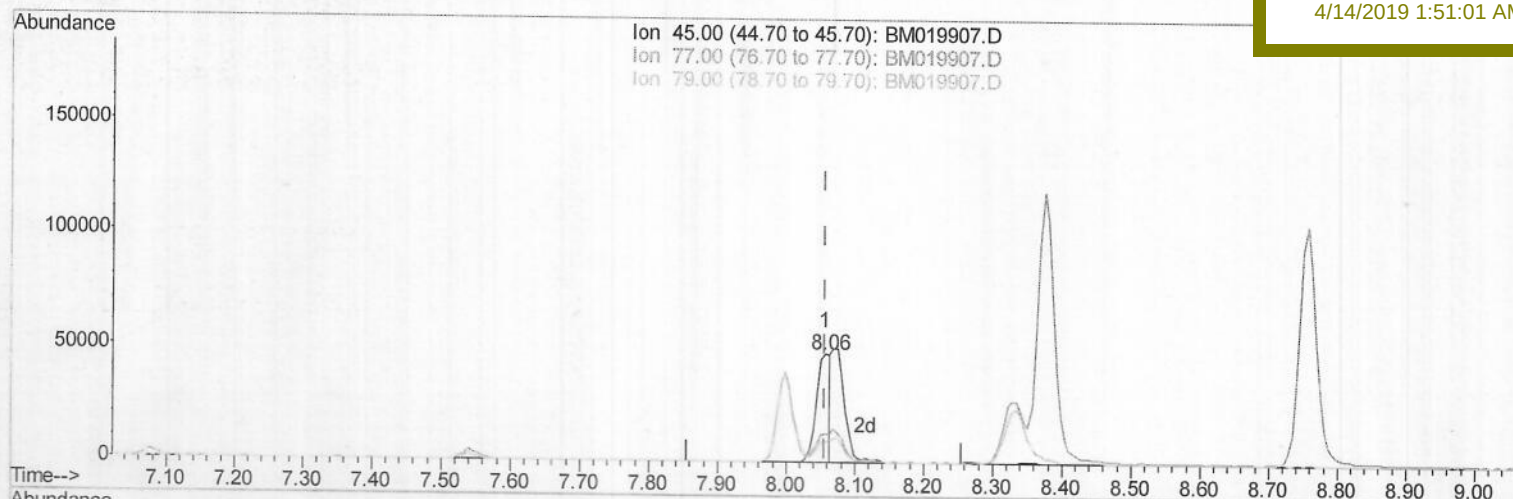
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM041219\
 Data File : BM019907.D
 Acq On : 12 Apr 2019 11:29
 Operator : JU/SJ
 Sample : SSTDCCC020EC
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Quant Time: Apr 12 21:09:13 2019
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Manual Integrations
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TIC: BM019907.D

(12) 2,2'-oxybis(1-Chloropropane)

8.057min (-0.000) 9.02ng/ul

response 67182

Ion	Exp%	Act%
45.00	100	100
77.00	15.60	25.90#
79.00	11.80	17.87#
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM041219\

Data File : BM019907.D

Acq On : 12 Apr 2019 11:29

Operator : JU/SJ

Sample : SSTDCCC020EC

Misc :

ALS Vial : 2 Sample Multiplier: 1

Quant Time: Apr 12 21:09:13 2019

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.M

Quant Title : SVOA CALIBRATION

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BNA_M

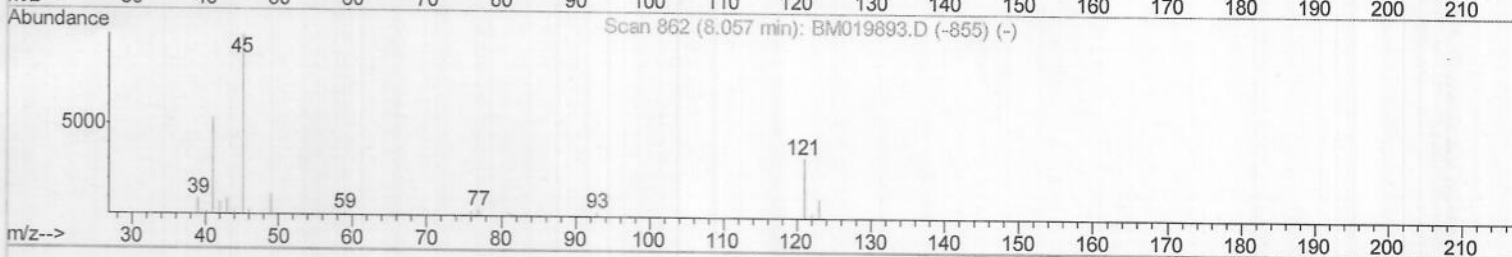
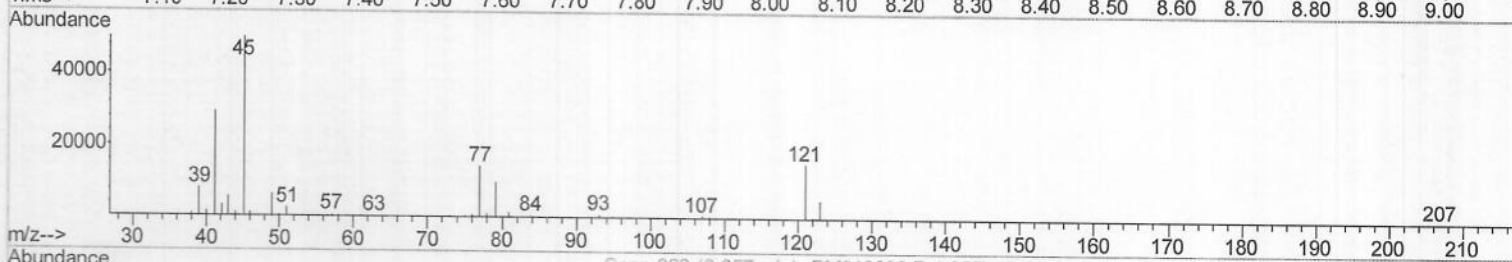
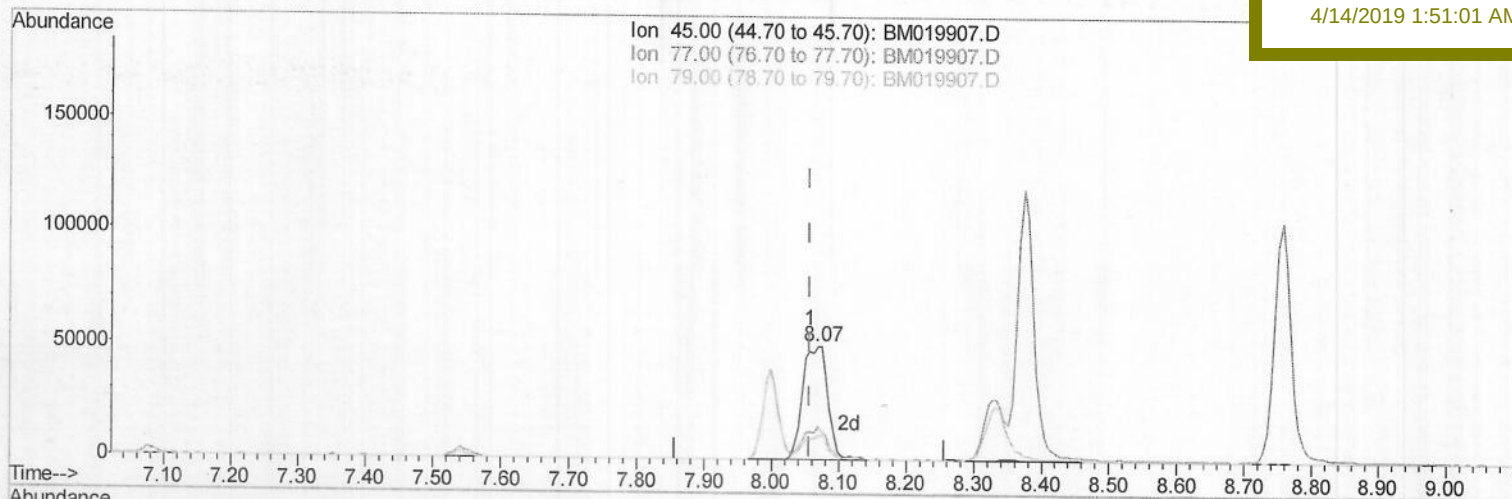
LabSampleId :

SSTD02004

Manual Integrations
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TIC: BM019907.D

(12) 2,2'-oxybis(1-Chloropropane)

8.069min (+0.012) 17.25ng/ul m

response 128514

Ion Exp% Act%

45.00 100 100

77.00 15.60 28.98#

79.00 11.80 20.72#

0.00 0.00 0.00

SJ
04/13/19

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM041219\

Data File : BM019907.D

Acq On : 12 Apr 2019 11:29

Operator : JU/SJ

Sample : SSTDCCC020EC

Misc :

ALS Vial : 2 Sample Multiplier: 1

Quant Time: Apr 12 21:09:13 2019

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.M

Quant Title : SVOA CALIBRATION

QLast Update : Fri Apr 12 04:12:05 2019

Response via : Initial Calibration

Instrument :

BNA_M

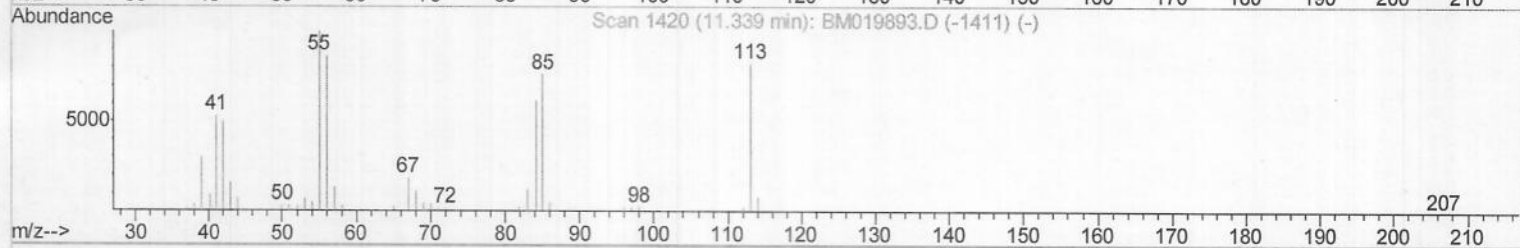
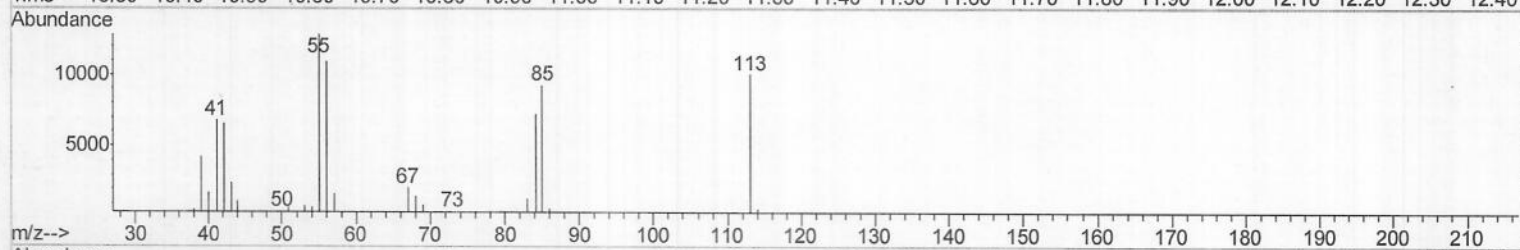
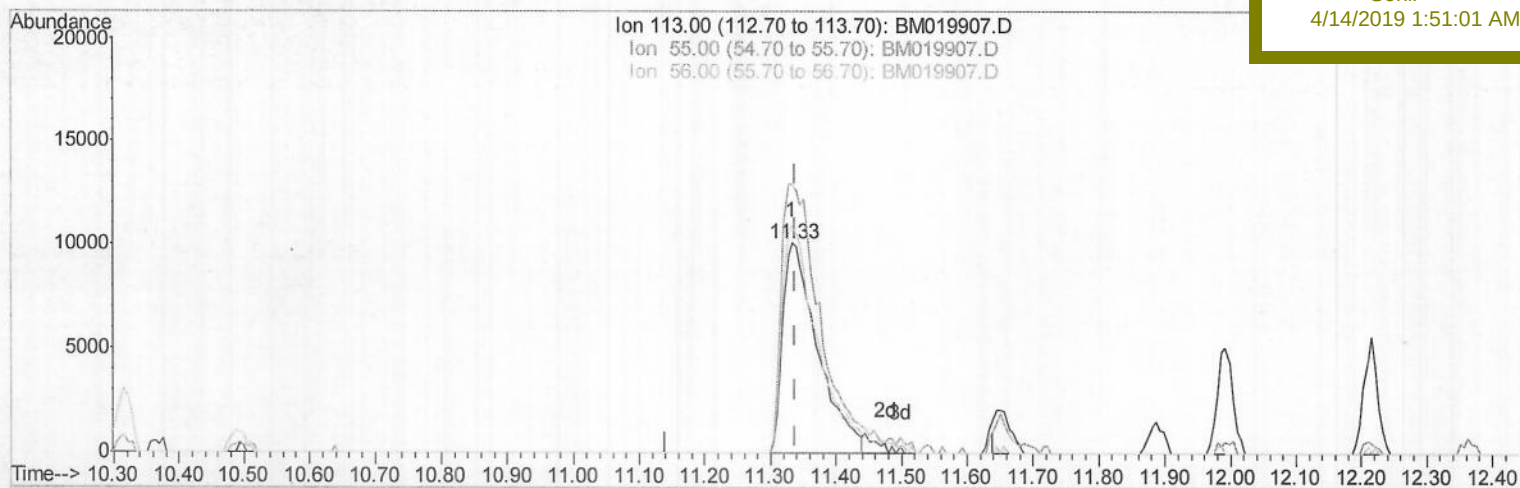
LabSampleId :

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Manual Integrations
APPROVED

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TIC: BM019907.D

(32) Caprolactam

11.333min (-0.006) 19.57ng/ul

response 37332

Ion	Exp%	Act%
113.00	100	100
55.00	164.60	128.24#
56.00	115.90	108.33
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM041219\

Data File : BM019907.D

Acq On : 12 Apr 2019 11:29

Operator : JU/SJ

Sample : SSTDCCC020EC

Misc :

ALS Vial : 2 Sample Multiplier: 1

Quant Time: Apr 12 21:09:13 2019

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Quant Title : SVOA CALIBRATION

QLast Update : Fri Apr 12 04:12:05 2019

Response via : Initial Calibration

Instrument :

BNA_M

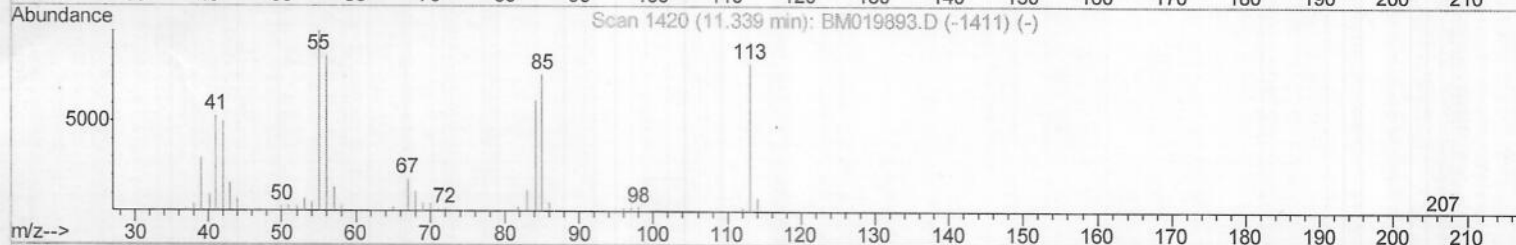
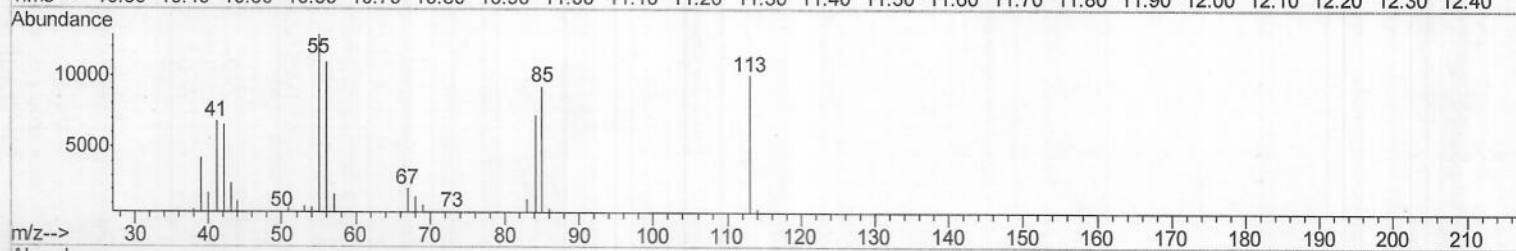
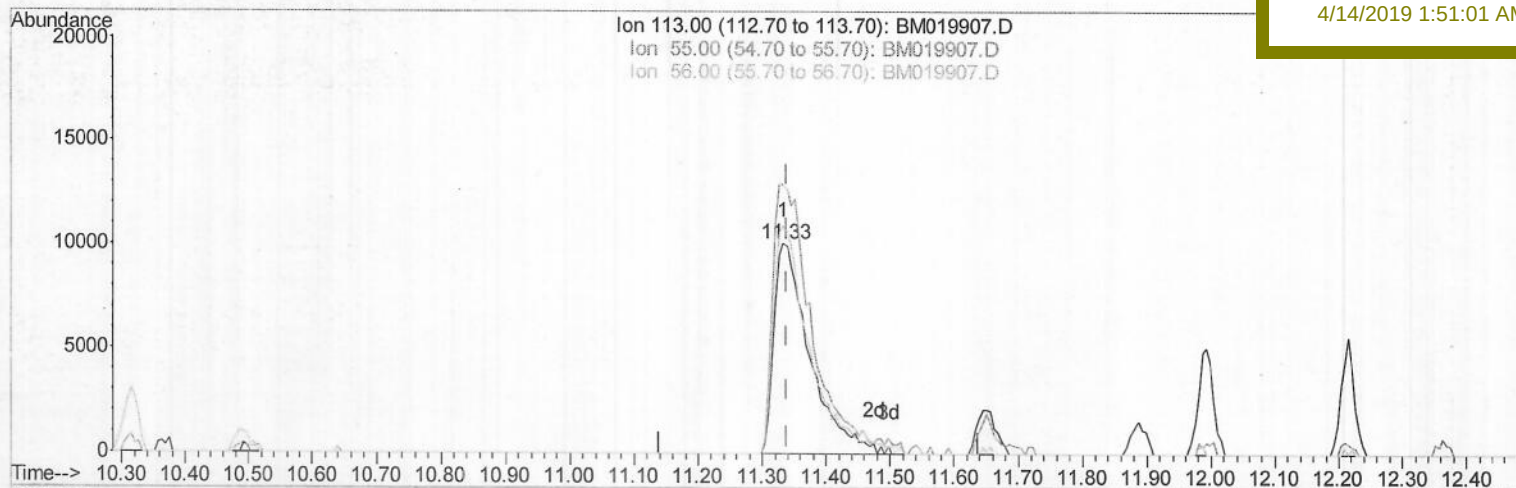
LabSampleId :

SSTD02004

Manual Integrations
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TIC: BM019907.D

(32) Caprolactam

11.333min (-0.006) 20.19ng/ul m

response 38528

Ion	Exp%	Act%
113.00	100	100
55.00	164.60	128.24#
56.00	115.90	108.33
0.00	0.00	0.00

SJ
041131119

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM041219\

Data File : BM019907.D

Acq On : 12 Apr 2019 11:29

Operator : JU/SJ

Sample : SSTDCCC020EC

Misc :

ALS Vial : 2 Sample Multiplier: 1

Quant Time: Apr 12 21:09:13 2019

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.M

Quant Title : SVOA CALIBRATION

QLast Update : Fri Apr 12 04:12:05 2019

Response via : Initial Calibration

Instrument :

BNA_M

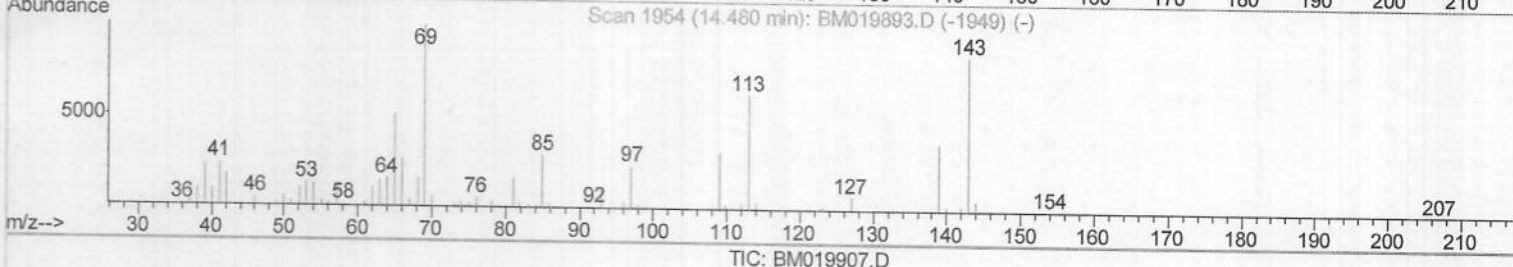
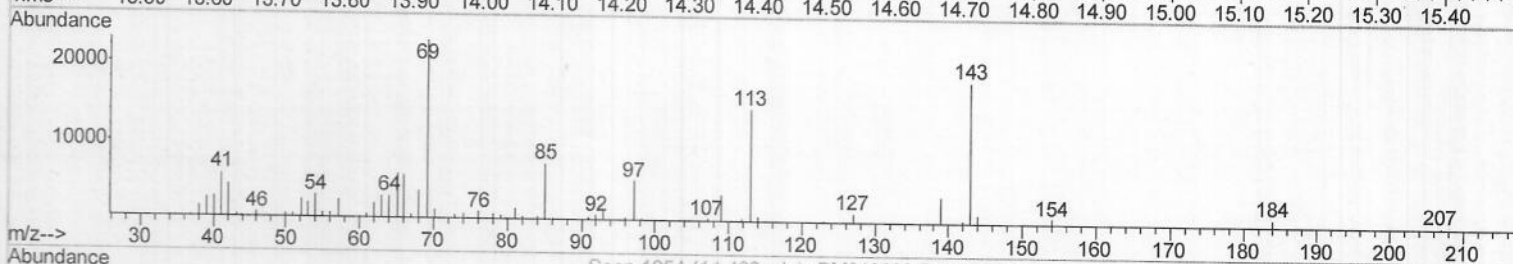
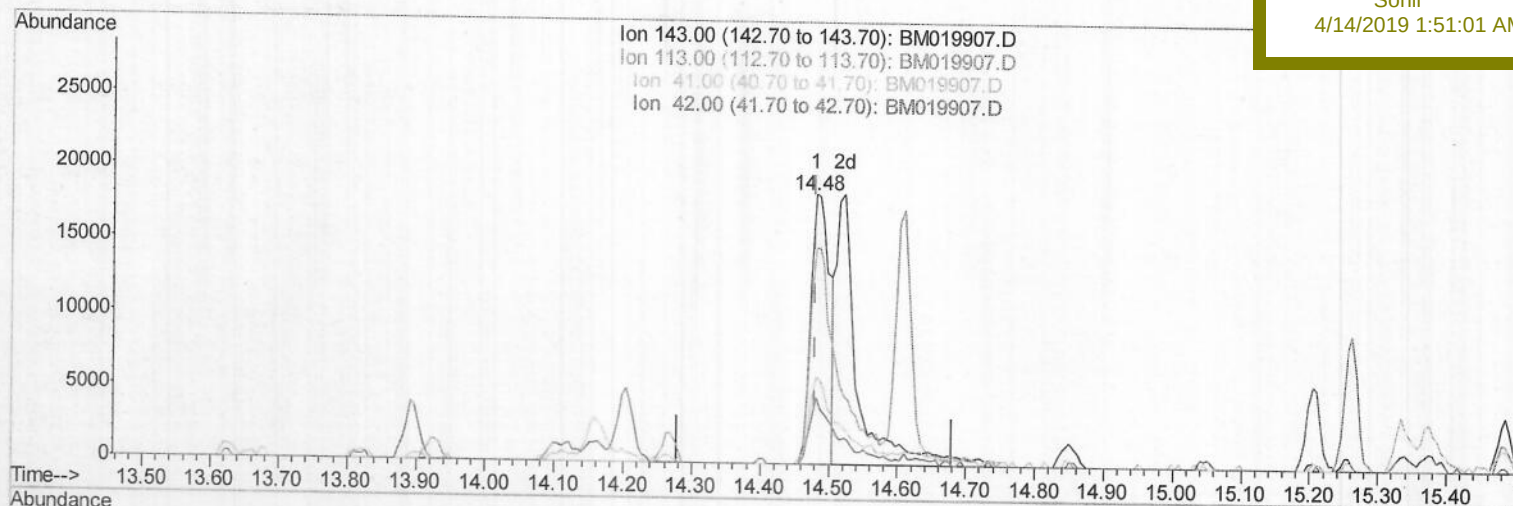
LabSampleId :

SSTD02004

Manual Integrations
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(52) 4-Nitrophenol-d4 (S)

14.480min (-0.000) 11.65ng/ul

response 34454

Ion	Exp%	Act%
143.00	100	100
113.00	77.10	80.29
41.00	32.60	32.42
42.00	22.30	24.78

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM041219\

Data File : BM019907.D

Acq On : 12 Apr 2019 11:29

Operator : JU/SJ

Sample : SSTDCCC020EC

Misc :

ALS Vial : 2 Sample Multiplier: 1

Quant Time: Apr 12 21:09:13 2019

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.M

Quant Title : SVOA CALIBRATION

QLast Update : Fri Apr 12 04:12:05 2019

Response via : Initial Calibration

Instrument :

BNA_M

LabSampleId :

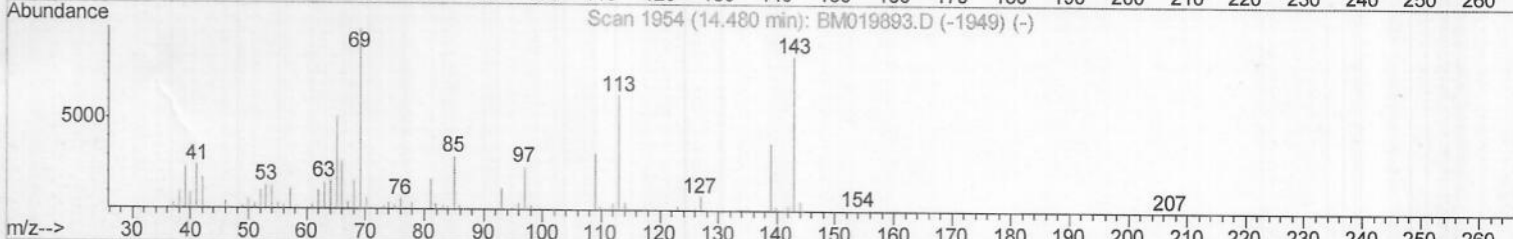
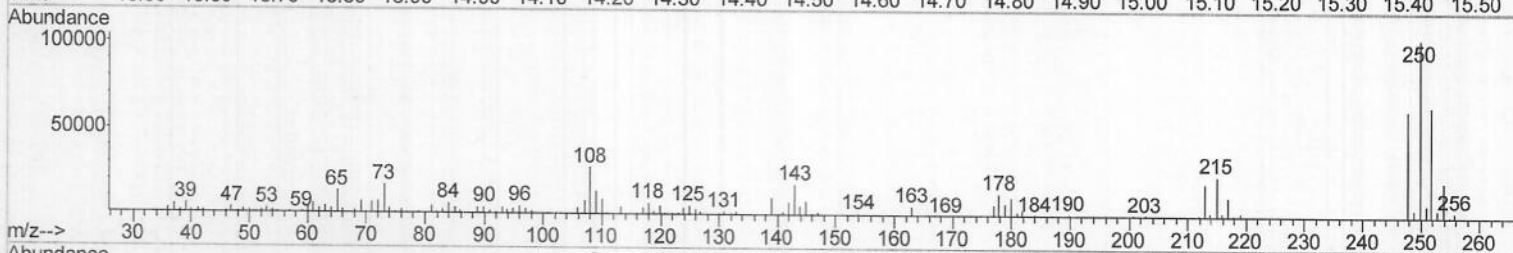
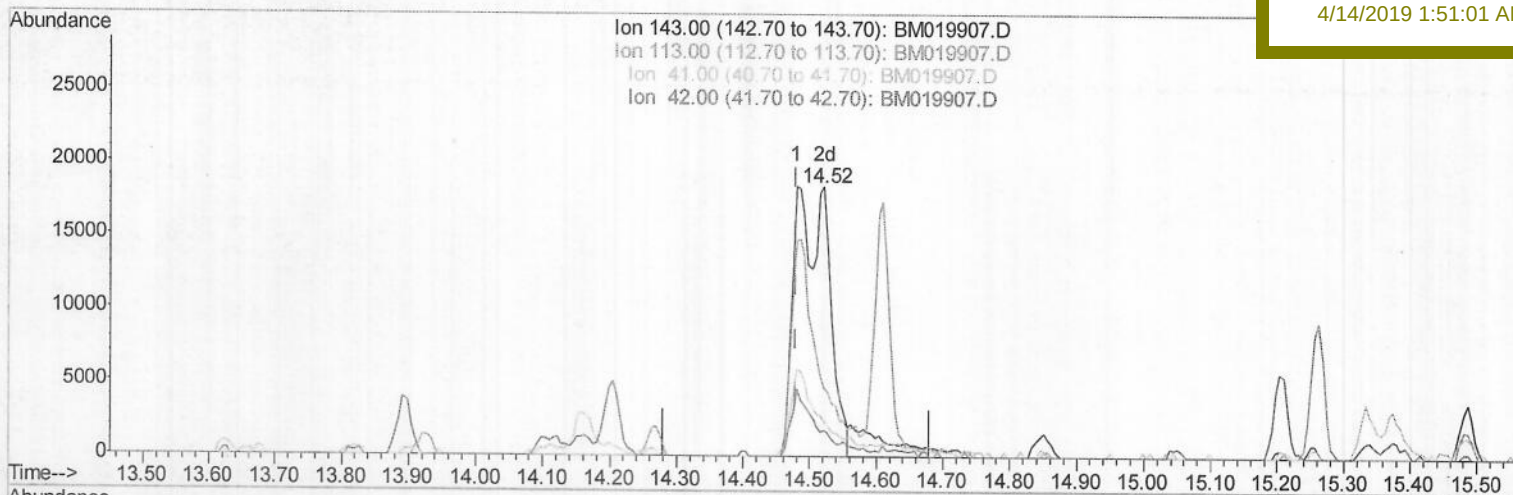
SSTD02004

Manual Integrations

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TIC: BM019907.D

(52) 4-Nitrophenol-d4 (S)

14.521min (+0.041) 22.14ng/ul m

response 65469

Ion Exp% Act%

143.00 100 100

113.00 77.10 25.24#

41.00 32.60 12.52#

42.00 22.30 9.38#

SJ
04/13/19

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM041219\

Data File : BM019907.D

Acq On : 12 Apr 2019 11:29

Operator : JU/SJ

Sample : SSTDCCC020EC

Misc :

ALS Vial : 2 Sample Multiplier: 1

Quant Time: Apr 12 21:09:13 2019

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.M

Quant Title : SVOA CALIBRATION

QLast Update : Fri Apr 12 04:12:05 2019

Response via : Initial Calibration

Instrument :

BNA_M

LabSampleId :

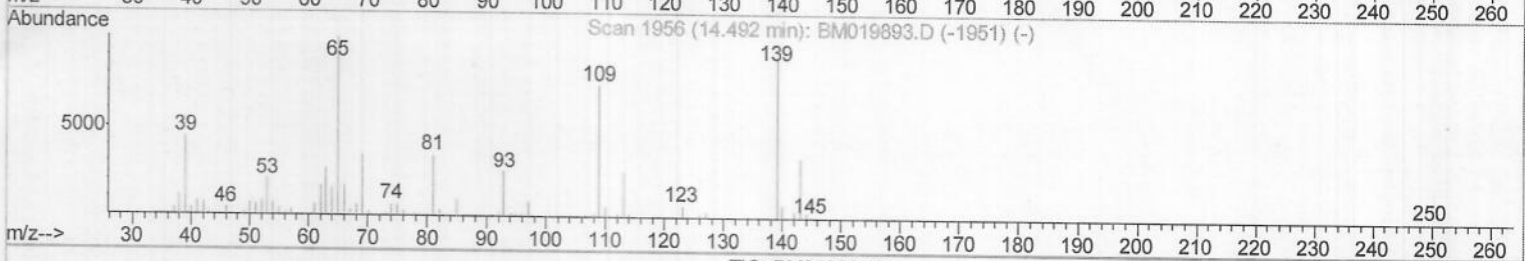
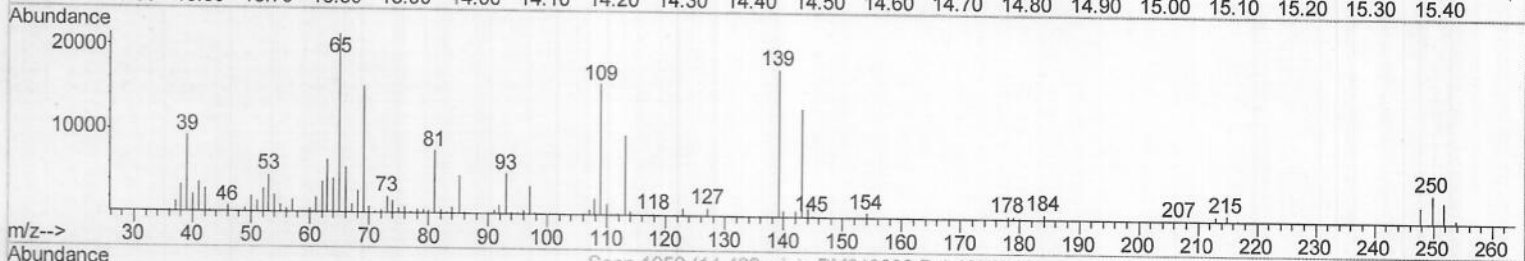
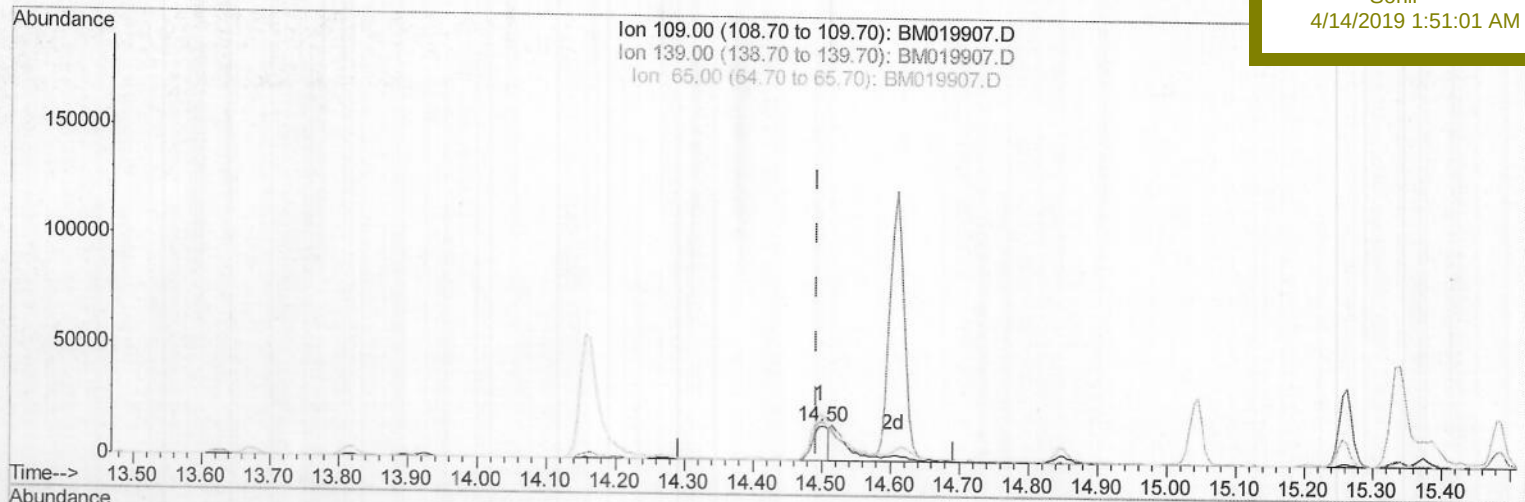
SSTD02004

Manual Integrations

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TIC: BM019907.D

(53) 4-Nitrophenol

14.498min (+0.006) 11.01ng/ul

response 25488

Ion	Exp%	Act%
109.00	100	100
139.00	114.00	112.66
65.00	115.80	136.30
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM041219\

Data File : BM019907.D

Acq On : 12 Apr 2019 11:29

Operator : JU/SJ

Sample : SSTDCCC020EC

Misc :

ALS Vial : 2 Sample Multiplier: 1

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.M

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Instrument :

BNA_M

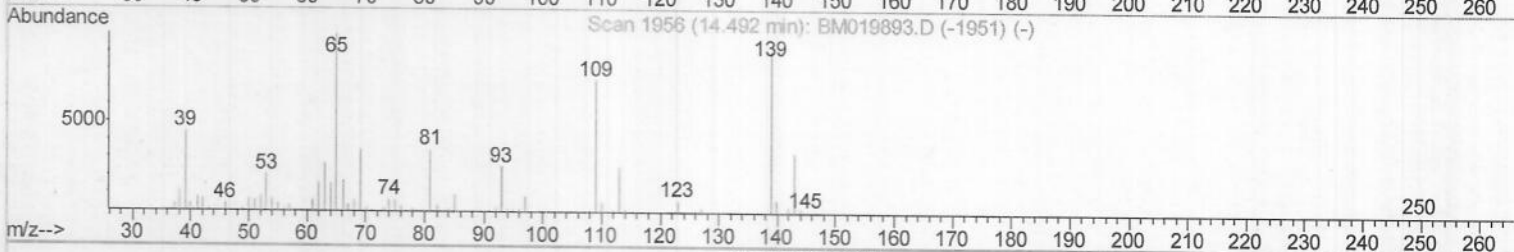
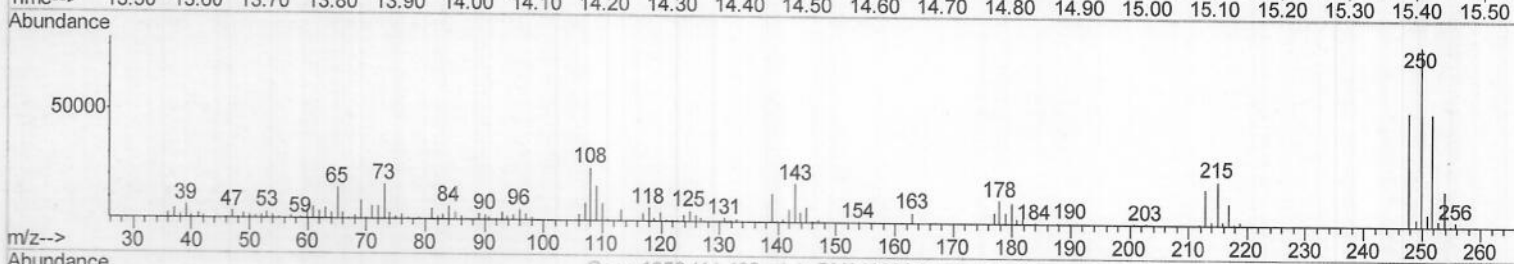
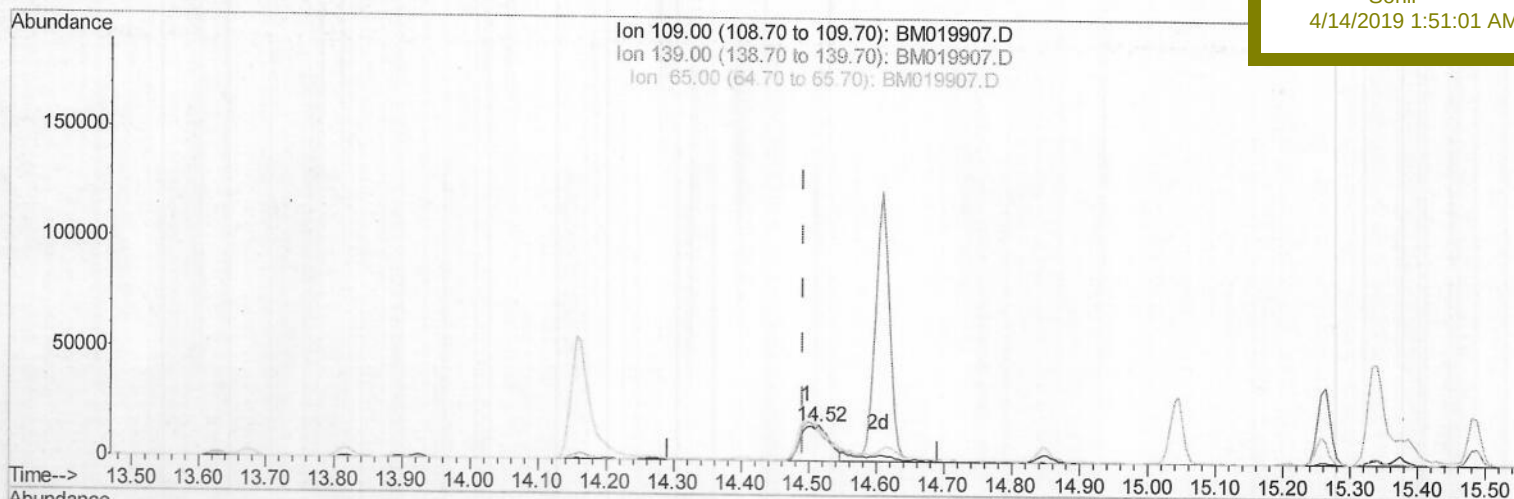
LabSampleId :

SSTD02004

Manual Integrations
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TIC: BM019907.D

(53) 4-Nitrophenol

14.516min (+0.023) 20.01ng/ul m

response 46309

Ion	Exp%	Act%
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109.00	100	100
--------	-----	-----

139.00	114.00	81.76#
--------	--------	--------

65.00	115.80	89.01#
-------	--------	--------

0.00	0.00	0.00
------	------	------

S7
04/13/19

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM041219\
 Data File : BM019907.D
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 Sample : SSTDCCC020EC
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

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Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.54	152	110576	20.00	ng/ul	0.00
18) Naphthalene-d8	10.32	136	434068	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.20	164	233806	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.97	188	505411	20.00	ng/ul	0.00
78) Chrysene-d12	21.19	240	560816	20.00	ng/ul	0.00
86) Perylene-d12	23.39	264	628182	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.10	96	22753	8.06	ng/uL	0.00
5) Phenol-d5	6.74	99	181378	18.42	ng/ul	0.00
7) Bis-(2-Chloroethyl) ether-d	6.90	67	122748	18.62	ng/ul	0.00
9) 2-Chlorophenol-d4	7.07	132	147222	19.73	ng/ul	0.00
13) 4-Methylphenol-d8	8.26	113	133869	18.11	ng/ul	0.00
19) Nitrobenzene-d5	8.72	128	64888	20.96	ng/ul	0.00
22) 2-Nitrophenol-d4	9.42	143	75356	21.87	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.96	165	134927	20.75	ng/ul	0.00
29) 4-Chloroaniline-d4	10.49	131	161161	20.64	ng/ul	0.00
44) Dimethylphthalate-d6	13.63	166	375356	19.90	ng/ul	0.00
47) Acenaphthylene-d8	13.90	160	476834	20.21	ng/ul	0.00
52) 4-Nitrophenol-d4	14.52	143	65469m	22.14	ng/ul	0.04
58) Fluorene-d10	15.21	176	316337	19.46	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.37	200	54442	16.29	ng/ul	0.00
71) Anthracene-d10	17.07	188	479447	19.77	ng/ul	0.00
79) Pyrene-d10	19.38	212	511134	19.73	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.24	264	662985	19.91	ng/ul	0.00

Target Compounds

					Qvalue	
2) 1,4-Dioxane	3.13	88	24999	7.779	ng/uL#	89
4) Benzaldehyde	6.72	77	146156	20.721	ng/ul	97
6) Phenol	6.76	94	187383	18.236	ng/ul	96
8) Bis(2-Chloroethyl) ether	6.99	93	147301	18.739	ng/ul	98
10) 2-Chlorophenol	7.11	128	150537	19.843	ng/ul	99
11) 2-Methylphenol	8.00	108	133381	18.613	ng/ul	99
12) 2,2'-oxybis(1-Chloropropan	8.07	45	128514m	17.248	ng/ul	
14) Acetophenone	8.37	105	221809	18.427	ng/ul	89
15) N-Nitroso-di-n-propylamine	8.35	70	128971	19.119	ng/ul#	85
16) 4-Methylphenol	8.33	108	142032	18.071	ng/ul	94
17) Hexachloroethane	8.59	117	66709	20.922	ng/ul#	77
20) Nitrobenzene	8.76	77	184031	19.966	ng/ul	98
21) Isophorone	9.27	82	324406	20.516	ng/ul	97
23) 2-Nitrophenol	9.46	139	78888	20.752	ng/ul	96
24) 2,4-Dimethylphenol	9.52	107	163505	19.793	ng/ul	96
25) Bis(2-Chloroethoxy) methane	9.75	93	183223	19.202	ng/ul	98
27) 2,4-Dichlorophenol	9.99	162	129148	20.099	ng/ul	96
28) Naphthalene	10.37	128	440559	19.592	ng/ul	98
30) 4-Chloroaniline	10.52	127	167072	20.322	ng/ul	98
31) Hexachlorobutadiene	10.62	225	84424	20.827	ng/ul	98
32) Caprolactam	11.33	113	38528m	20.194	ng/ul	
33) 4-Chloro-3-methylphenol	11.65	107	139229	20.102	ng/ul	97
34) 2-Methylnaphthalene	11.99	142	304598	19.332	ng/ul	100

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Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	12.22	142	287031	19.293	ng/ul	96
37) 1,2,4,5-Tetrachlorobenzene	12.37	216	145869	19.606	ng/ul#	94
38) Hexachlorocyclopentadiene	12.32	237	67083	17.578	ng/ul#	93
39) 2,4,6-Trichlorophenol	12.63	196	93832	20.215	ng/ul	96
40) 2,4,5-Trichlorophenol	12.72	196	99507	19.989	ng/ul	96
41) 1,1'-Biphenyl	13.03	154	383696	19.268	ng/ul#	96
42) 2-Chloronaphthalene	13.07	162	300141	19.681	ng/ul	97
43) 2-Nitroaniline	13.32	65	90473	21.603	ng/ul	92
45) Dimethylphthalate	13.67	163	371864	19.646	ng/ul#	98
46) 2,6-Dinitrotoluene	13.82	165	71168	20.481	ng/ul#	81
48) Acenaphthylene	13.93	152	464639	19.873	ng/ul	100
49) 3-Nitroaniline	14.16	138	70188	20.642	ng/ul	93
50) Acenaphthene	14.27	153	317869	19.304	ng/ul	98
51) 2,4-Dinitrophenol	14.40	184	35158	17.474	ng/ul#	69
53) 4-Nitrophenol	14.52	109	46309m	20.009	ng/ul	
54) Dibenzofuran	14.61	168	444219	19.318	ng/ul	98
55) 2,4-Dinitrotoluene	14.62	165	111513	21.671	ng/ul#	76
56) 2,3,4,6-Tetrachlorophenol	14.85	232	82111	19.581	ng/ul#	77
57) Diethylphthalate	15.04	149	381113	20.470	ng/ul	94
59) Fluorene	15.26	166	360137	19.763	ng/ul	100
60) 4-Chlorophenyl-phenylether	15.26	204	173116	19.044	ng/ul#	86
61) 4-Nitroaniline	15.34	138	71810	19.347	ng/ul	96
64) 4,6-Dinitro-2-methylphenol	15.39	198	57398	16.221	ng/ul#	77
65) N-Nitrosodiphenylamine	15.49	169	306823	19.513	ng/ul	99
66) 4-Bromophenyl-phenylether	16.16	248	107290	19.548	ng/ul	94
67) Hexachlorobenzene	16.26	284	127814	19.231	ng/ul#	89
68) Atrazine	16.44	200	107589	19.552	ng/ul	95
69) Pentachlorophenol	16.63	266	57225	16.473	ng/ul	98
70) Phenanthrene	17.01	178	555956	19.401	ng/ul	99
72) Anthracene	17.10	178	568874	19.459	ng/ul	97
73) 1,2,3,4-Tetrachlorobenzene	12.99	216	138789	18.941	ng/uL	98
74) Pentachlorobenzene	14.52	250	145704	19.010	ng/uL	97
75) Carbazole	17.39	167	513333	19.579	ng/ul#	97
76) Di-n-butylphthalate	17.93	149	642756	22.116	ng/ul	99
77) Fluoranthene	19.04	202	634804	19.332	ng/ul#	89
80) Pyrene	19.41	202	660172	19.567	ng/ul#	86
81) Butylbenzylphthalate	20.32	149	317325	23.754	ng/ul#	87
82) 3,3'-Dichlorobenzidine	21.12	252	254824	20.916	ng/ul#	97
83) Benzo(a)anthracene	21.17	228	670674	19.869	ng/ul	99
84) Bis(2-ethylhexyl)phthalate	21.09	149	473280	24.442	ng/ul#	94
85) Chrysene	21.22	228	636876	19.663	ng/ul	99
87) Di-n-octyl phthalate	21.96	149	827928	21.130	ng/ul	100
88) Benzo(b)fluoranthene	22.73	252	751572	19.642	ng/ul#	96
89) Benzo(k)fluoranthene	22.77	252	681740	18.553	ng/ul#	96
91) Benzo(a)pyrene	23.29	252	716034	19.575	ng/ul#	97
92) Indeno(1,2,3-cd)pyrene	25.60	276	928379	20.267	ng/ul#	89
93) Dibenzo(a,h)anthracene	25.60	278	788855	20.201	ng/ul#	95
94) Benzo(g,h,i)perylene	26.27	276	773685	20.212	ng/ul#	94

SJ
 04/13/19

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM041219\

Data File : BM019907.D

Acq On : 12 Apr 2019 11:29

Operator : JU/SJ

Sample : SSTDCCC020EC

Misc :

ALS Vial : 2 Sample Multiplier: 1

Quant Time: Apr 12 21:11:10 2019

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.M

Quant Title : SVOA CALIBRATION

QLast Update : Fri Apr 12 04:12:05 2019

Response via : Initial Calibration

Instrument :

BNA_M

LabSampleId :

SSTD02004

Manual Integrations

APPROVED

Sohil

4/14/2019 1:51:01 AM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev (Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed