

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM082319\
Quantitation Report (Qedit)

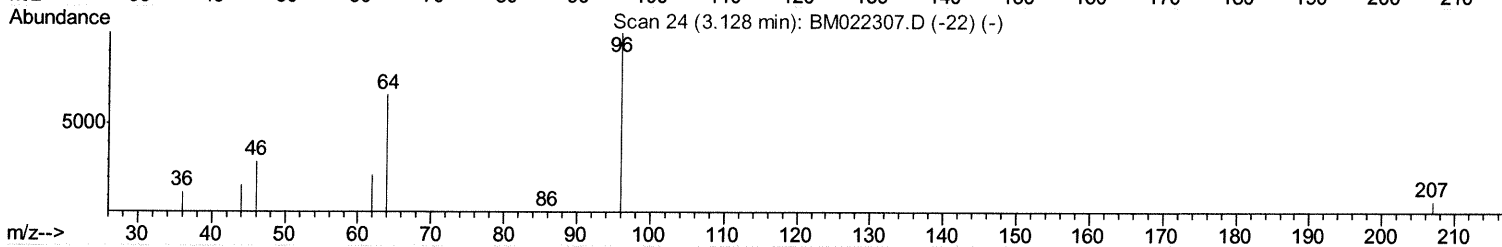
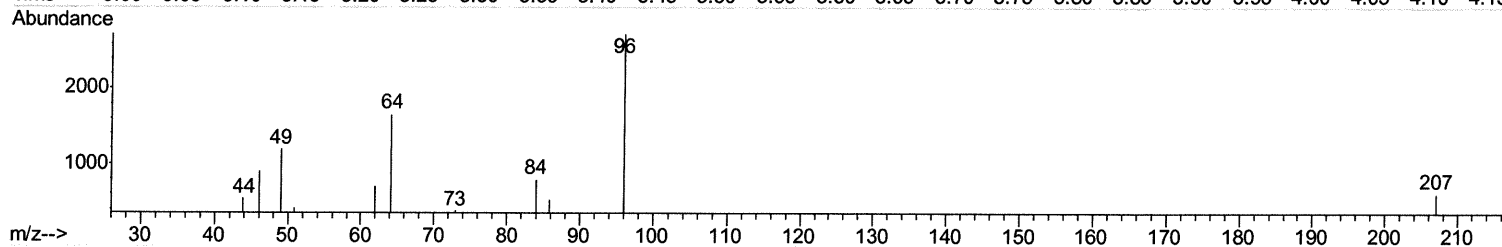
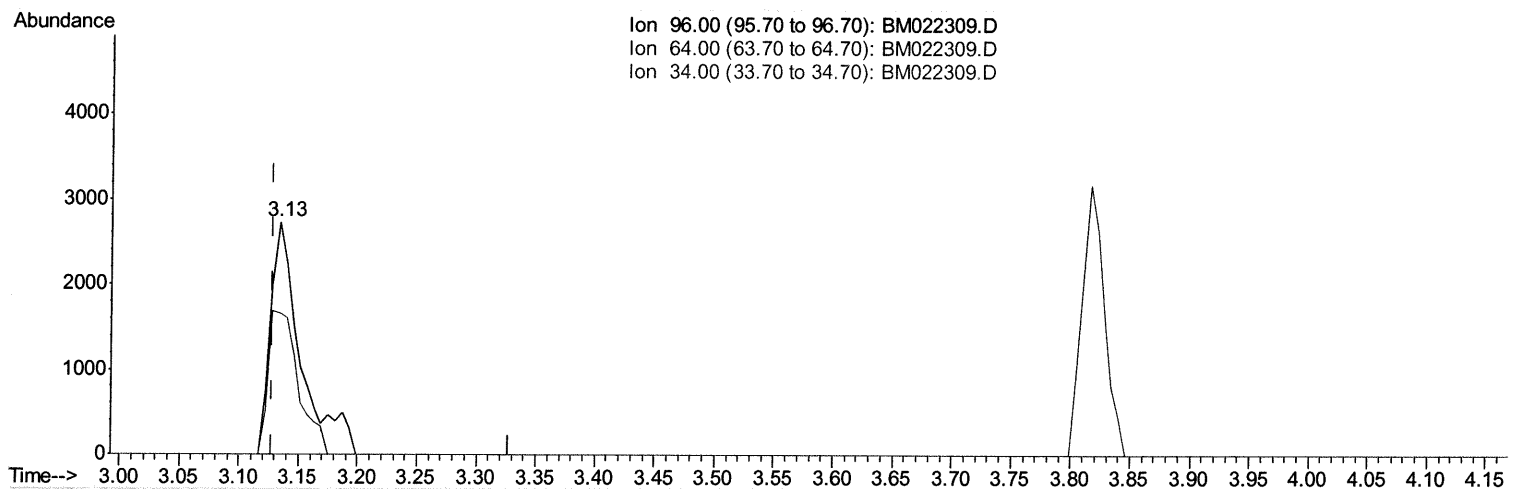
Data File : BM022309.D
Acq On : 25 Aug 2019 01:43
Operator : HP/JU
Sample : K4373-14
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0AD2

Manual Integrations
APPROVED

JAGRUT
8/27/2019 7:50:26 AM

Quant Time: Aug 26 01:35:33 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM082219MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Aug 26 01:32:10 2019
Response via : Initial Calibration



TIC: BM022309.D

(3) 1,4-Dioxane-d8 (S)

3.134min (+0.006) 3.97ng/uL

response 4189

Ion	Exp%	Act%
96.00	100	100
64.00	64.80	60.76
34.00	0.00	0.00
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM082319\
Quantitation Report (Qedit)

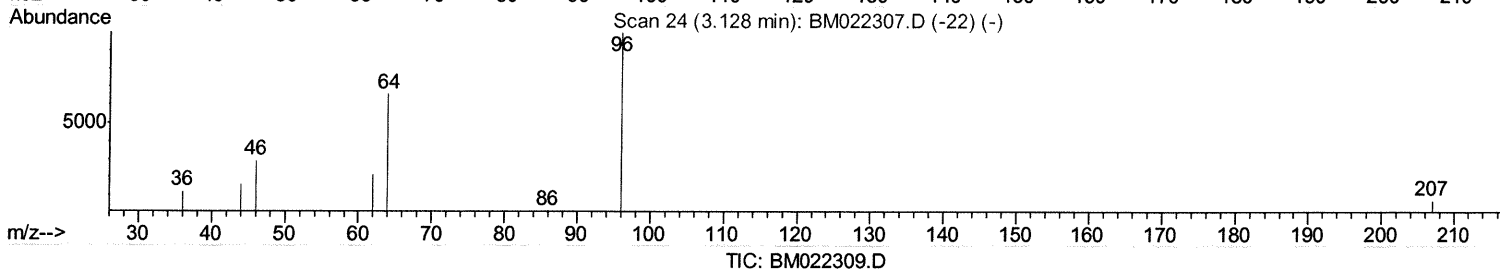
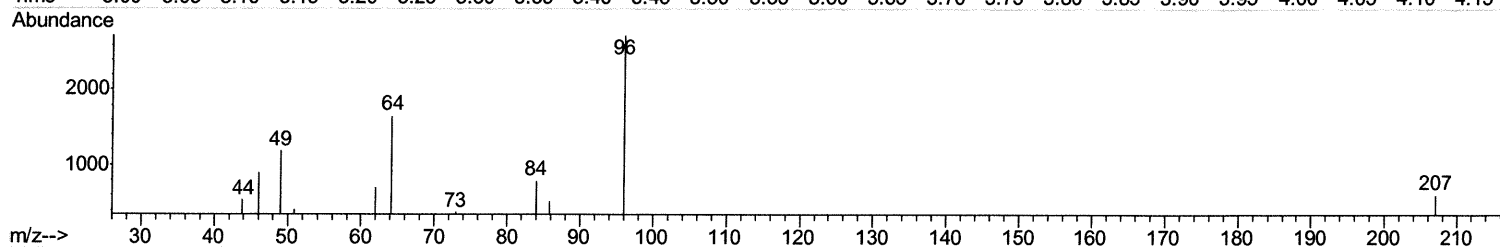
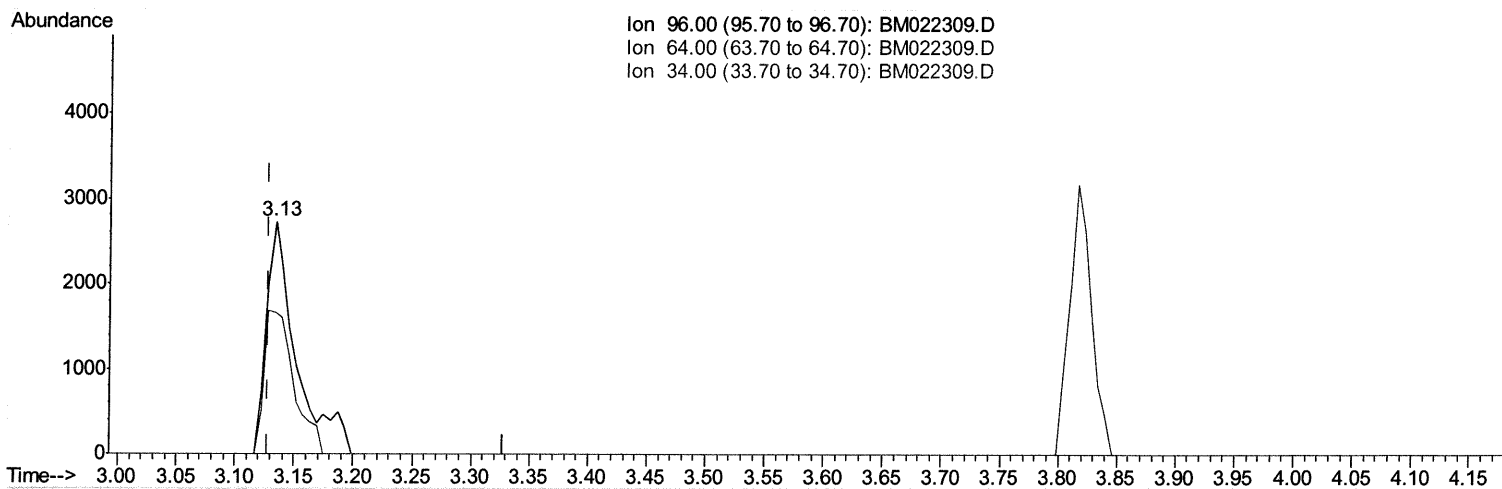
Data File : BM022309.D
Acq On : 25 Aug 2019 01:43
Operator : HP/JU
Sample : K4373-14
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ALS Vial : 18 Sample Multiplier: 1

Instrument :
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Manual Integrations
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Quant Title : SVOA CALIBRATION
QLast Update : Mon Aug 26 01:32:10 2019
Response via : Initial Calibration



(3) 1,4-Dioxane-d8 (S)

3.134min (+0.006) 4.26ng/uL m *JU* *08/26/19*

response 4493

Ion	Exp%	Act%
96.00	100	100
64.00	64.80	60.76
34.00	0.00	0.00
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM082319\
Quantitation Report (Qedit)

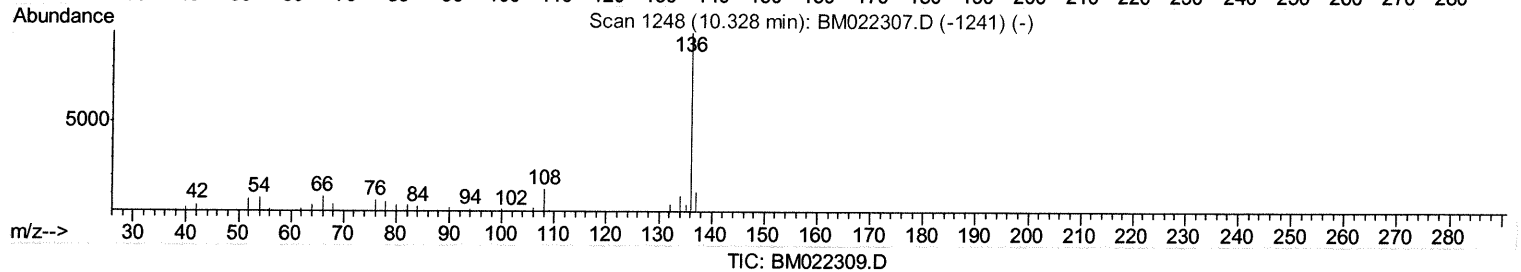
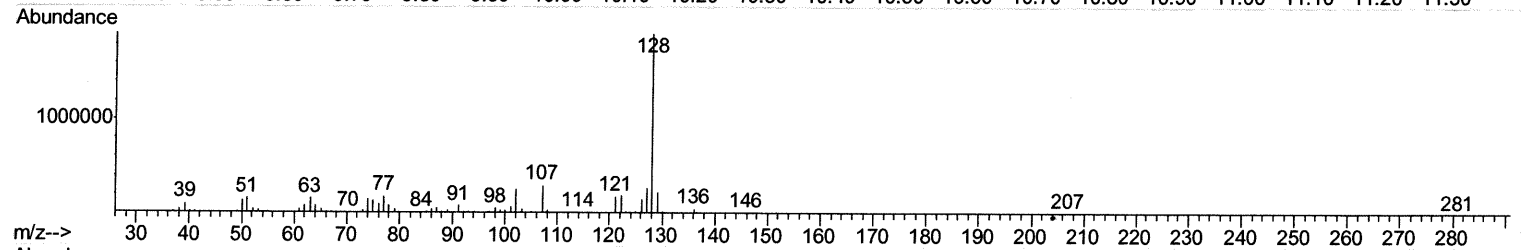
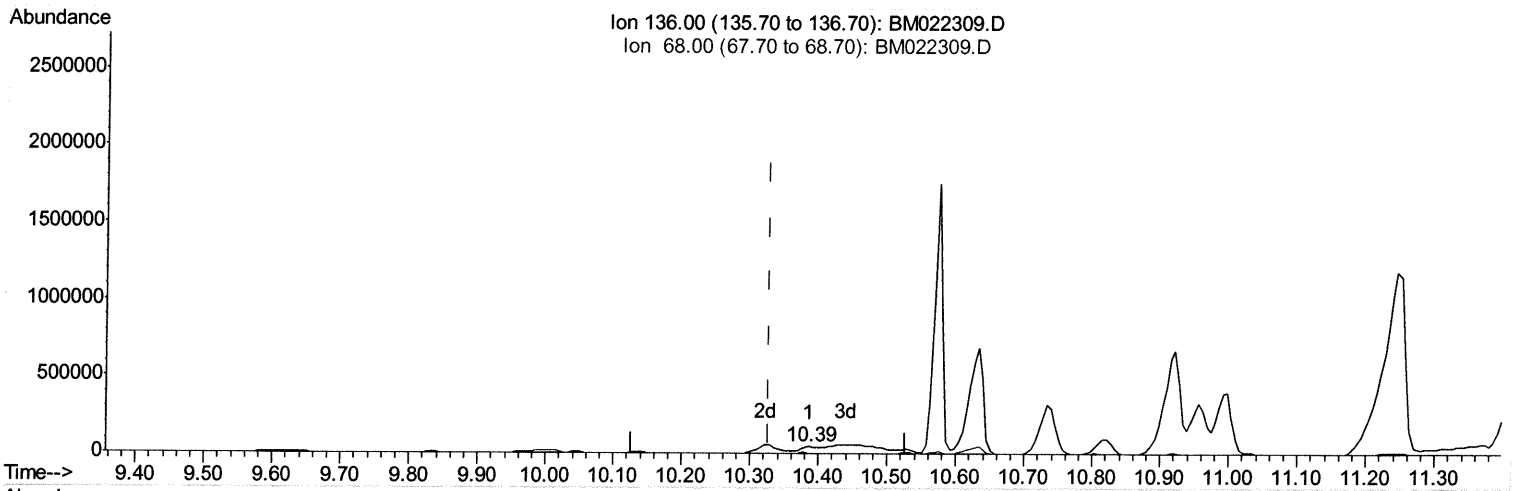
Data File : BM022309.D
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Operator : HP/JU
Sample : K4373-14
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
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Manual Integrations
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(18) Naphthalene-d8 (I)

10.386min (+0.059) 20.00ng/ul

response 52078

Ion	Exp%	Act%
136.00	100	100
68.00	5.40	6.31
0.00	0.00	0.00
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM082319\
Quantitation Report (Qedit)

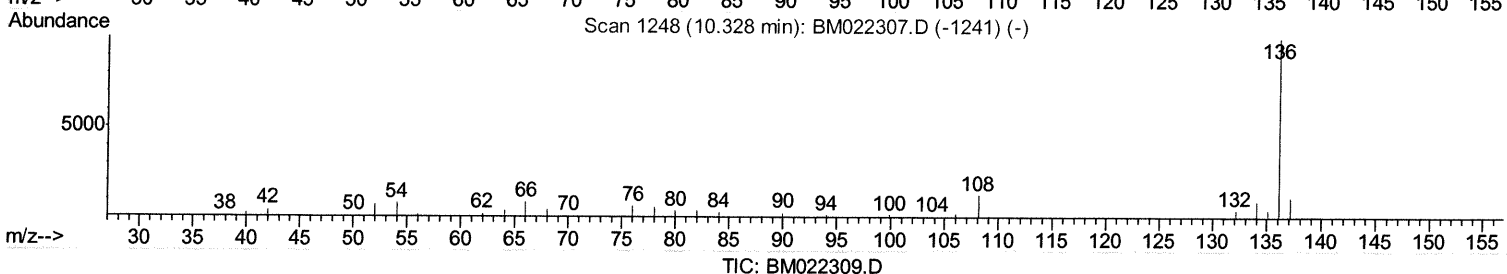
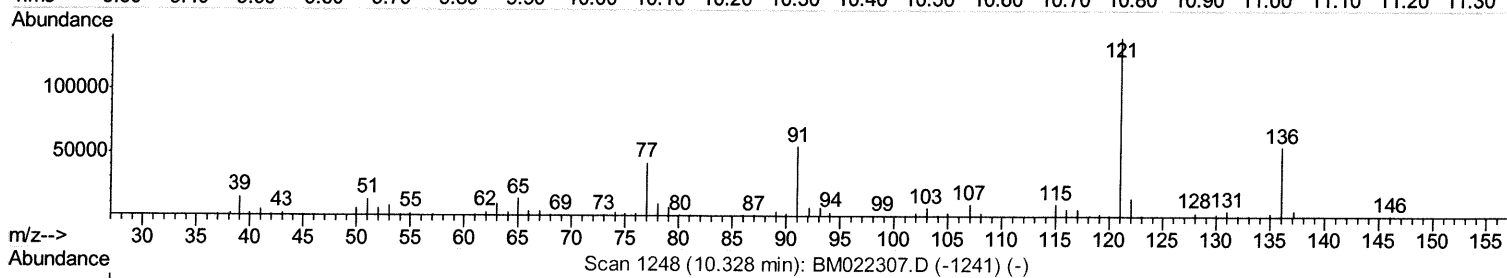
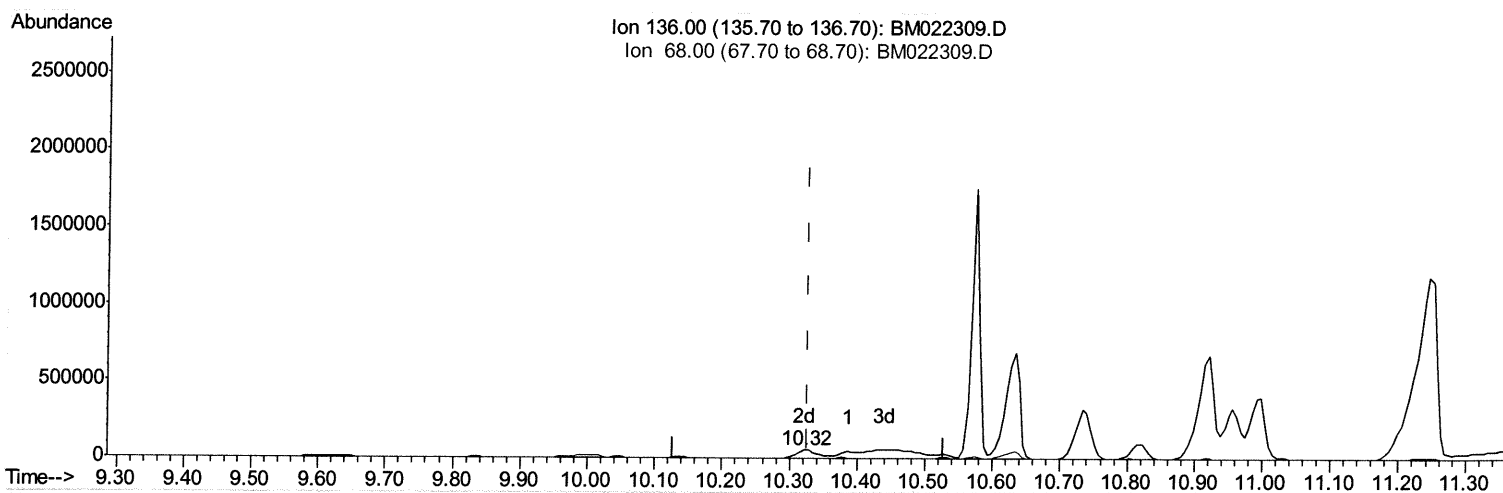
Data File : BM022309.D
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Sample : K4373-14
Misc :
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Instrument :
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Manual Integrations
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(18) Naphthalene-d8 (I)

10.322min (-0.006) 20.00ng/ul m

JG
08/26/17

response 116365

Ion	Exp%	Act%
136.00	100	100
68.00	5.40	1.52#
0.00	0.00	0.00
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM082319\
Quantitation Report (Qedit)

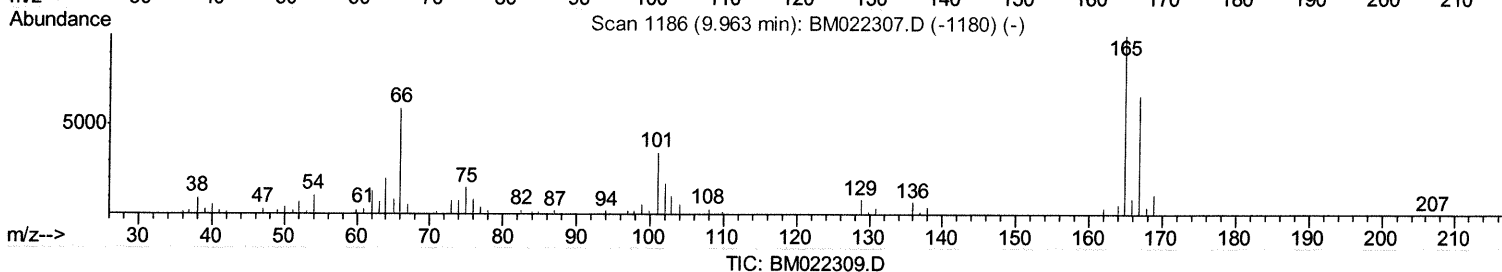
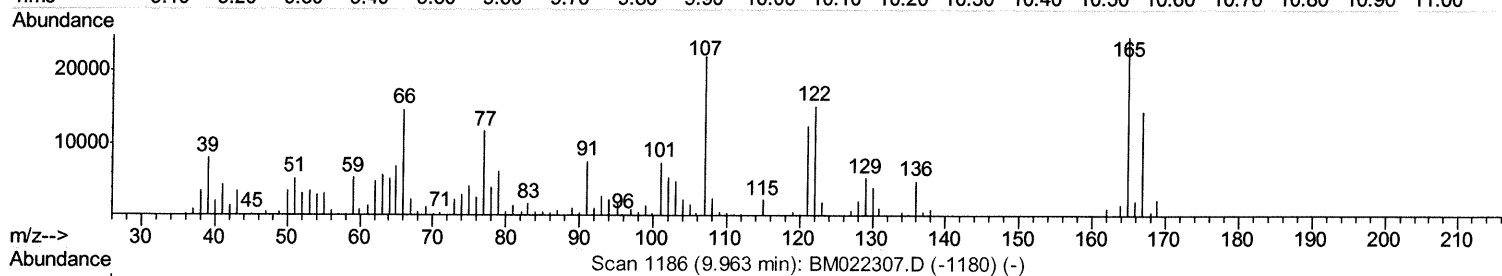
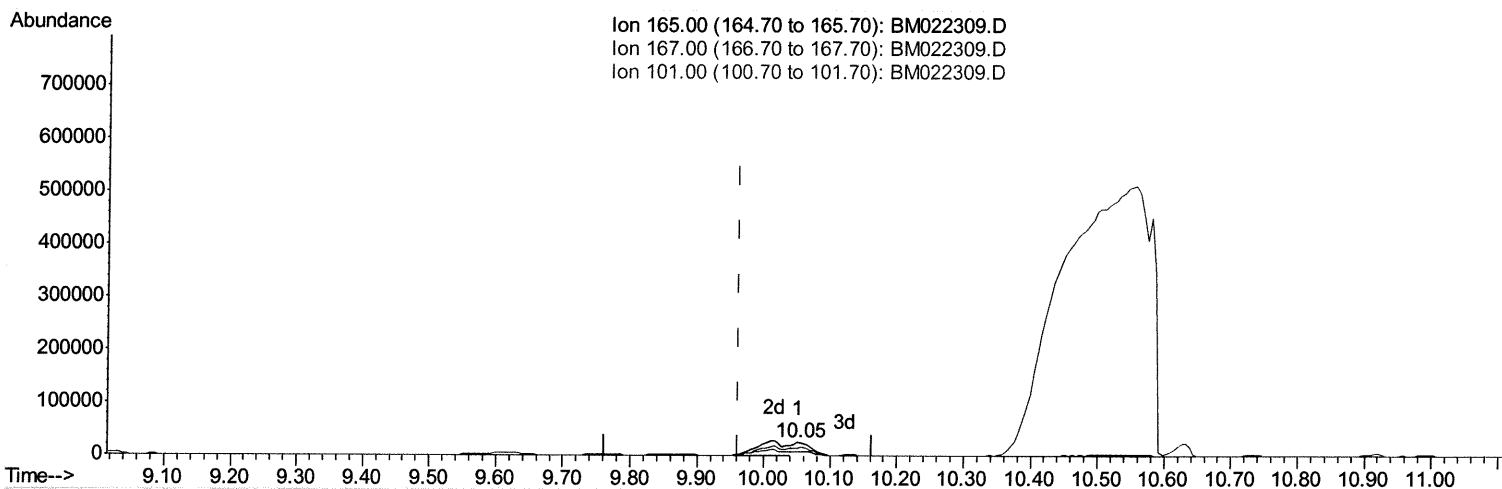
Data File : BM022309.D
Acq On : 25 Aug 2019 01:43
Operator : HP/JU
Sample : K4373-14
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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Manual Integrations
APPROVED

JAGRUT
8/27/2019 7:50:26 AM

Quant Time: Aug 26 02:03:07 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM082219MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Aug 26 01:32:10 2019
Response via : Initial Calibration



(26) 2,4-Dichlorophenol-d3 (S)

10.051min (+0.088) 22.87ng/ul

response 47017

Ion	Exp%	Act%
165.00	100	100
167.00	62.10	58.97
101.00	31.40	30.35
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM082319\
Quantitation Report (Qedit)

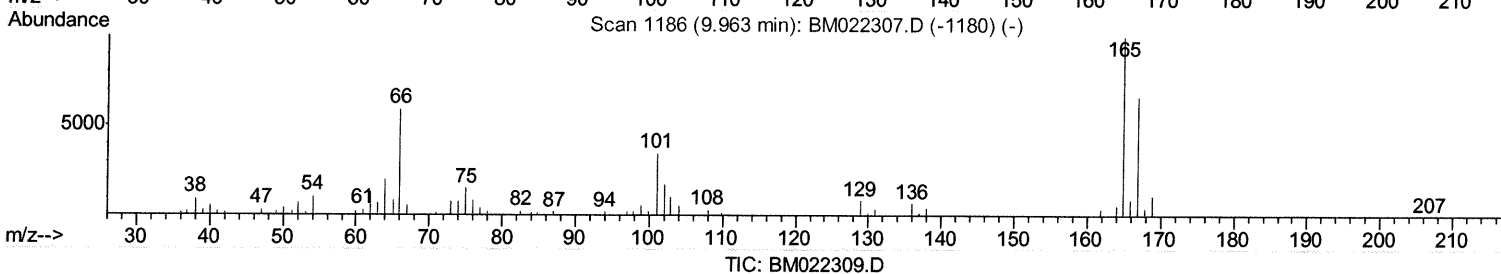
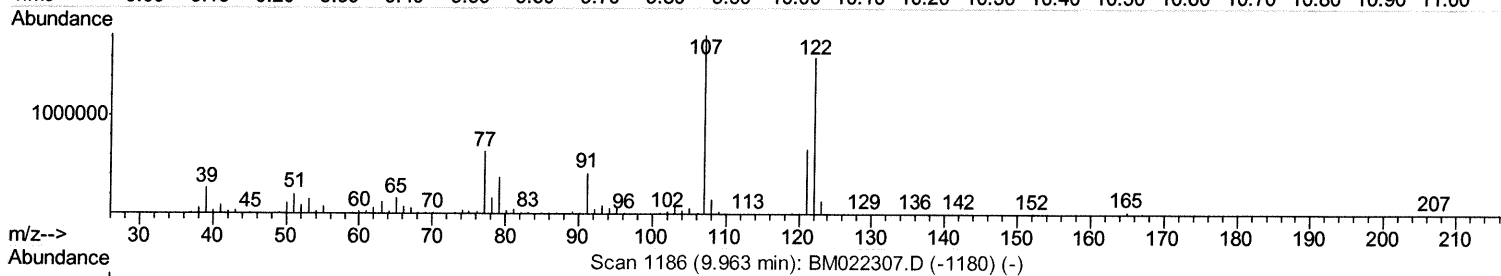
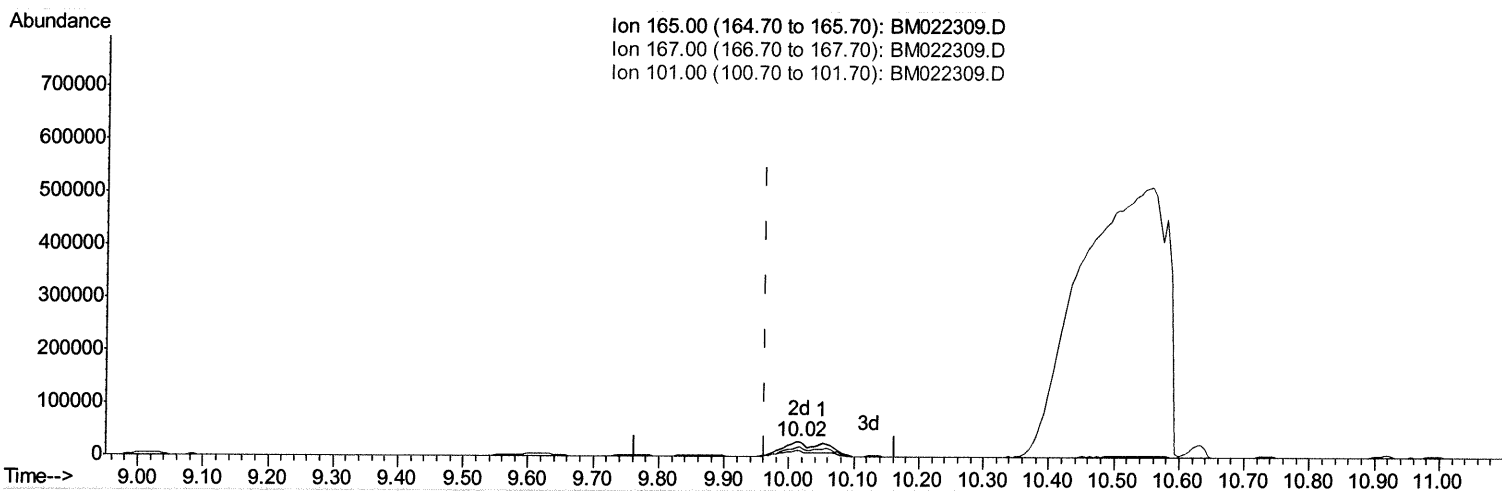
Data File : BM022309.D
Acq On : 25 Aug 2019 01:43
Operator : HP/JU
Sample : K4373-14
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0AD2

Manual Integrations
APPROVED

JAGRUT
8/27/2019 7:50:26 AM

Quant Time: Aug 26 02:03:07 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM082219MA.M
Quant Title : SVOA CALIBRATION
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Response via : Initial Calibration



(26) 2,4-Dichlorophenol-d3 (S)

10.016min (+0.053) 62.37ng/ul m

JU
08/26/19

response 128223

Ion	Exp%	Act%
165.00	100	100
167.00	62.10	62.97
101.00	31.40	38.71#
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM082319\
Quantitation Report (Qedit)

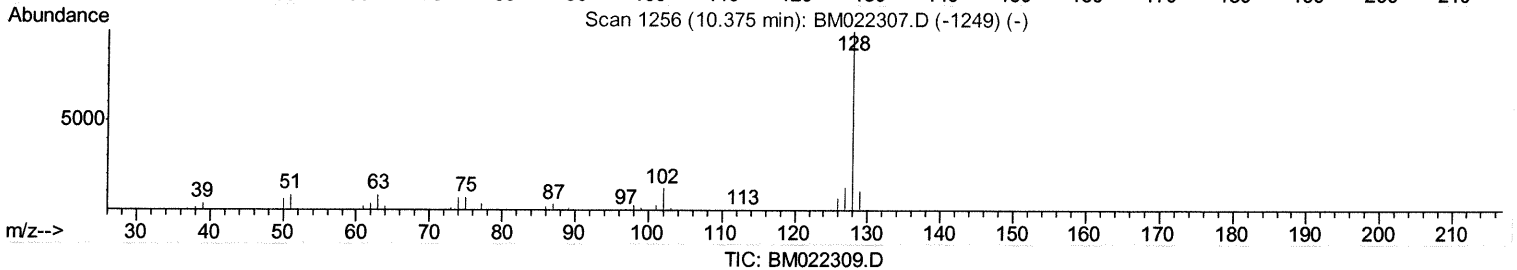
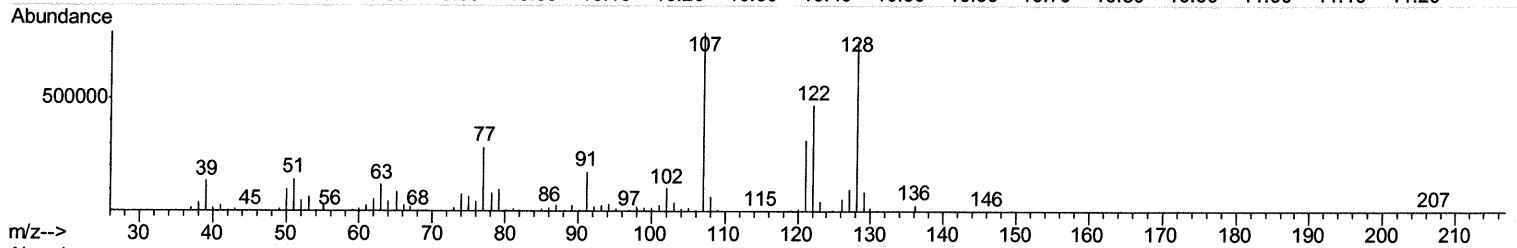
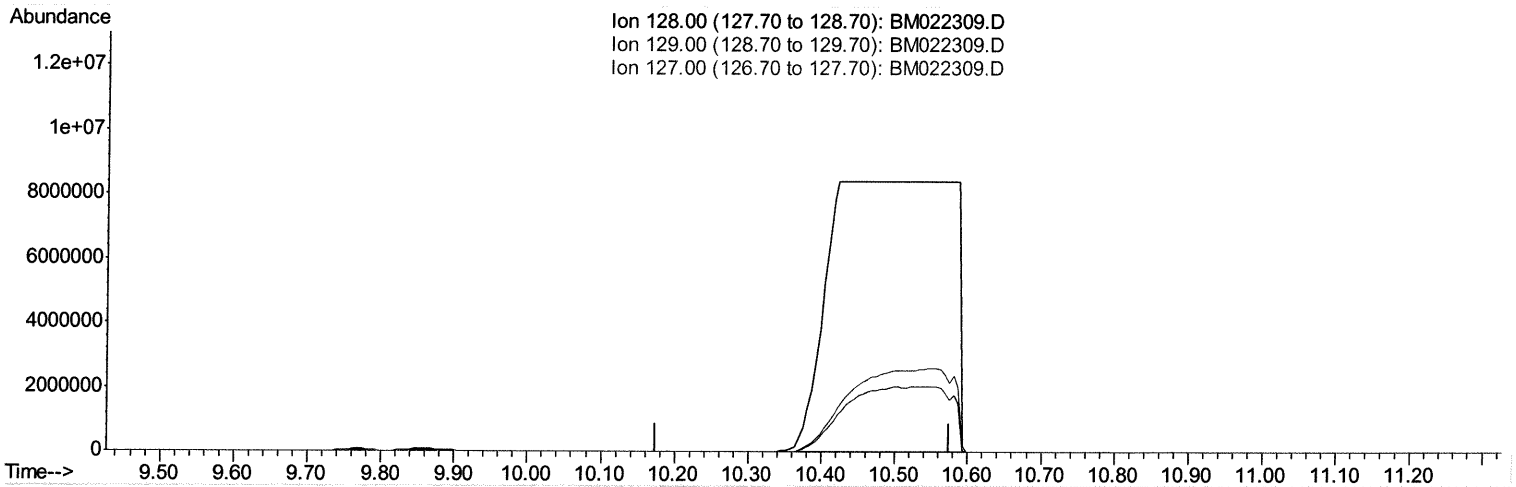
Data File : BM022309.D
Acq On : 25 Aug 2019 01:43
Operator : HP/JU
Sample : K4373-14
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
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Manual Integrations
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Quant Time: Aug 26 02:03:07 2019
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(28) Naphthalene

10.375min (-10.375) 0.00ng/ui

response 0

Ion	Exp%	Act%
128.00	100	0.00
129.00	10.80	0.00#
127.00	13.00	0.00#
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM082319\
Quantitation Report (Qedit)

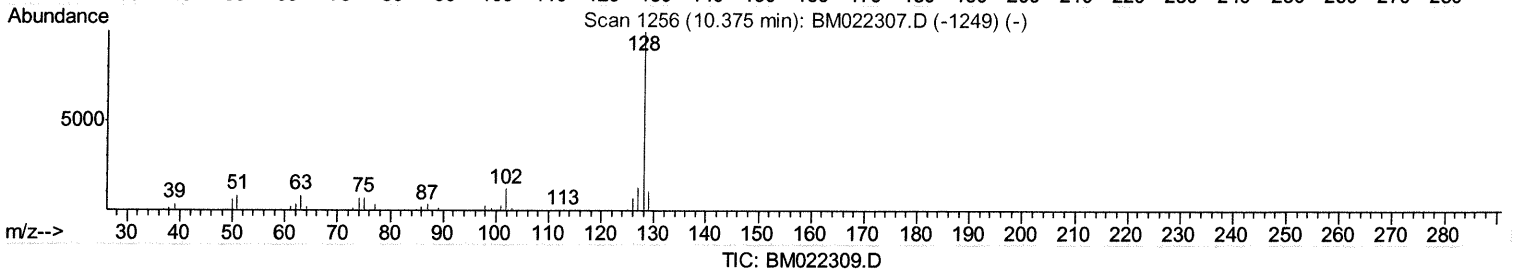
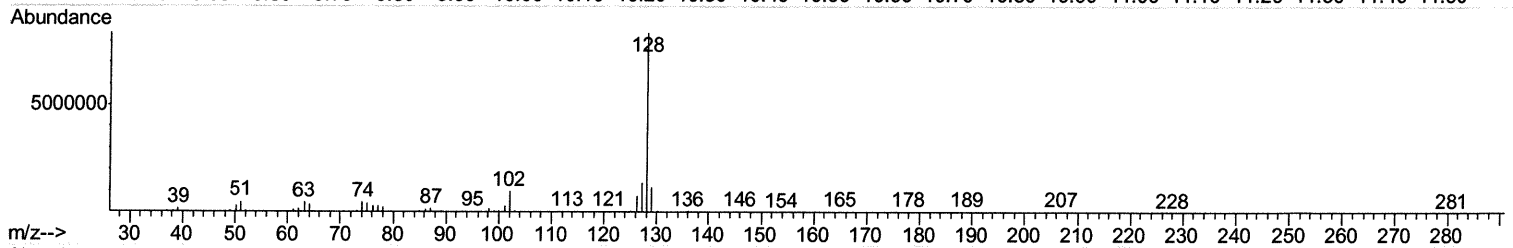
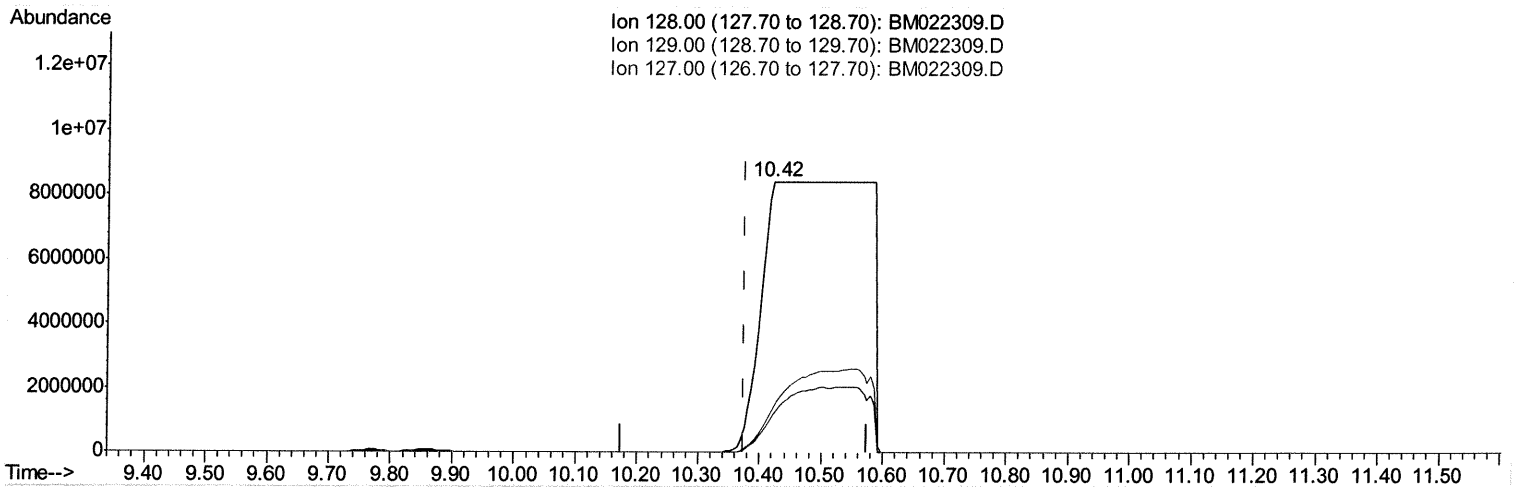
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Sample : K4373-14
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
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Manual Integrations
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(28) Naphthalene

10.422min (+0.047) 15061.96ng/ul m *JU 08/26/19*

response 96724205

Ion	Exp%	Act%
128.00	100	100
129.00	10.80	13.56#
127.00	13.00	16.13#
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM082319\
Quantitation Report (Qedit)

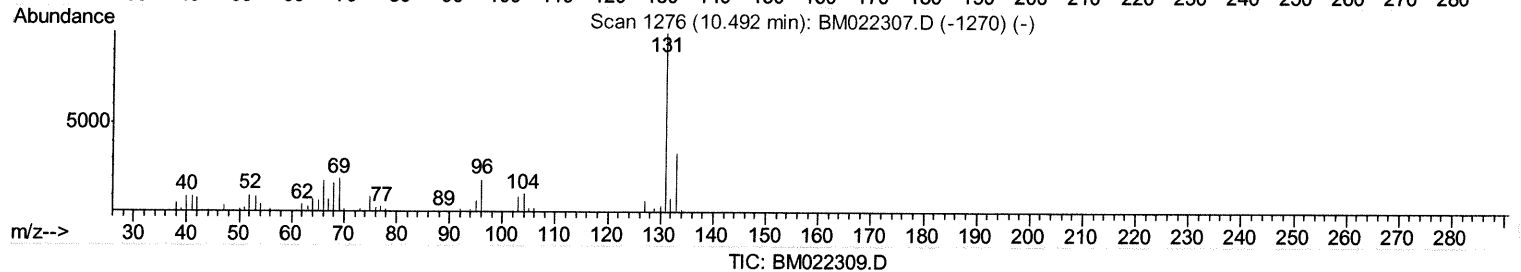
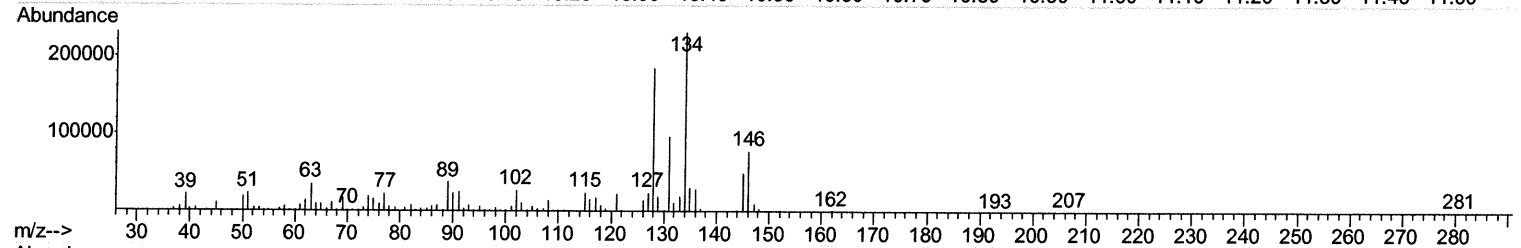
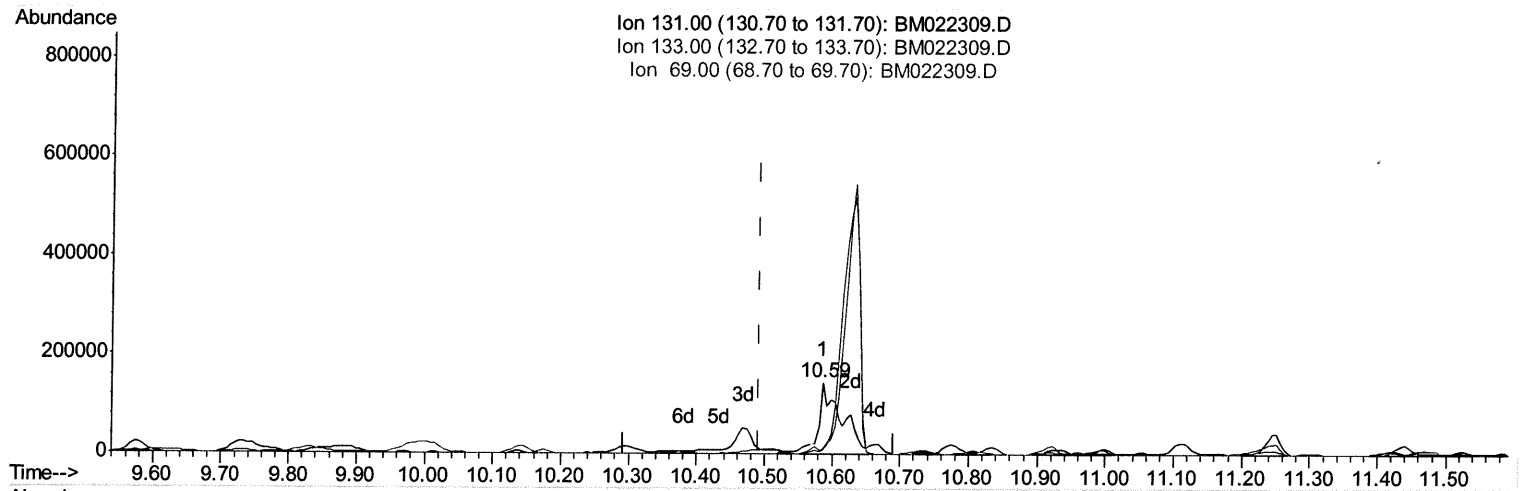
Data File : BM022309.D
Acq On : 25 Aug 2019 01:43
Operator : HP/JU
Sample : K4373-14
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0AD2

Manual Integrations
APPROVED

JAGRUT
8/27/2019 7:50:26 AM

Quant Time: Aug 26 02:04:05 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM082219MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Aug 26 01:32:10 2019
Response via : Initial Calibration



(29) 4-Chloroaniline-d4 (S)

10.586min (+0.094) 34.81ng/ul

response 87045

Ion	Exp%	Act%
131.00	100	100
133.00	31.60	6.66#
69.00	20.00	4.73#
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM082319\
Quantitation Report (Qedit)

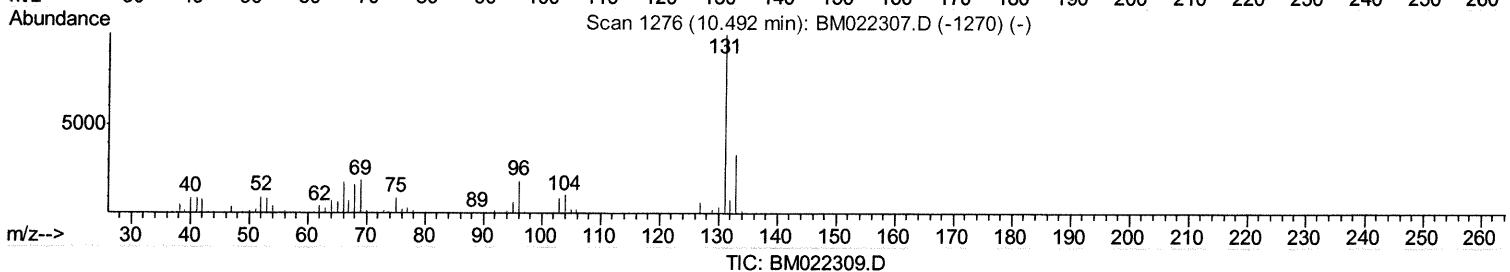
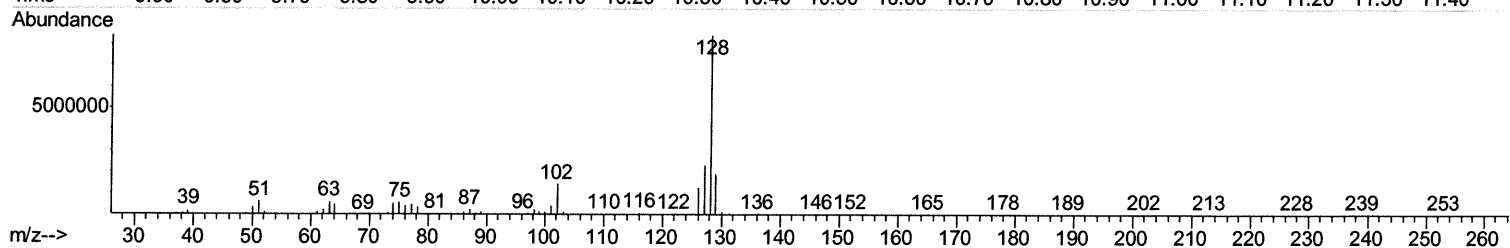
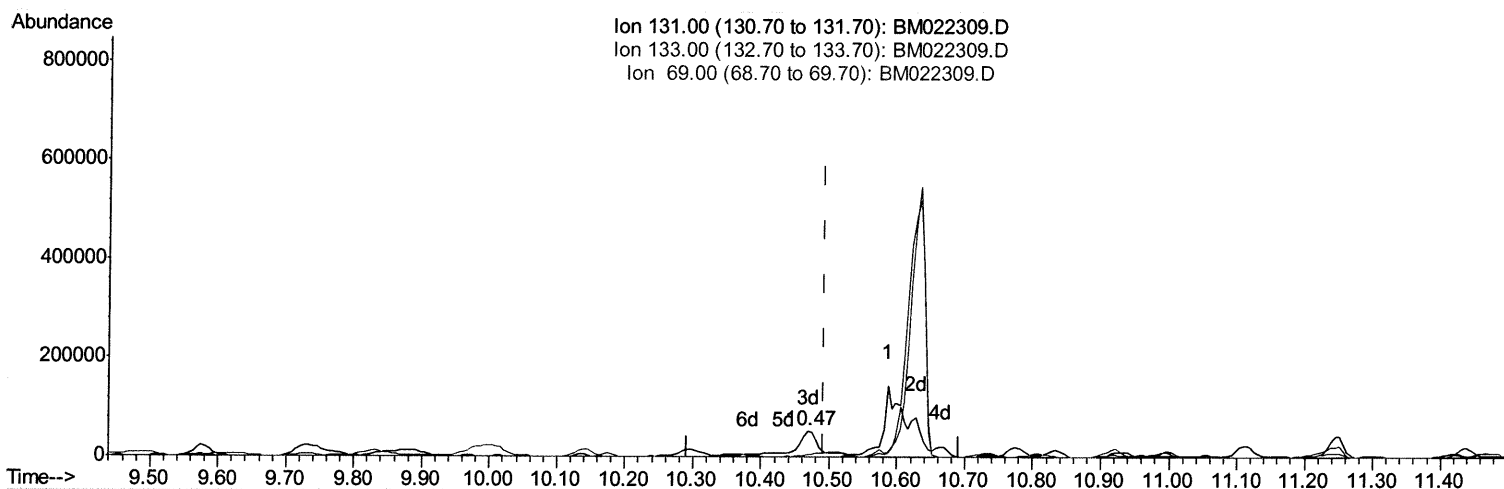
Data File : BM022309.D
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ALS Vial : 18 Sample Multiplier: 1

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Manual Integrations
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QLast Update : Mon Aug 26 01:32:10 2019
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(29) 4-Chloroaniline-d4 (S)

10.469min (-0.024) 36.17ng/ul m

JG
08/26/19

response 90426

Ion	Exp%	Act%
131.00	100	100
133.00	31.60	8.44#
69.00	20.00	0.93#
0.00	0.00	0.00

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Quant Time: Aug 26 02:11:53 2019
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.56	152	47239	20.00	ng/ul	0.00
18) Naphthalene-d8	10.32	136	116365m	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.22	164	160360	20.00	ng/ul	0.01
61) Phenanthrene-d10	16.99	188	388742	20.00	ng/ul	0.01
77) Chrysene-d12	21.19	240	263106	20.00	ng/ul	0.01
85) Perylene-d12	23.39	264	254196	20.00	ng/ul	0.01

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.13	96	4493m	4.26	ng/uL	0.00
5) Phenol-d5	6.76	99	21236	5.21	ng/ul	0.01
7) Bis-(2-Chloroethyl)ether-d	6.92	67	52963	22.33	ng/ul	0.00
9) 2-Chlorophenol-d4	7.09	132	62381	18.95	ng/ul	0.00
13) 4-Methylphenol-d8	8.29	113	42422	12.01	ng/ul	0.01
19) Nitrobenzene-d5	8.75	128	42855	49.39	ng/ul	0.03
22) 2-Nitrophenol-d4	9.49	143	48567	48.09	ng/ul	0.06
26) 2,4-Dichlorophenol-d3	10.02	165	128223m	62.37	ng/ul	0.05
29) 4-Chloroaniline-d4	10.47	131	90426m	36.17	ng/ul	0.02
43) Dimethylphthalate-d6	13.67	166	348466	24.68	ng/ul	0.04
46) Acenaphthylene-d8	13.91	160	382101	25.12	ng/ul	0.01
51) 4-Nitrophenol-d4	14.46	143	35868	17.15	ng/ul	-0.01
57) Fluorene-d10	15.22	176	546040	46.62	ng/ul	0.01
62) 4,6-Dinitro-2-methylphenol	15.42	200	26349	8.78	ng/ul	0.04
70) Anthracene-d10	17.09	188	532750	25.88	ng/ul	0.01
78) Pyrene-d10	19.39	212	507821	37.14	ng/ul	0.01
89) Benzo(a)pyrene-d12	23.24	264	362999	25.99	ng/ul	0.01

Target Compounds

					Qvalue
6) Phenol	6.78	94	68741	15.746	ng/ul 97
10) 2-Chlorophenol	7.13	128	15198	4.448	ng/ul 95
11) 2-Methylphenol	8.02	108	630714	183.460	ng/ul 96
16) 4-Methylphenol	8.36	108	536488	141.933	ng/ul 99
24) 2,4-Dimethylphenol	9.63	107	8916675	3427.856	ng/ul 92
28) Naphthalene	10.42	128	96724205m	15061.961	ng/ul 97
34) 2-Methylnaphthalene	12.06	142	16608061	3356.641	ng/ul 99
40) 1,1'-Biphenyl	13.04	154	1223190	93.728	ng/ul 99
44) Dimethylphthalate	13.72	163	48714	3.390	ng/ul# 94
47) Acenaphthylene	13.94	152	522509	33.127	ng/ul 99
49) Acenaphthene	14.30	153	3859409	344.640	ng/ul 99
53) Dibenzofuran	14.64	168	4299326	257.769	ng/ul 89
58) Fluorene	15.29	166	3320398	236.359	ng/ul 98
69) Phenanthrene	17.04	178	4195342	180.396	ng/ul 99
71) Anthracene	17.12	178	545849	22.555	ng/ul 98
74) Carbazole	17.44	167	11615423	531.384	ng/ul 97
76) Fluoranthene	19.05	202	259228	7.397	ng/ul 99
79) Pyrene	19.42	202	140195	8.232	ng/ul 98

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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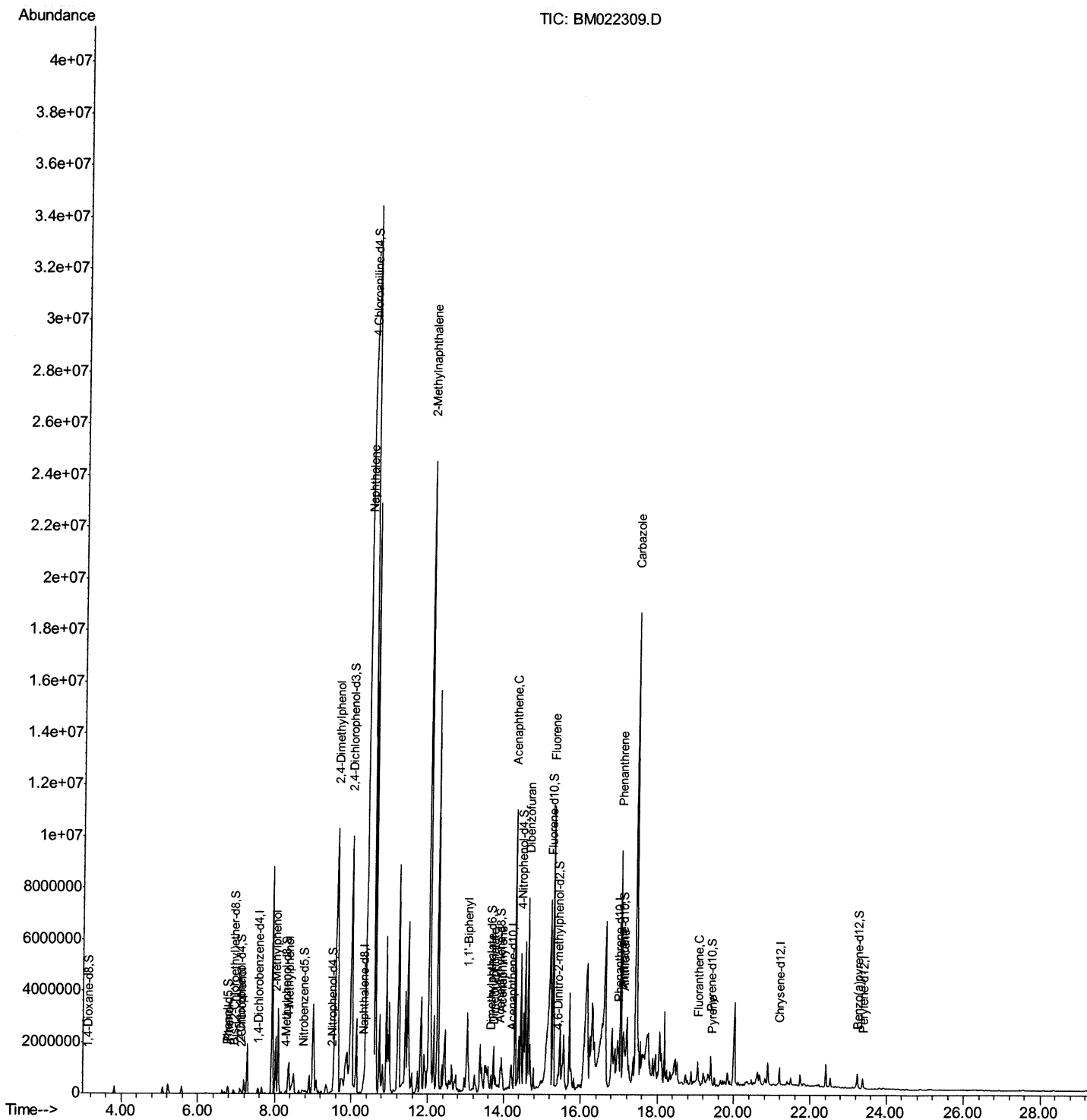
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ALS Vial : 18 Sample Multiplier: 1

Instrument :
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Manual Integrations
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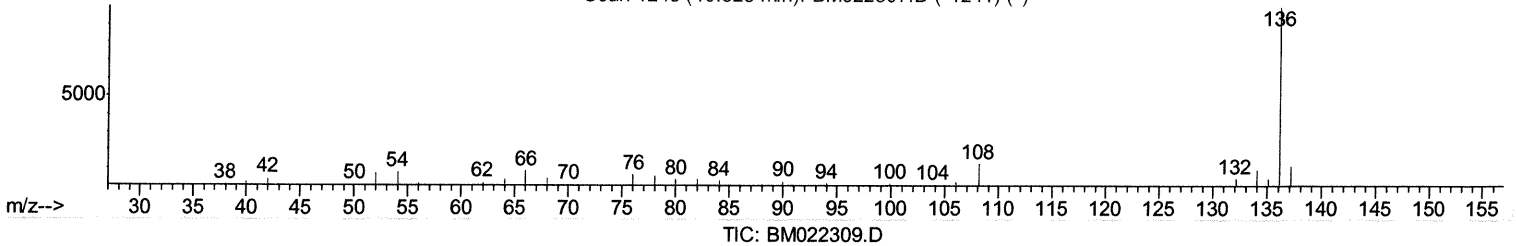
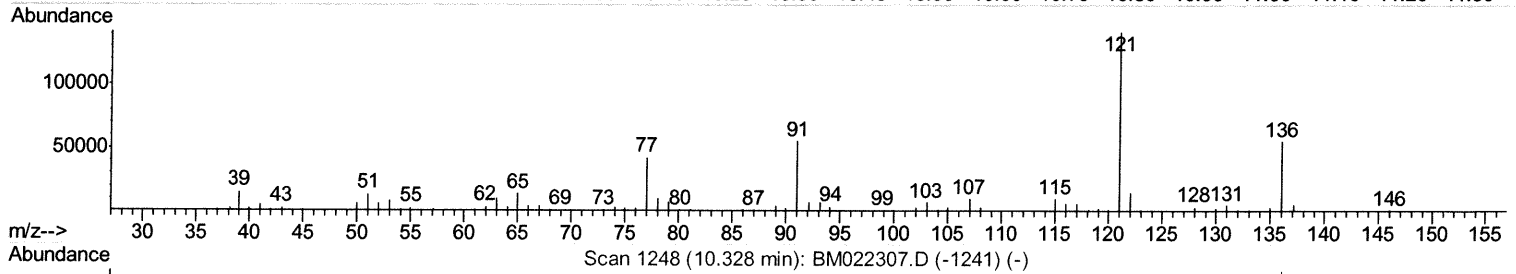
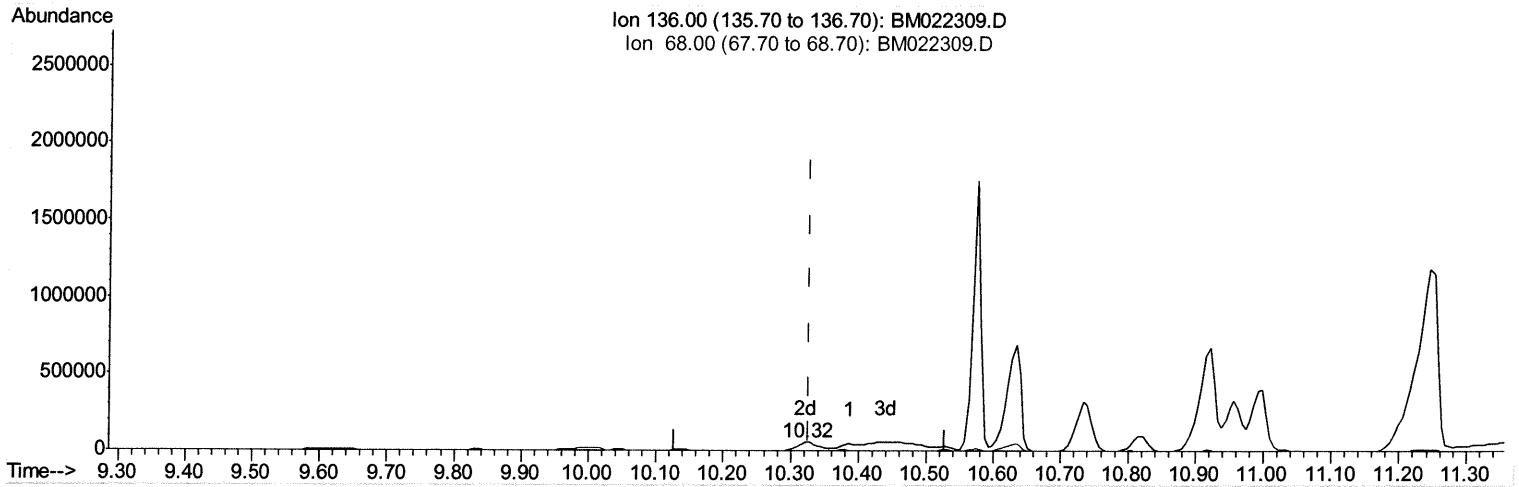
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM082319\
 Data File : BM022309.D
 Acq On : 25 Aug 2019 01:43
 Operator : HP/JU
 Sample : K4373-14
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0AD2

Manual Integrations
 APPROVED

JAGRUT
 8/27/2019 7:50:26 AM

Quant Time: Aug 26 02:11:53 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM082219MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Aug 26 01:32:10 2019
 Response via : Initial Calibration



(18) Naphthalene-d8 (I)

10.322min (-0.006) 20.00ng/ul m *JU 8/26/19*

response 116365

Ion	Exp%	Act%
136.00	100	100
68.00	5.40	1.52#
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

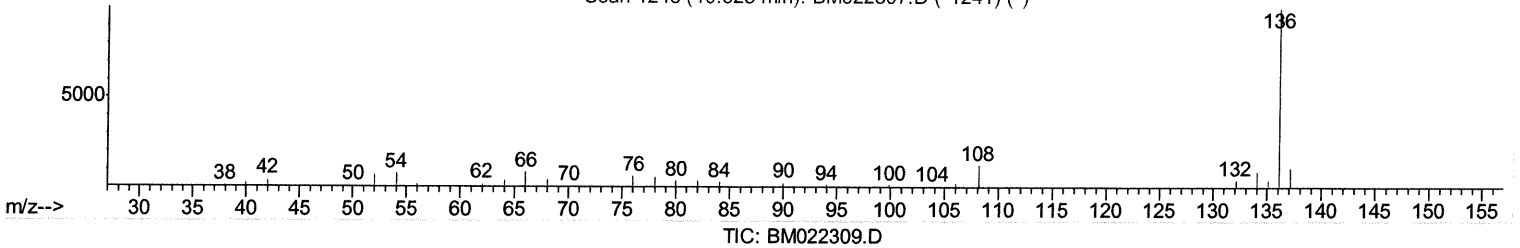
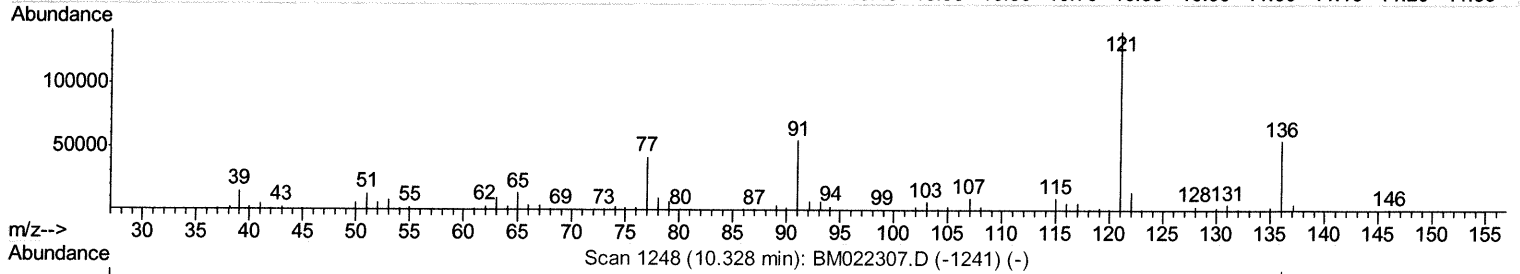
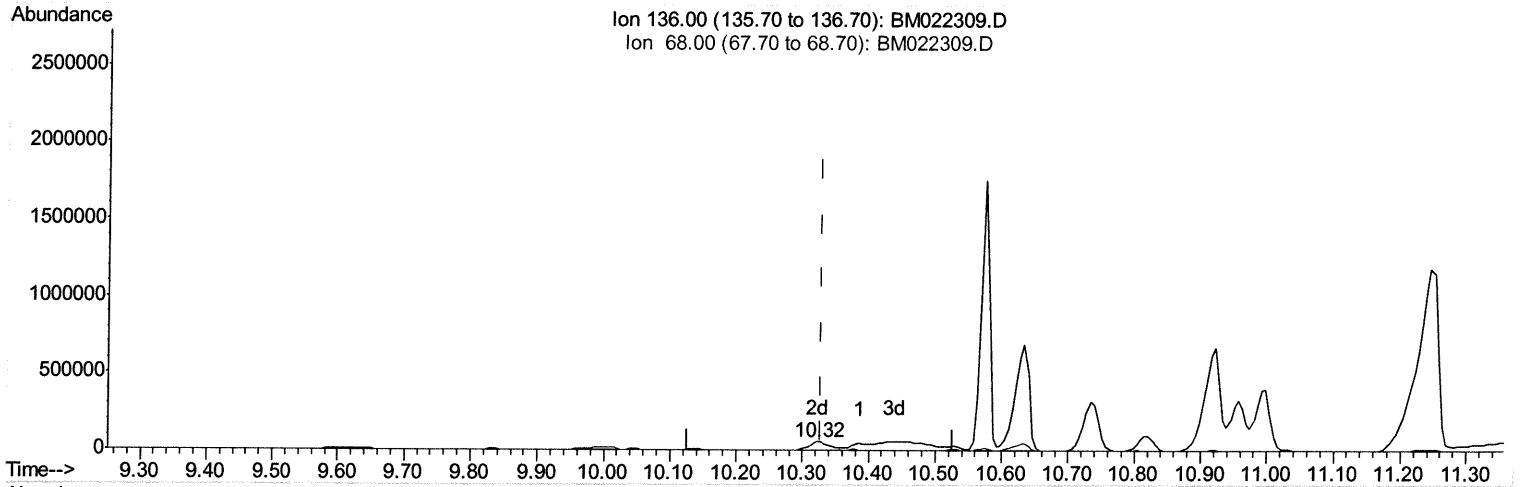
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM082319\
 Data File : BM022309.D
 Acq On : 25 Aug 2019 01:43
 Operator : HP/JU
 Sample : K4373-14
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0AD2

Manual Integrations
 APPROVED

JAGRUT
 8/27/2019 7:50:26 AM

Quant Time: Aug 26 11:47:41 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM082219MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Aug 26 01:32:10 2019
 Response via : Initial Calibration



(18) Naphthalene-d8 (I)

10.322min (-0.006) 20.00ng/ul m *JU 08/26/19*

response 121325

Ion	Exp%	Act%
136.00	100	100
68.00	5.40	1.52#
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

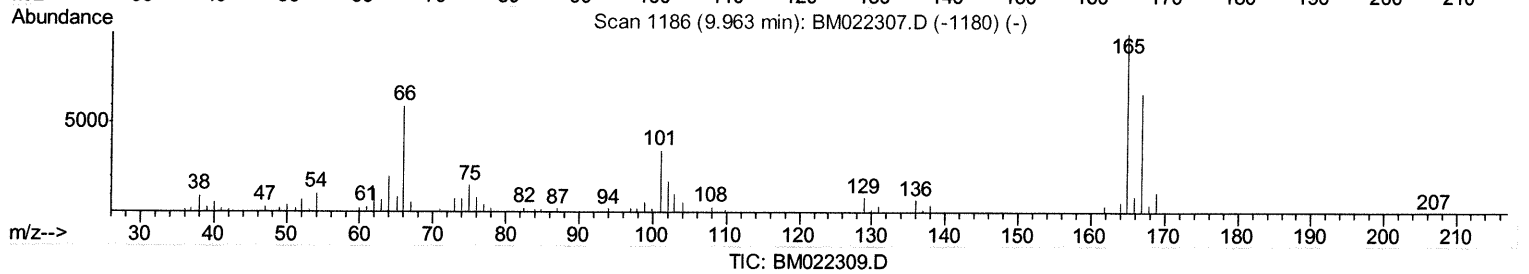
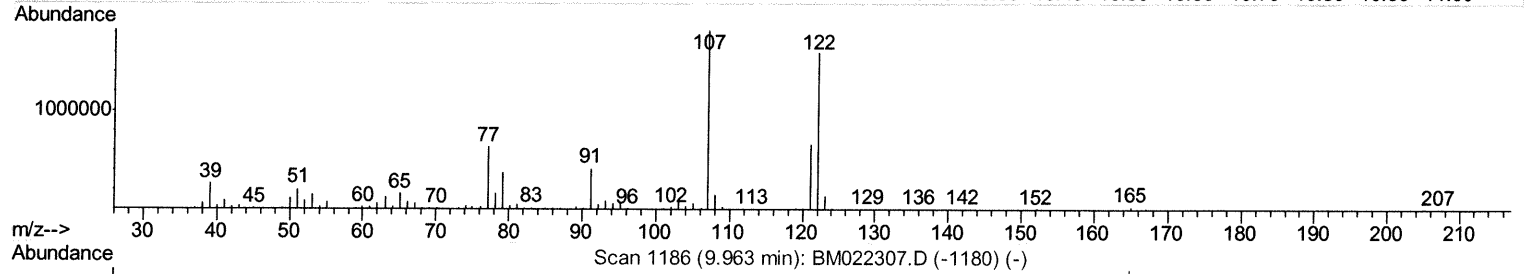
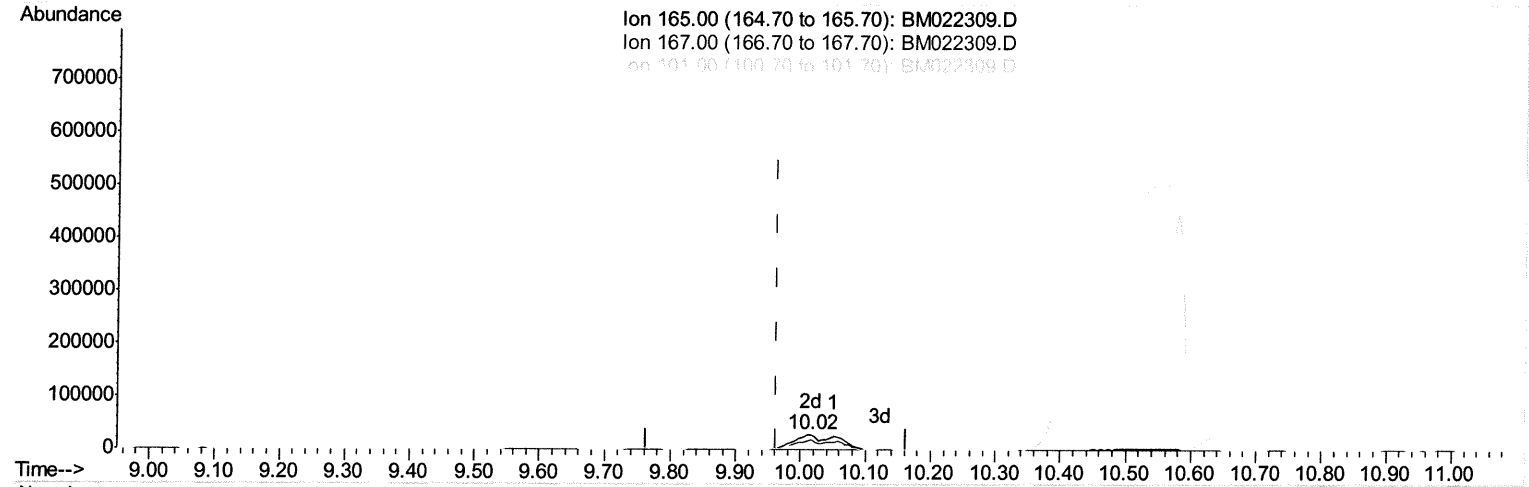
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM082319\
 Data File : BM022309.D
 Acq On : 25 Aug 2019 01:43
 Operator : HP/JU
 Sample : K4373-14
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0AD2

Manual Integrations
 APPROVED

JAGRUT
 8/27/2019 7:50:26 AM

Quant Time: Aug 26 11:48:48 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM082219MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Aug 26 01:32:10 2019
 Response via : Initial Calibration



(26) 2,4-Dichlorophenol-d3 (S)

10.016min (+0.053) 59.82ng/ul m *JU* 08/26/19

response 128223

Ion	Exp%	Act%
165.00	100	100
167.00	62.10	62.97
101.00	31.40	38.71#
0.00	0.00	0.00

Quantitation Report (Qedit)

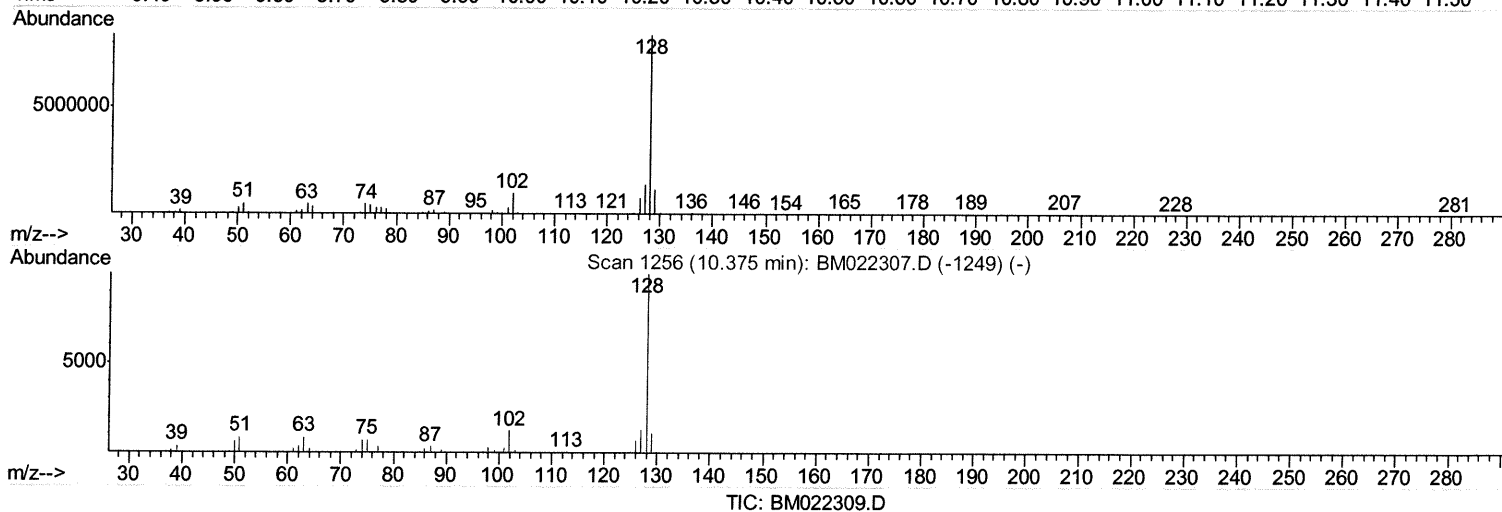
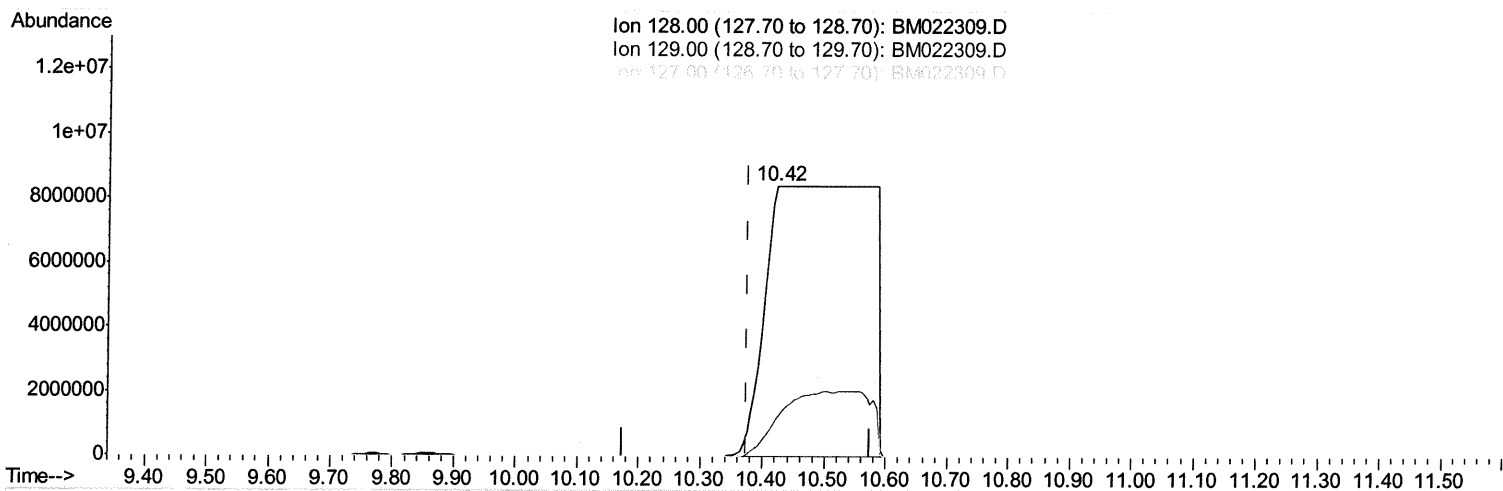
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM082319\
Data File : BM022309.D
Acq On : 25 Aug 2019 01:43
Operator : HP/JU
Sample : K4373-14
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0AD2

Manual Integrations
APPROVED

JAGRUT
8/27/2019 7:50:26 AM

Quant Time: Aug 26 11:48:48 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM082219MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Aug 26 01:32:10 2019
Response via : Initial Calibration



(28) Naphthalene

10.422min (+0.047) 14446.20ng/ul m *JU* 08/26/19

response 96724205

Ion	Exp%	Act%
128.00	100	100
129.00	10.80	13.56#
127.00	13.00	16.13#
0.00	0.00	0.00

Quantitation Report (Qedit)

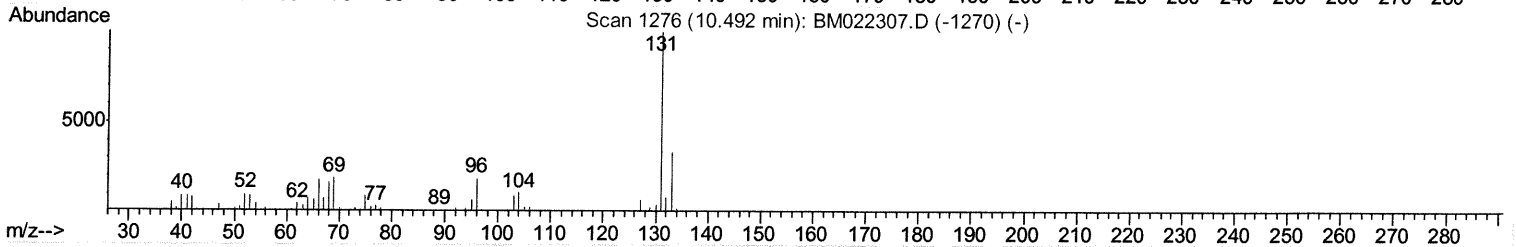
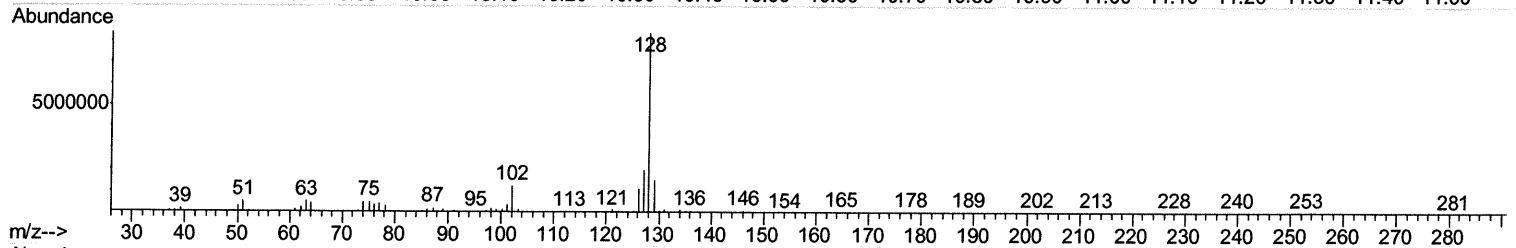
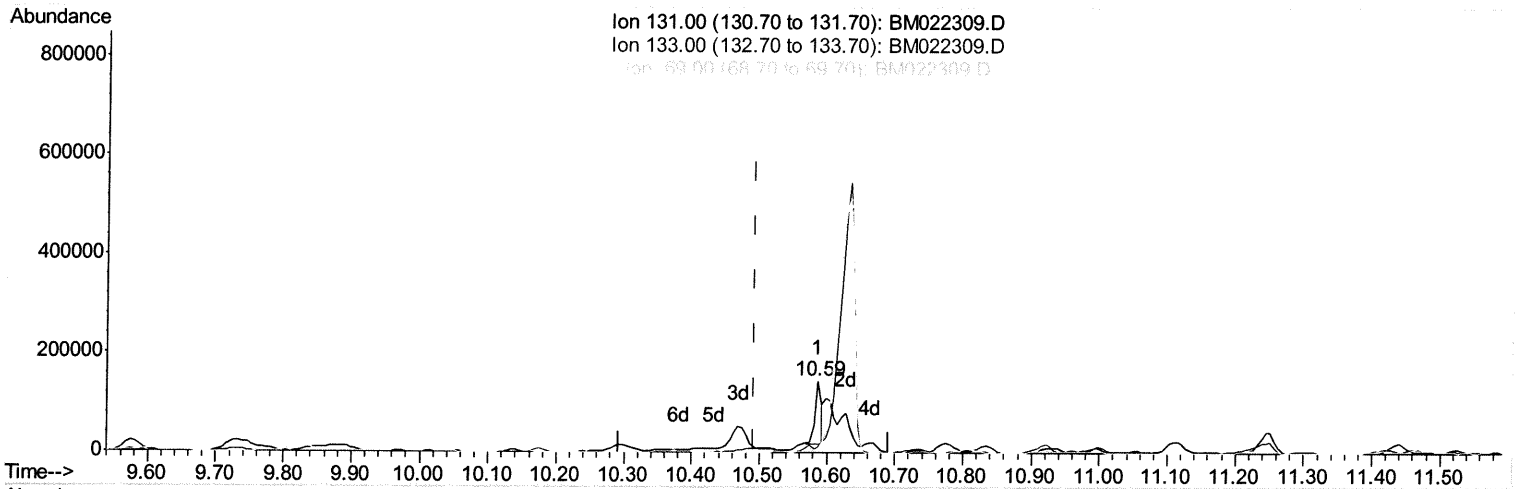
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM082319\
 Data File : BM022309.D
 Acq On : 25 Aug 2019 01:43
 Operator : HP/JU
 Sample : K4373-14
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
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Manual Integrations
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TIC: BM022309.D

(29) 4-Chloroaniline-d4 (S)

10.586min (+0.094) 32.74ng/ul m *JU 08/26/19*

response 85343

Ion	Exp%	Act%
131.00	100	100
133.00	31.60	6.66#
69.00	20.00	4.73#
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM082319\
 Data File : BM022309.D
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 Operator : HP/JU
 Sample : K4373-14
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0AD2

Manual Integrations
 APPROVED

JAGRUT
 8/27/2019 7:50:26 AM

Quant Time: Aug 26 11:49:45 2019

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM082219MA.M

Quant Title : SVOA CALIBRATION

QLast Update : Mon Aug 26 01:32:10 2019

Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.56	152	47239	20.00	ng/ul	0.00
18) Naphthalene-d8	10.32	136	121325m →	20.00	ng/ul →	0.00
35) Acenaphthene-d10	14.22	164	160360	20.00	ng/ul	0.01
61) Phenanthrene-d10	16.99	188	388742	20.00	ng/ul	0.01
77) Chrysene-d12	21.19	240	263106	20.00	ng/ul	0.01
85) Perylene-d12	23.39	264	254196	20.00	ng/ul	0.01

JU 08/26/19

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.13	96	4493m →	4.26	ng/uL →	0.00
5) Phenol-d5	6.76	99	21236	5.21	ng/ul	0.01
7) Bis-(2-Chloroethyl) ether-d	6.92	67	52963	22.33	ng/ul	0.00
9) 2-Chlorophenol-d4	7.09	132	62381	18.95	ng/ul	0.00
13) 4-Methylphenol-d8	8.29	113	42422	12.01	ng/ul	0.01
19) Nitrobenzene-d5	8.75	128	42855	47.37	ng/ul	0.03
22) 2-Nitrophenol-d4	9.49	143	48567	46.13	ng/ul	0.06
26) 2,4-Dichlorophenol-d3	10.02	165	128223m →	59.82	ng/ul →	0.05
29) 4-Chloroaniline-d4	10.59	131	85343m →	32.74	ng/ul →	0.09
43) Dimethylphthalate-d6	13.67	166	348466	24.68	ng/ul	0.04
46) Acenaphthylene-d8	13.91	160	382101	25.12	ng/ul	0.01
51) 4-Nitrophenol-d4	14.46	143	35868	17.15	ng/ul	-0.01
57) Fluorene-d10	15.22	176	546040	46.62	ng/ul	0.01
62) 4,6-Dinitro-2-methylphenol	15.42	200	26349	8.78	ng/ul	0.04
70) Anthracene-d10	17.09	188	532750	25.88	ng/ul	0.01
78) Pyrene-d10	19.39	212	507821	37.14	ng/ul	0.01
89) Benzo(a)pyrene-d12	23.24	264	362999	25.99	ng/ul	0.01

JU 08/26/19

JU 08/26/19

Target Compounds

					Qvalue
6) Phenol	6.78	94	68741	15.746	ng/ul 97
10) 2-Chlorophenol	7.13	128	15198	4.448	ng/ul 95
11) 2-Methylphenol	8.02	108	630714	183.460	ng/ul 96
16) 4-Methylphenol	8.36	108	536488	141.933	ng/ul 99
24) 2,4-Dimethylphenol	9.63	107	8916675	3287.719	ng/ul 92
28) Naphthalene	10.42	128	96724205m →	14446.199	ng/ul →
34) 2-Methylnaphthalene	12.06	142	16608061	3219.415	ng/ul 97
40) 1,1'-Biphenyl	13.04	154	1223190	93.728	ng/ul 99
44) Dimethylphthalate	13.72	163	48714	3.390	ng/ul# 94
47) Acenaphthylene	13.94	152	522509	33.127	ng/ul 99
49) Acenaphthene	14.30	153	3859409	344.640	ng/ul 99
53) Dibenzofuran	14.64	168	4299326	257.769	ng/ul 89
58) Fluorene	15.29	166	3320398	236.359	ng/ul 98
69) Phenanthrene	17.04	178	4195342	180.396	ng/ul 99
71) Anthracene	17.12	178	545849	22.555	ng/ul 98
74) Carbazole	17.44	167	11615423	531.384	ng/ul 97
76) Fluoranthene	19.05	202	259228	7.397	ng/ul 99
79) Pyrene	19.42	202	140195	8.232	ng/ul 98

JU 08/26/19

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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