

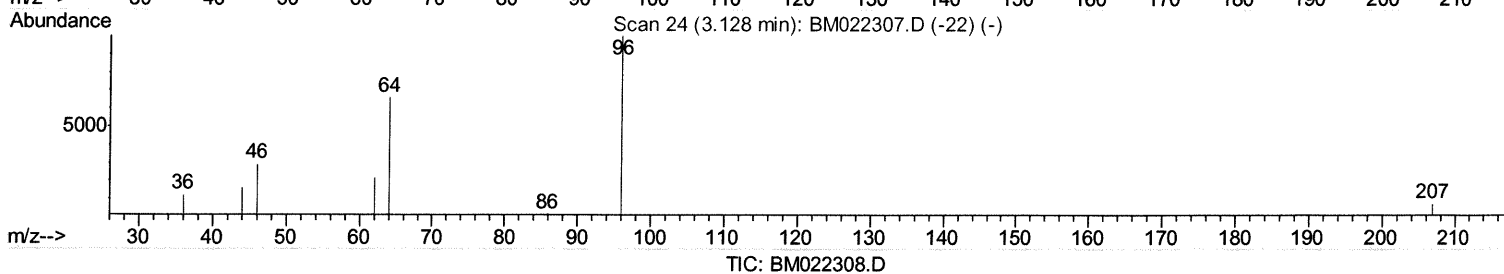
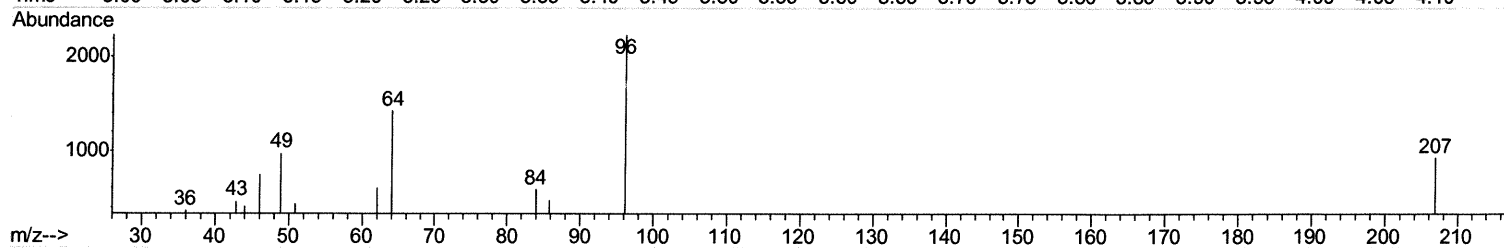
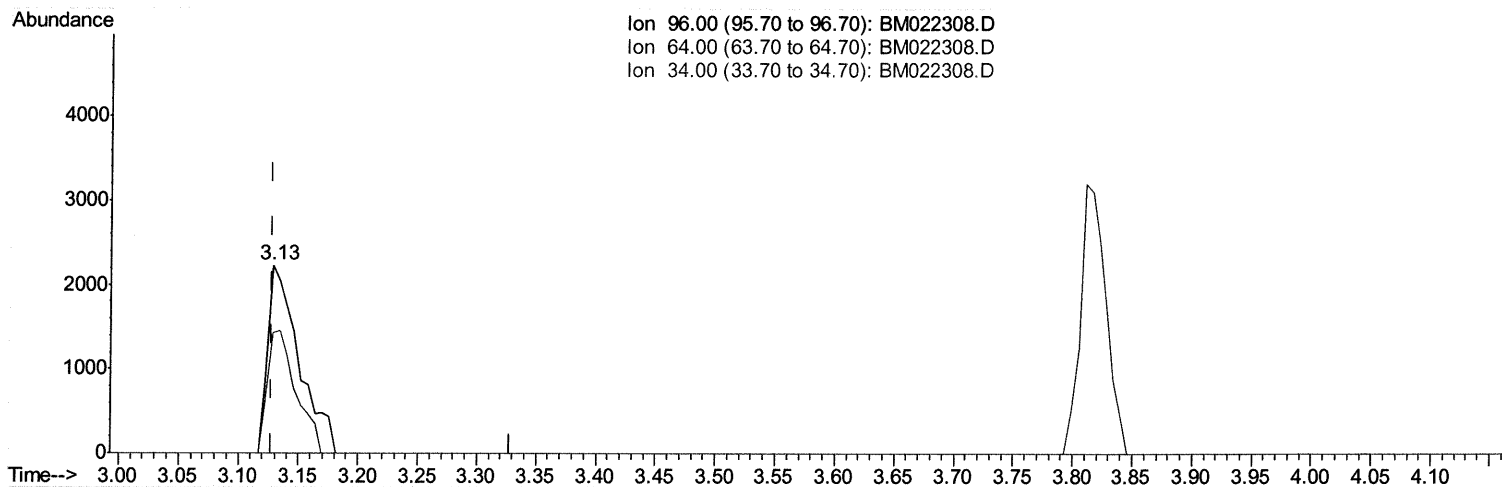
Data File : BM022308.D
Acq On : 25 Aug 2019 01:05
Operator : HP/JU
Sample : K4373-11
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0AB2

Manual Integrations
APPROVED

JAGRUT
8/27/2019 7:50:24 AM

Quant Time: Aug 26 01:35:13 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: BM022308.D

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

3.128min (+0.000) 4.08ng/uL

response 3677

Ion	Exp%	Act%
96.00	100	100
64.00	64.80	63.64
34.00	0.00	0.00
0.00	0.00	0.00

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

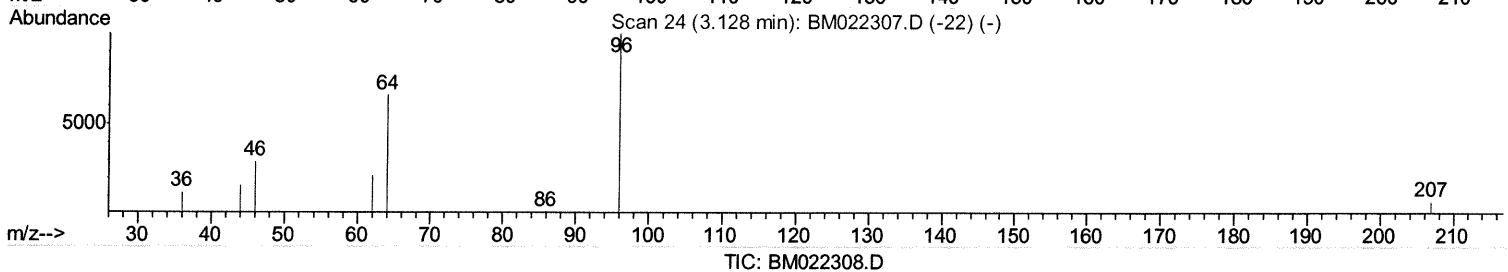
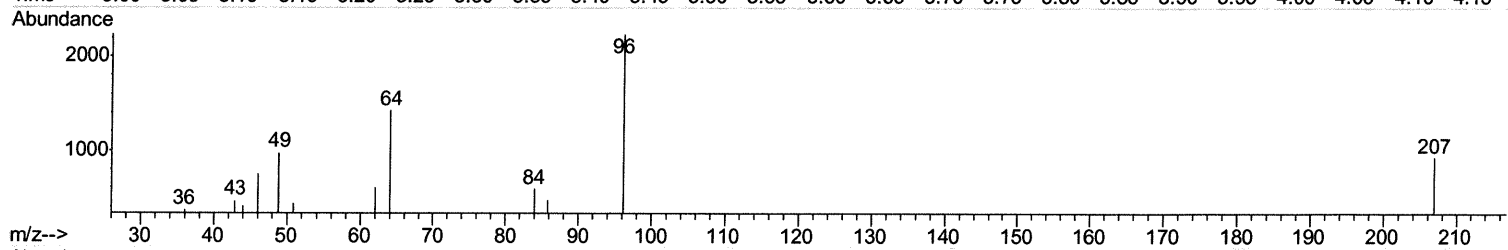
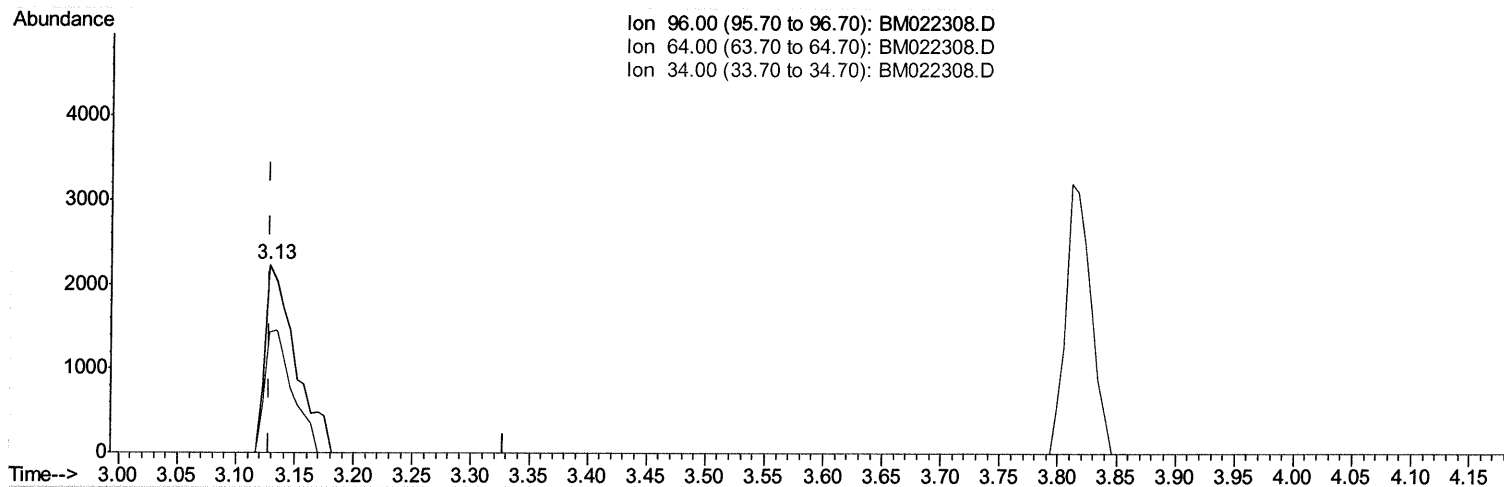
Data File : BM022308.D
Acq On : 25 Aug 2019 01:05
Operator : HP/JU
Sample : K4373-11
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0AB2

Manual Integrations
APPROVED

JAGRUT
8/27/2019 7:50:24 AM

Quant Time: Aug 26 01:35:13 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



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

3.128min (+0.000) 4.43ng/uL m *JU* *08/26/19*

response 4000

Ion	Exp%	Act%
96.00	100	100
64.00	64.80	63.64
34.00	0.00	0.00
0.00	0.00	0.00

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

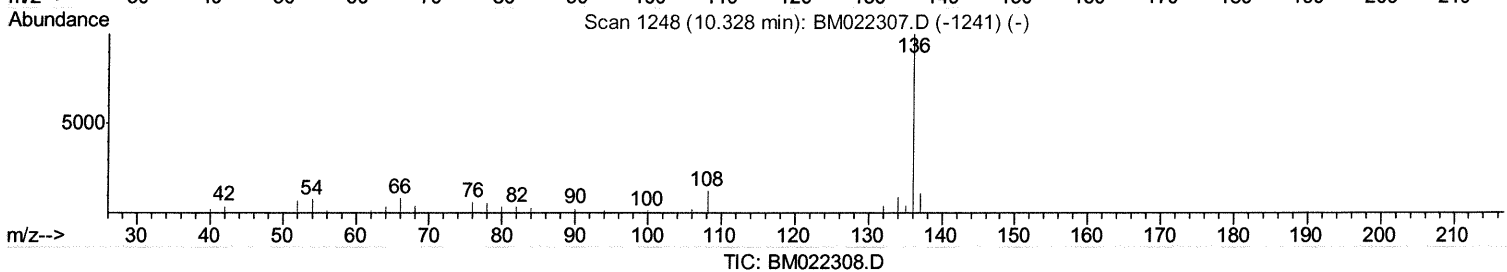
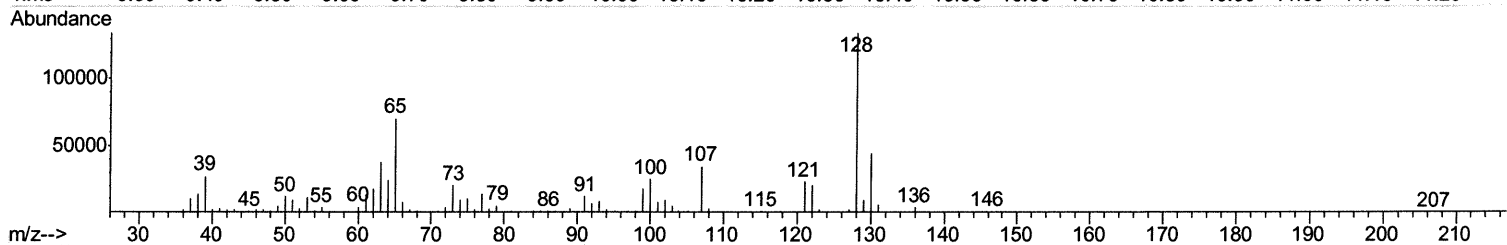
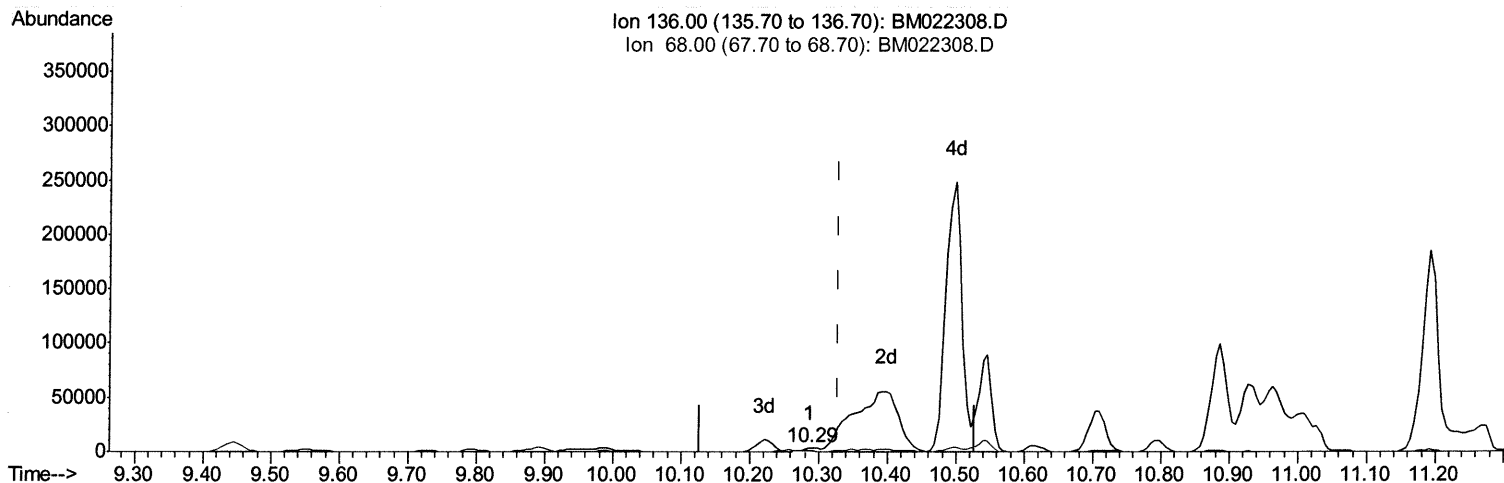
Data File : BM022308.D
Acq On : 25 Aug 2019 01:05
Operator : HP/JU
Sample : K4373-11
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0AB2

Manual Integrations
APPROVED

JAGRUT
8/27/2019 7:50:24 AM

Quant Time: Aug 26 01:35:13 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)

10.287min (-0.041) 20.00ng/ul

response 5631

Ion	Exp%	Act%
136.00	100	100
68.00	5.40	31.20#
0.00	0.00	0.00
0.00	0.00	0.00

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

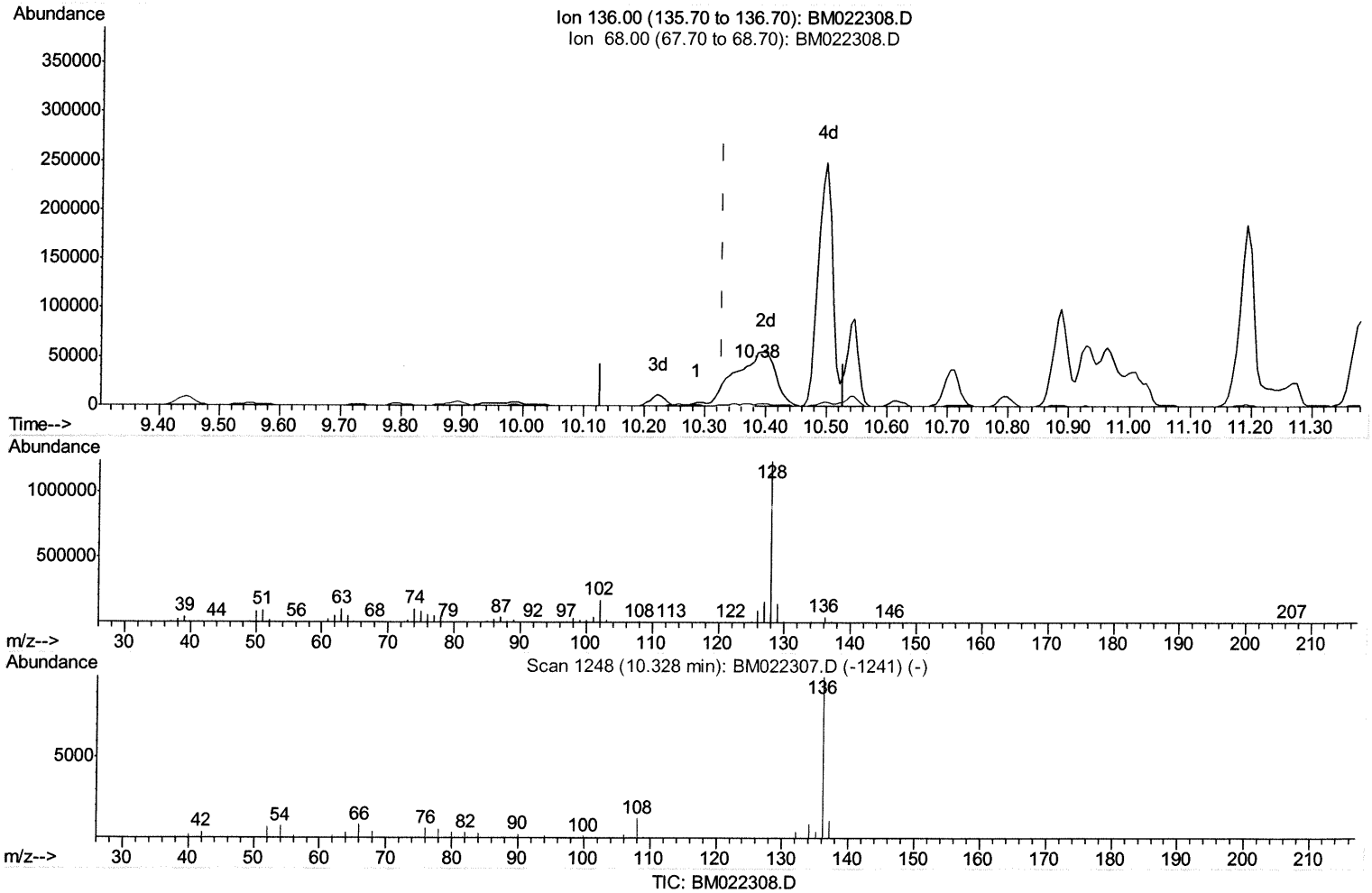
Data File : BM022308.D
Acq On : 25 Aug 2019 01:05
Operator : HP/JU
Sample : K4373-11
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0AB2

Manual Integrations
APPROVED

JAGRUT
8/27/2019 7:50:24 AM

Quant Time: Aug 26 02:36:39 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)

10.381min (+0.053) 20.00ng/ul m *JU* 08/26/19

response 132268

Ion	Exp%	Act%
136.00	100	100
68.00	5.40	3.72#
0.00	0.00	0.00
0.00	0.00	0.00

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

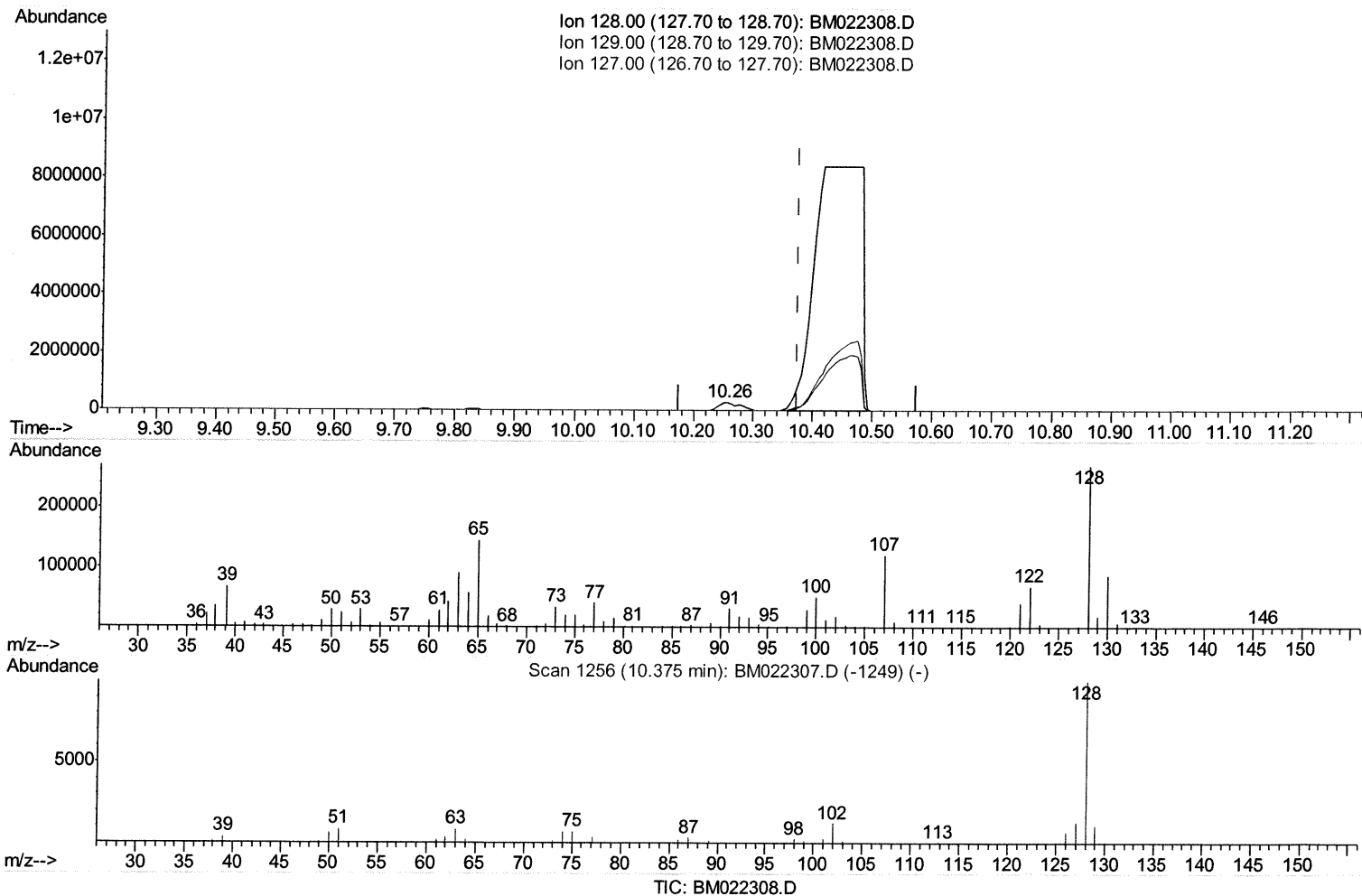
Data File : BM022308.D
Acq On : 25 Aug 2019 01:05
Operator : HP/JU
Sample : K4373-11
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0AB2

Manual Integrations
APPROVED

JAGRUT
8/27/2019 7:50:24 AM

Quant Time: Aug 26 01:46:33 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



(28) Naphthalene

10.257min (-0.118) 32.12ng/ul

response 450020

Ion	Exp%	Act%
128.00	100	100
129.00	10.80	6.80#
127.00	13.00	0.91#
0.00	0.00	0.00

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

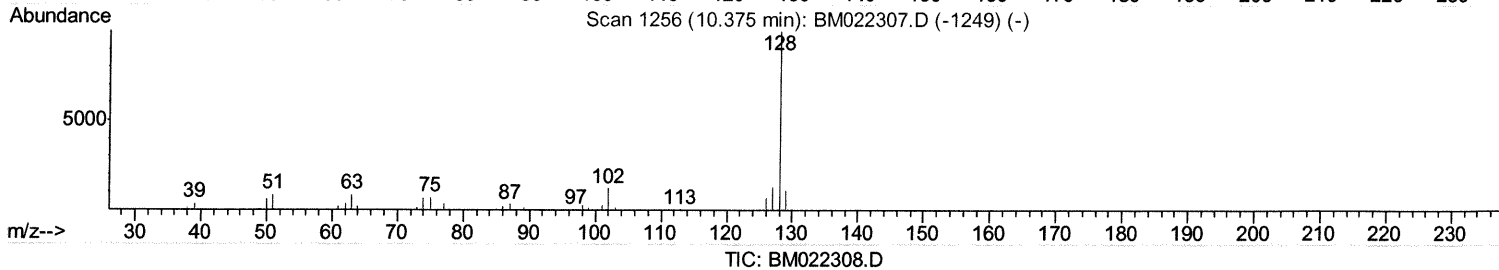
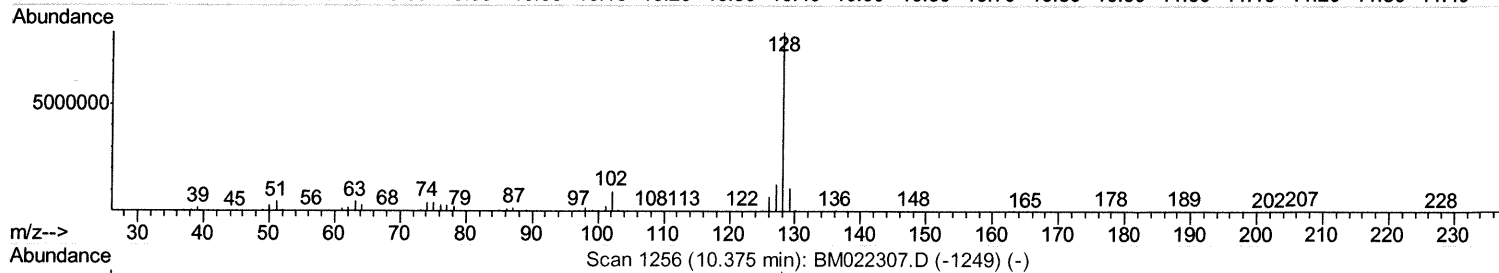
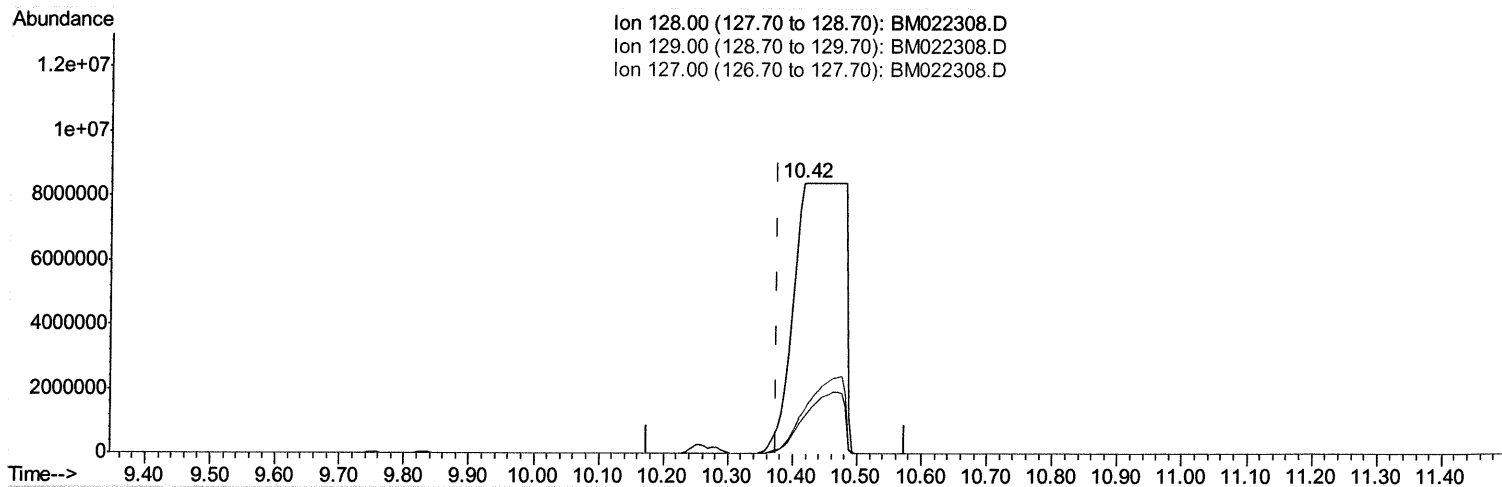
Data File : BM022308.D
Acq On : 25 Aug 2019 01:05
Operator : HP/JU
Sample : K4373-11
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0AB2

Manual Integrations
APPROVED

JAGRUT
8/27/2019 7:50:24 AM

Quant Time: Aug 26 01:46:33 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



(28) Naphthalene

10.416min (+0.041) 3216.41ng/ul m 50/26/11

response 45061709

Ion	Exp%	Act%
128.00	100	100
129.00	10.80	12.79
127.00	13.00	15.24
0.00	0.00	0.00

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

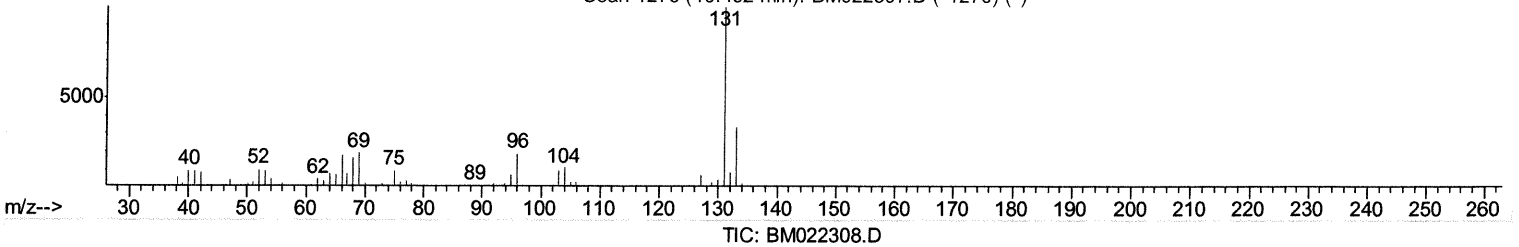
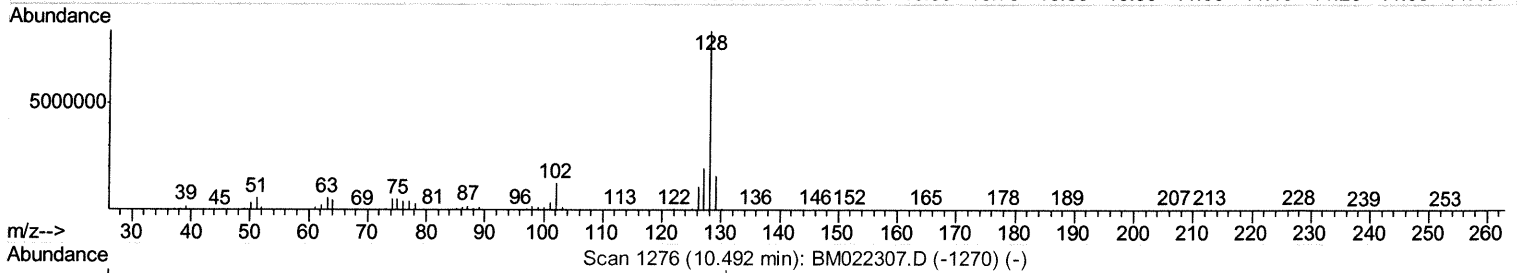
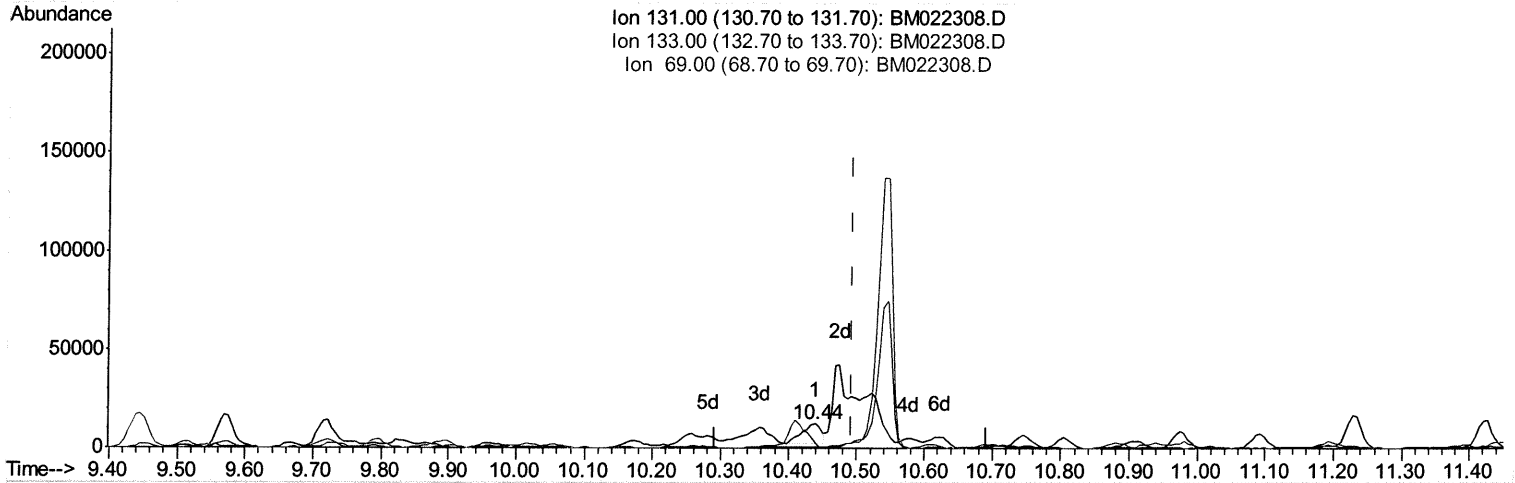
Data File : BM022308.D
Acq On : 25 Aug 2019 01:05
Operator : HP/JU
Sample : K4373-11
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0AB2

Manual Integrations
APPROVED

JAGRUT
8/27/2019 7:50:24 AM

Quant Time: Aug 26 01:46:33 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



(29) 4-Chloroaniline-d4 (S)

10.439min (-0.053) 3.57ng/ul

response 19465

Ion	Exp%	Act%
131.00	100	100
133.00	31.60	22.68#
69.00	20.00	4.03#
0.00	0.00	0.00

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

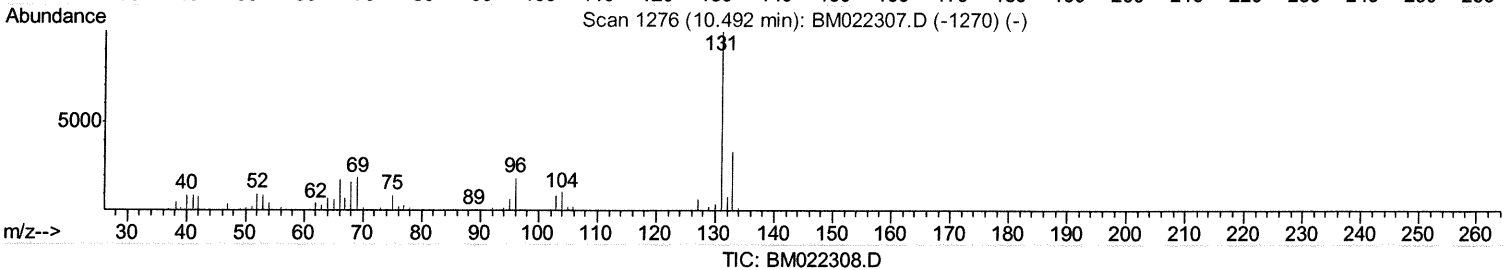
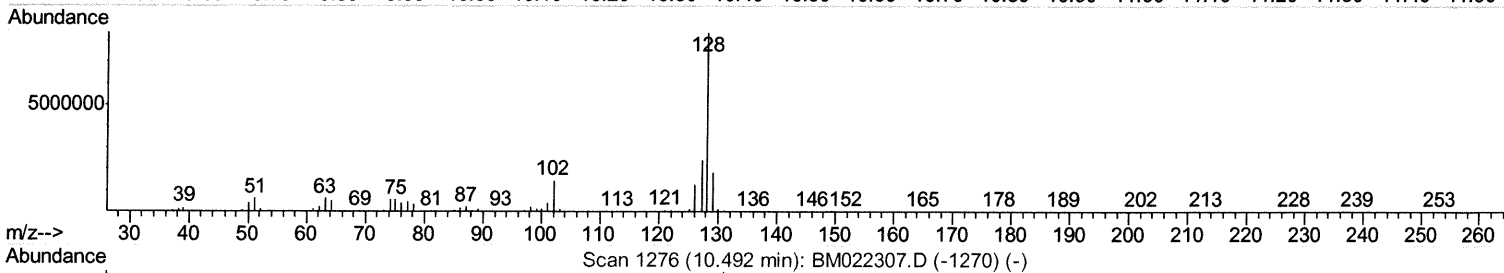
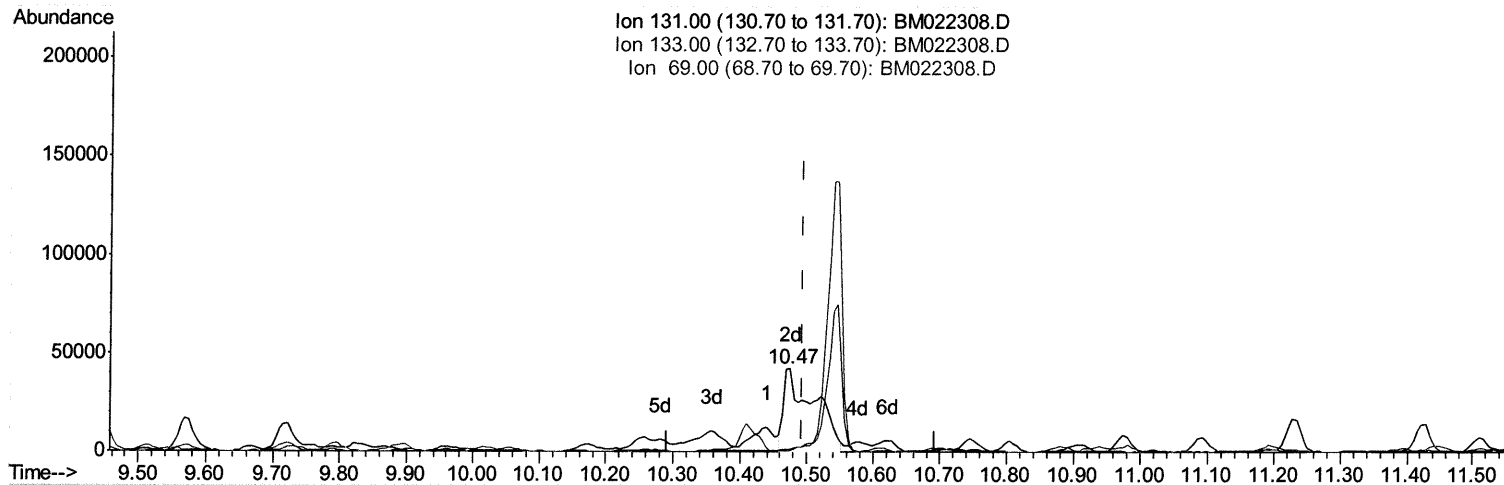
Data File : BM022308.D
Acq On : 25 Aug 2019 01:05
Operator : HP/JU
Sample : K4373-11
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0AB2

Manual Integrations
APPROVED

JAGRUT
8/27/2019 7:50:24 AM

Quant Time: Aug 26 01:46:33 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



(29) 4-Chloroaniline-d4 (S)

10.475min (-0.018) 24.53ng/ul m *JU 08/26/19*

response 133783

Ion	Exp%	Act%
131.00	100	100
133.00	31.60	3.46#
69.00	20.00	1.84#
0.00	0.00	0.00

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

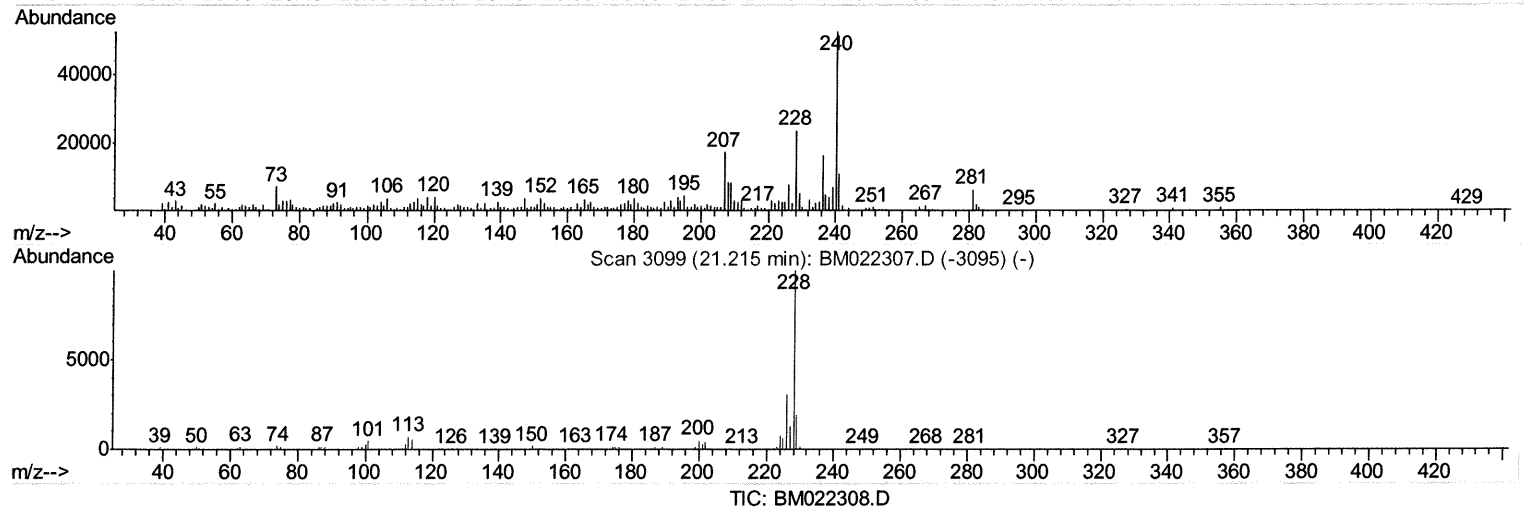
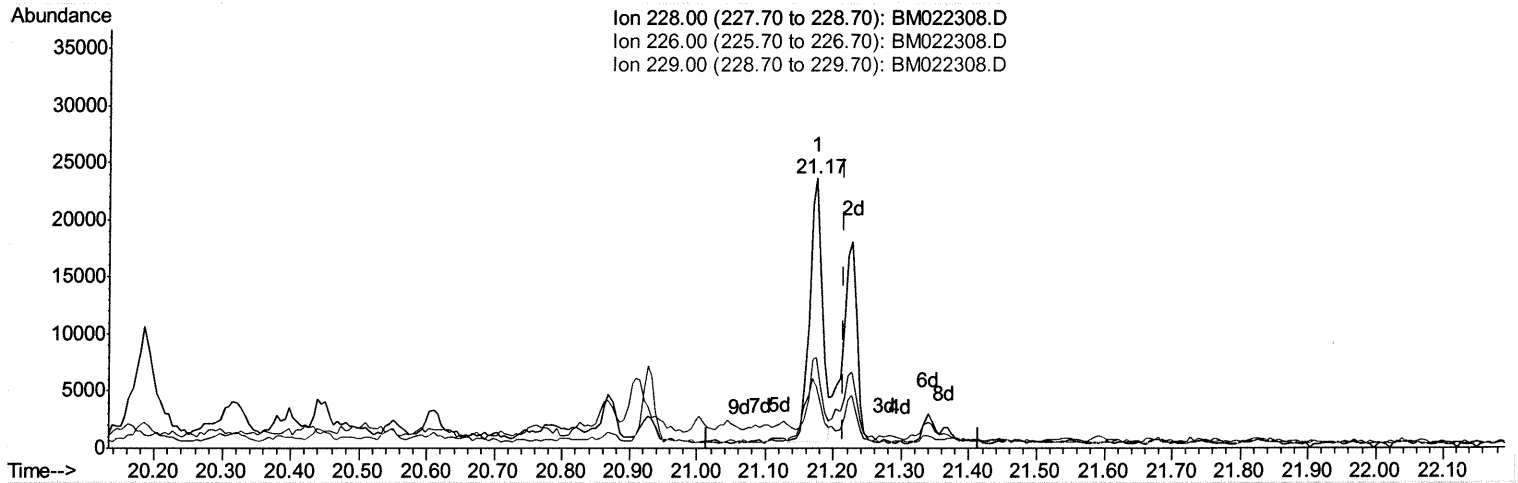
Data File : BM022308.D
Acq On : 25 Aug 2019 01:05
Operator : HP/JU
Sample : K4373-11
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0AB2

Manual Integrations
APPROVED

JAGRUT
8/27/2019 7:50:24 AM

Quant Time: Aug 26 01:48:23 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



(84) Chrysene

21.174min (-0.041) 1.46ng/ul

response 30382

Ion	Exp%	Act%
228.00	100	100
226.00	30.90	33.61
229.00	19.60	23.00
0.00	0.00	0.00

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

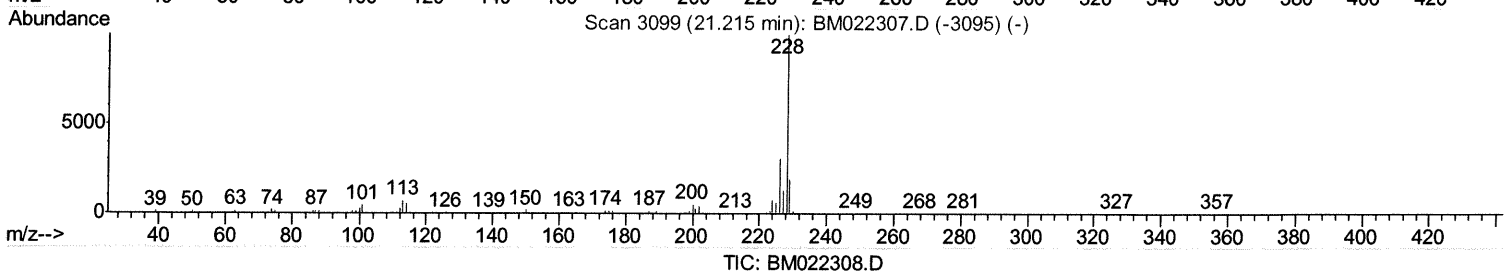
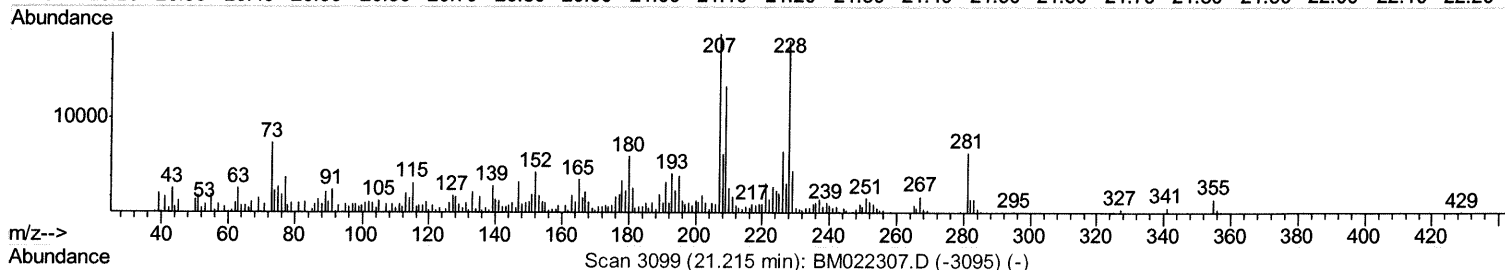
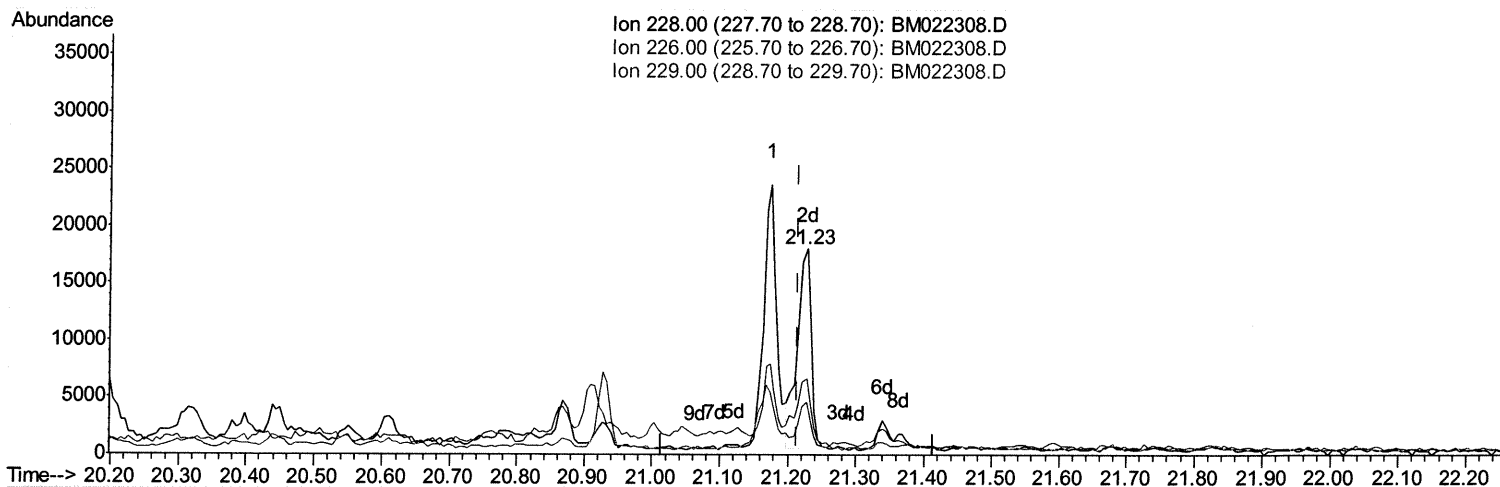
Data File : BM022308.D
Acq On : 25 Aug 2019 01:05
Operator : HP/JU
Sample : K4373-11
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleID :
C0AB2

Manual Integrations
APPROVED

JAGRUT
8/27/2019 7:50:24 AM

Quant Time: Aug 26 01:48:23 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



(84) Chrysene

21.227min (+0.012) 1.18ng/ul m *JU 08/26/19*

response 24563

Ion	Exp%	Act%
228.00	100	100
226.00	30.90	36.92
229.00	19.60	25.81#
0.00	0.00	0.00

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

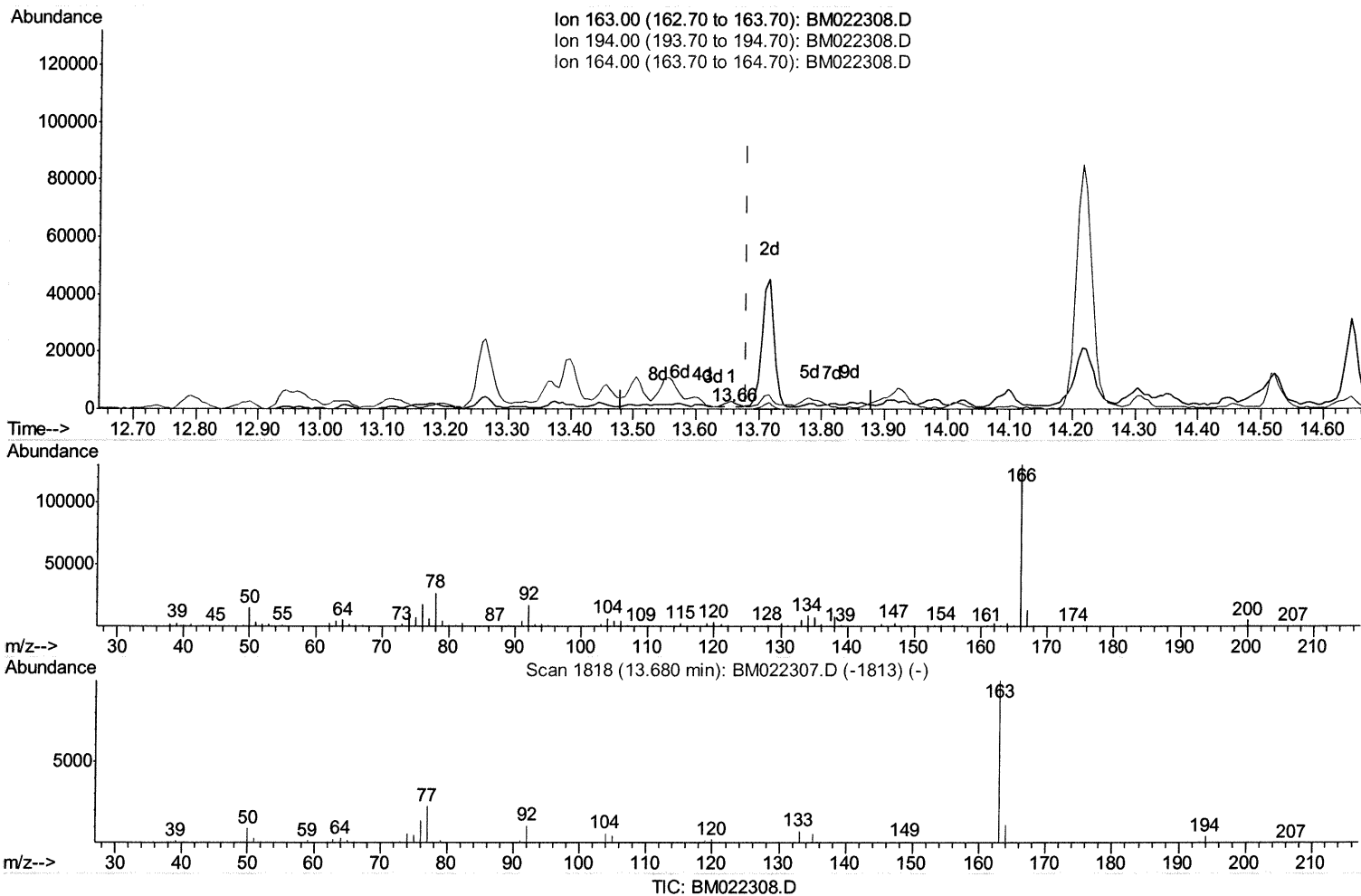
Data File : BM022308.D
Acq On : 25 Aug 2019 01:05
Operator : HP/JU
Sample : K4373-11
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0AB2

Manual Integrations
APPROVED

JAGRUT
8/27/2019 7:50:24 AM

Quant Time: Aug 26 01:53:29 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



(44) Dimethylphthalate

13.657min (-0.023) 0.01ng/ul

response 173

Ion	Exp%	Act%
163.00	100	100
194.00	3.80	0.00#
164.00	9.80	305.79#
0.00	0.00	0.00

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

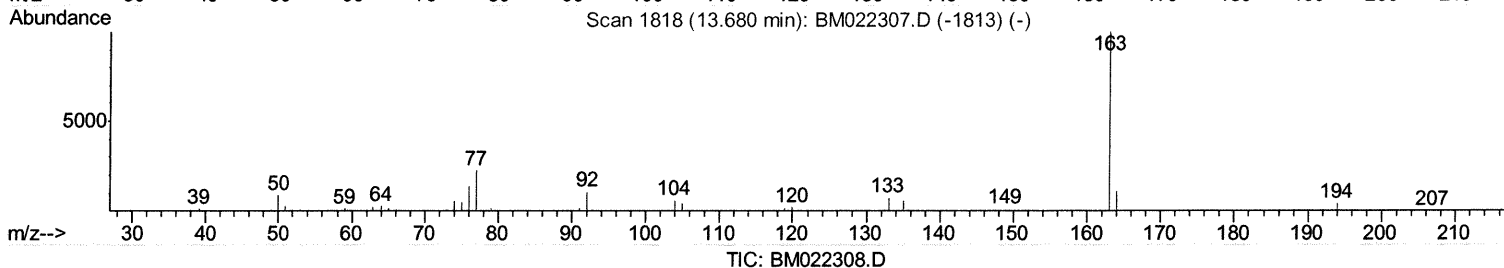
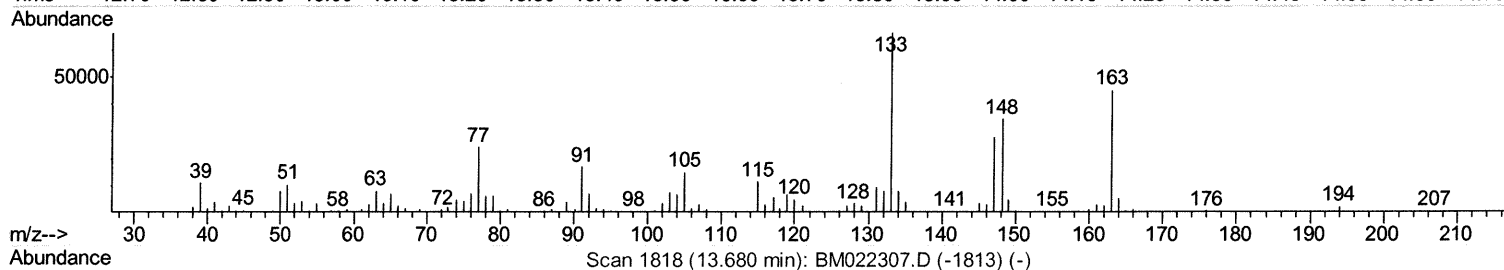
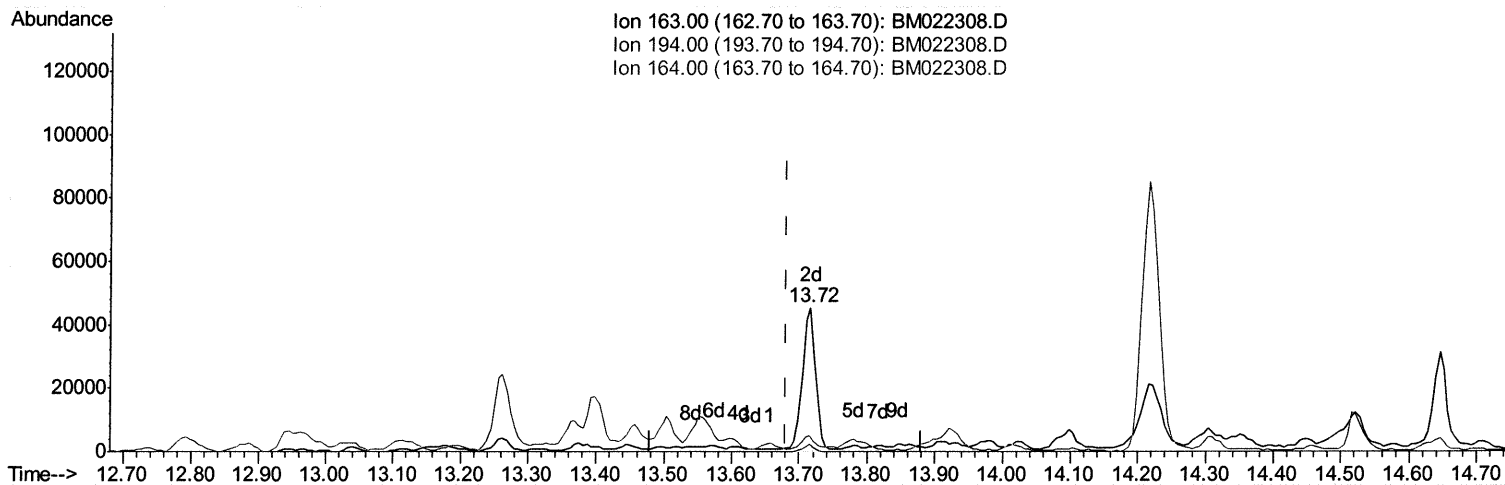
Data File : BM022308.D
Acq On : 25 Aug 2019 01:05
Operator : HP/JU
Sample : K4373-11
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0AB2

Manual Integrations
APPROVED

JAGRUT
8/27/2019 7:50:24 AM

Quant Time: Aug 26 01:53:29 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



(44) Dimethylphthalate

13.716min (+0.035) 4.56ng/ul m *JU 8/26/19*

response 62420

Ion	Exp%	Act%
163.00	100	100
194.00	3.80	4.74#
164.00	9.80	11.46
0.00	0.00	0.00

Quantitation Report (Qedit)

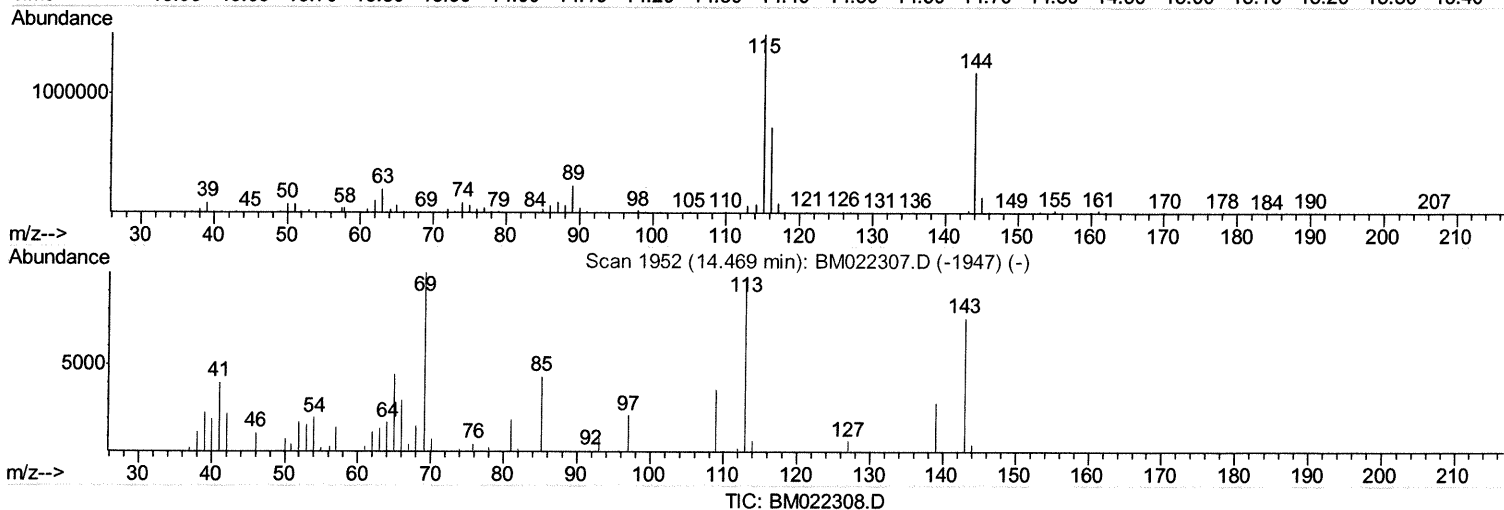
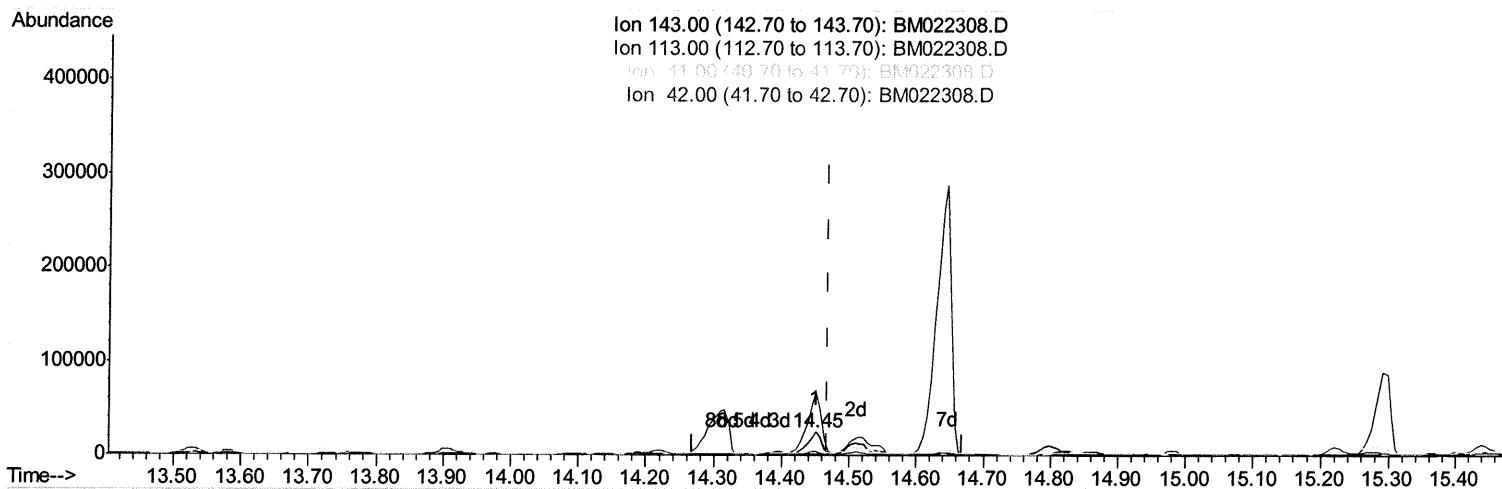
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM082319\
 Data File : BM022308.D
 Acq On : 25 Aug 2019 01:05
 Operator : HP/JU
 Sample : K4373-11
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0AB2

Manual Integrations
 APPROVED

JAGRUT
 8/27/2019 7:50:24 AM

Quant Time: Aug 26 04:35:31 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



(51) 4-Nitrophenol-d4 (S)

14.451min (-0.018) 16.16ng/ul

response 32207

Ion	Exp%	Act%
143.00	100	100
113.00	116.00	268.23#
41.00	50.80	25.90#
42.00	27.00	15.59#

Quantitation Report (Qedit)

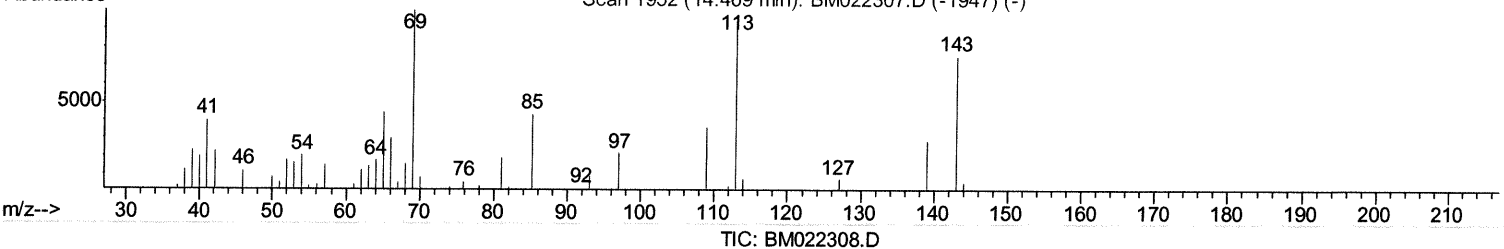
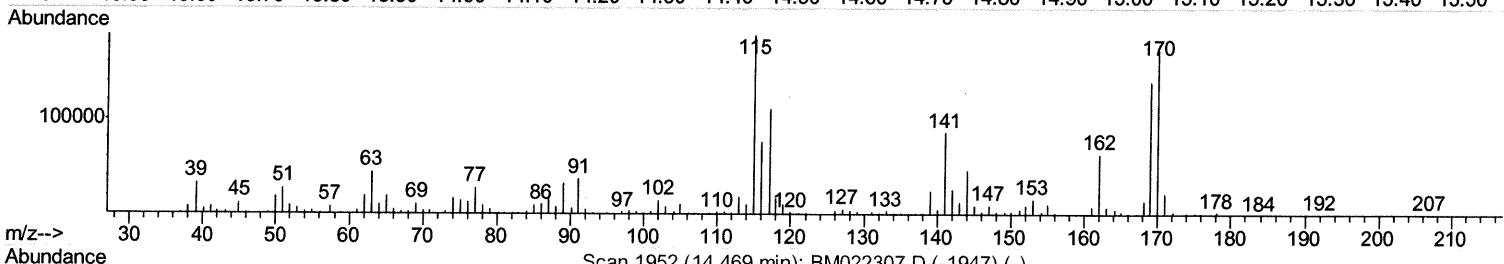
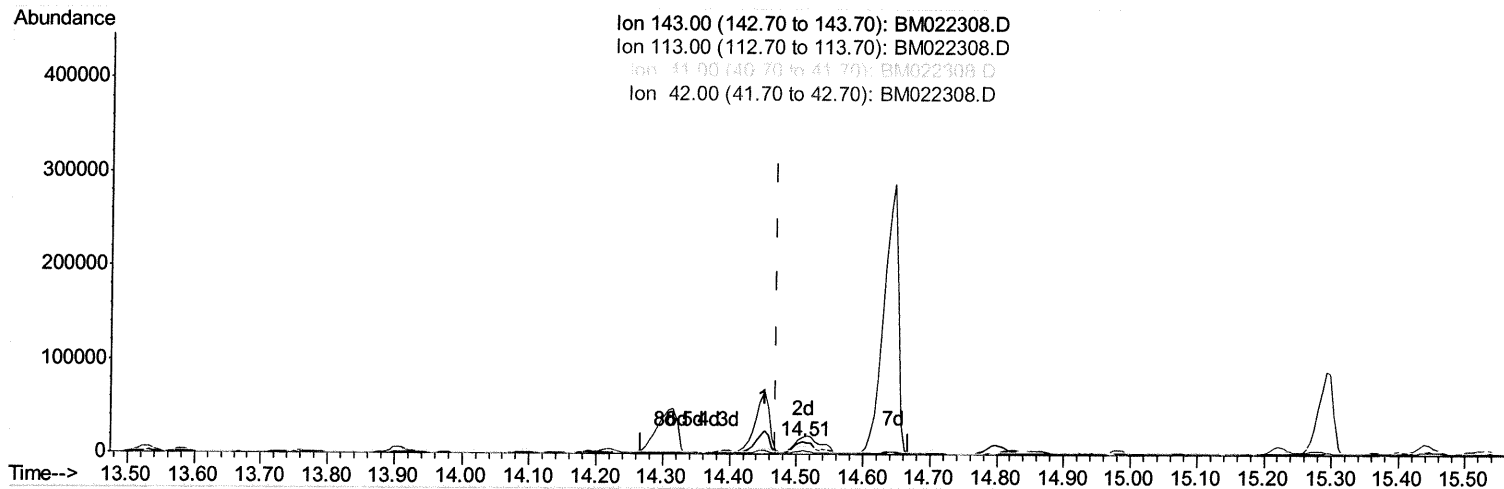
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM082319\
 Data File : BM022308.D
 Acq On : 25 Aug 2019 01:05
 Operator : HP/JU
 Sample : K4373-11
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0AB2

Manual Integrations
 APPROVED

JAGRUT
 8/27/2019 7:50:24 AM

Quant Time: Aug 26 04:35:31 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



(51) 4-Nitrophenol-d4 (S)

14.510min (+0.041) 17.09ng/ul m *JU 8/26/19*

response 34053

Ion	Exp%	Act%
143.00	100	100
113.00	116.00	142.92#
41.00	50.80	62.09#
42.00	27.00	25.89

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM082319\
 Data File : BM022308.D
 Acq On : 25 Aug 2019 01:05
 Operator : HP/JU
 Sample : K4373-11
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0AB2

Manual Integrations
 APPROVED

JAGRUT
 8/27/2019 7:50:24 AM

Quant Time: Aug 26 11:30:22 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	40367	20.00	ng/ul	0.00
18) Naphthalene-d8	10.38	136	132268m →	20.00	ng/ul >	0.05
35) Acenaphthene-d10	14.22	164	152736	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.99	188	419263	20.00	ng/ul	0.01
77) Chrysene-d12	21.19	240	295119	20.00	ng/ul	0.00
85) Perylene-d12	23.38	264	257115	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.13	96	4000m →	4.43	ng/uL >	0.00
5) Phenol-d5	6.75	99	19466	5.59	ng/ul	0.00
7) Bis-(2-Chloroethyl) ether-d	6.92	67	56101	27.68	ng/ul	0.00
9) 2-Chlorophenol-d4	7.09	132	63905	22.72	ng/ul	0.00
13) 4-Methylphenol-d8	8.27	113	40375	13.37	ng/ul	0.00
19) Nitrobenzene-d5	8.73	128	45523	46.16	ng/ul	0.00
22) 2-Nitrophenol-d4	9.45	143	50954	44.39	ng/ul	0.01
26) 2,4-Dichlorophenol-d3	9.99	165	92801	39.72	ng/ul	0.02
29) 4-Chloroaniline-d4	10.47	131	133783m →	47.07	ng/ul >	-0.02
43) Dimethylphthalate-d6	13.67	166	358673	26.67	ng/ul	0.04
46) Acenaphthylene-d8	13.90	160	396828	27.39	ng/ul	0.00
51) 4-Nitrophenol-d4	14.51	143	34053m →	17.09	ng/ul >	0.04
57) Fluorene-d10	15.22	176	331259	29.70	ng/ul	0.01
62) 4,6-Dinitro-2-methylphenol	15.41	200	28945	8.95	ng/ul	0.03
70) Anthracene-d10	17.09	188	928483	41.82	ng/ul	0.01
78) Pyrene-d10	19.39	212	664560	43.33	ng/ul	0.01
89) Benzo(a)pyrene-d12	23.24	264	433545	30.69	ng/ul	0.01

Target Compounds

					Qvalue	
6) Phenol	6.78	94	15348	4.114	ng/ul#	64
10) 2-Chlorophenol	7.13	128	14926	5.112	ng/ul	94
11) 2-Methylphenol	8.01	108	242077	82.402	ng/ul	96
14) Acetophenone	8.42	105	14267	2.733	ng/ul#	92
16) 4-Methylphenol	8.34	108	81055	25.094	ng/ul	95
24) 2,4-Dimethylphenol	9.55	107	1128834	381.784	ng/ul	99
27) 2,4-Dichlorophenol	10.05	162	41838	17.672	ng/ul#	92
28) Naphthalene	10.42	128	45061709m →	173.360	ng/ul >	96
34) 2-Methylnaphthalene	12.02	142	2072781	368.559	ng/ul	96
40) 1,1'-Biphenyl	13.04	154	1150729	92.577	ng/ul	99
44) Dimethylphthalate	13.72	163	62420m →	4.561	ng/ul >	71
47) Acenaphthylene	13.93	152	57066	3.799	ng/ul#	97
49) Acenaphthene	14.32	153	12636785	1184.774	ng/ul	87
53) Dibenzofuran	14.65	168	8329326	524.318	ng/ul	99
58) Fluorene	15.30	166	6403945	478.612	ng/ul	96
68) Pentachlorophenol	16.65	266	80757	19.991	ng/ul	96
69) Phenanthrene	17.04	178	10006101	398.931	ng/ul	98
71) Anthracene	17.12	178	504872	19.343	ng/ul	97
74) Carbazole	17.43	167	8656206	367.177	ng/ul	98
76) Fluoranthene	19.06	202	753035	19.923	ng/ul	97
79) Pyrene	19.42	202	426129	22.308	ng/ul	90
82) Benzo(a)anthracene	21.17	228	30156	1.358	ng/ul#	90
84) Chrysene	21.23	228	24563m →	1.183	ng/ul >	90

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM082319\
Data File : BM022308.D
Acq On : 25 Aug 2019 01:05
Operator : HP/JU
Sample : K4373-11
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0AB2

Manual Integrations
APPROVED

JAGRUT
8/27/2019 7:50:24 AM

Quant Time: Aug 26 11:30:22 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)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM082319\
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