

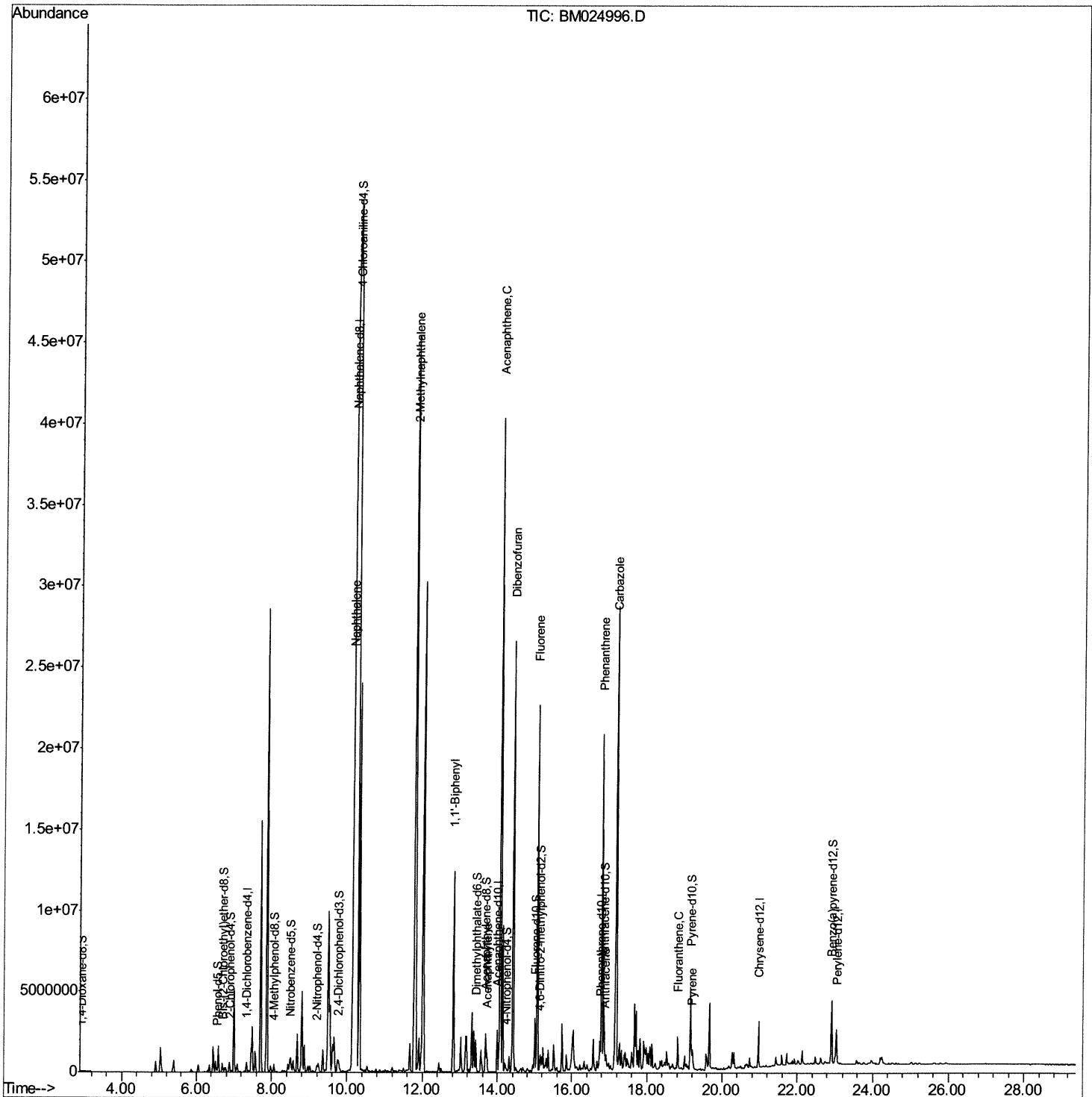
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM022120\
Data File : BM024996.D
Acq On : 21 Feb 2020 20:46
Operator : CG/JU
Sample : L1582-05
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DBDJ7

Manual Integrations
APPROVED

mohammad
2/24/2020 3:34:57 PM

Quant Time: Feb 24 10:16:58 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM020620MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Feb 22 01:15:56 2020
Response via : Initial Calibration



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM022120\
Quantitation Report (Qedit)

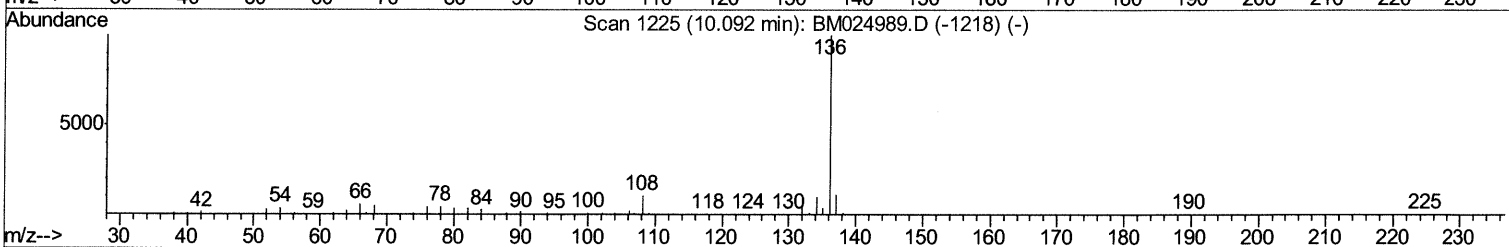
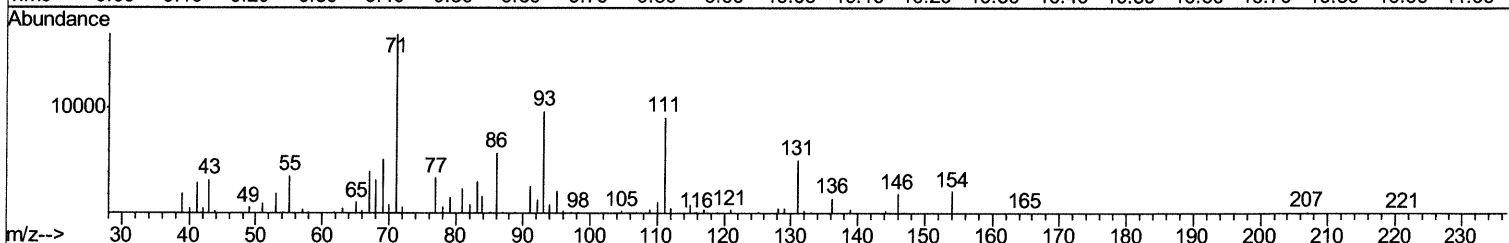
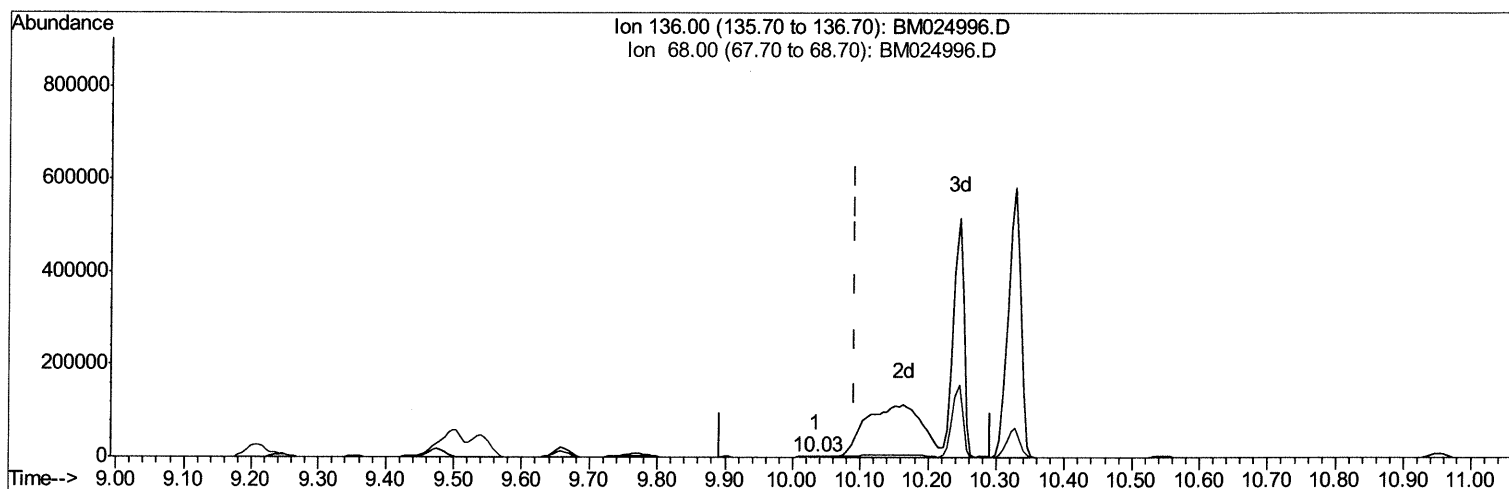
Data File : BM024996.D
Acq On : 21 Feb 2020 20:46
Operator : CG/JU
Sample : L1582-05
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DBDJ7

Manual Integrations
APPROVED

mohammad
2/24/2020 3:34:57 PM

Quant Time: Feb 22 01:18:51 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM020620MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Feb 22 01:15:56 2020
Response via : Initial Calibration



TIC: BM024996.D

(18) Naphthalene-d8 (I)

10.034min (-0.059) 20.00ng/ul

response 4769

Ion	Exp%	Act%
136.00	100	100
68.00	4.70	195.19#
0.00	0.00	0.00
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM022120\
Quantitation Report (Qedit)

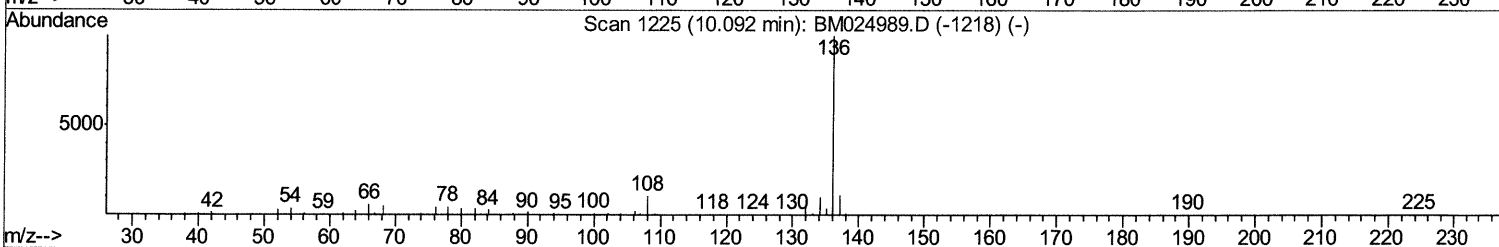
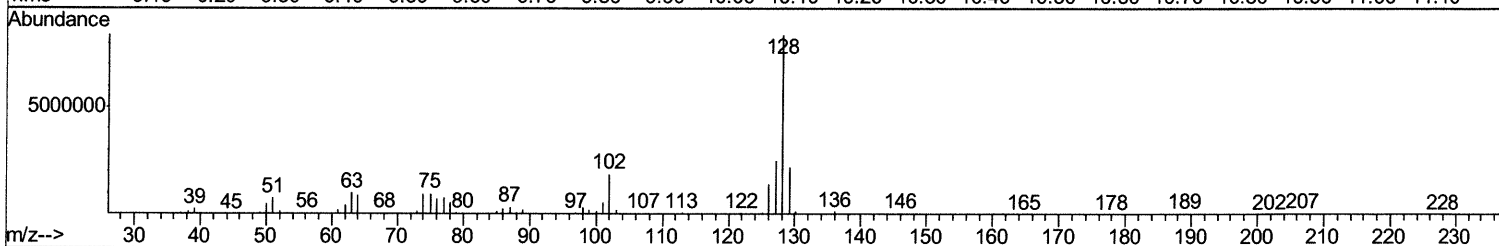
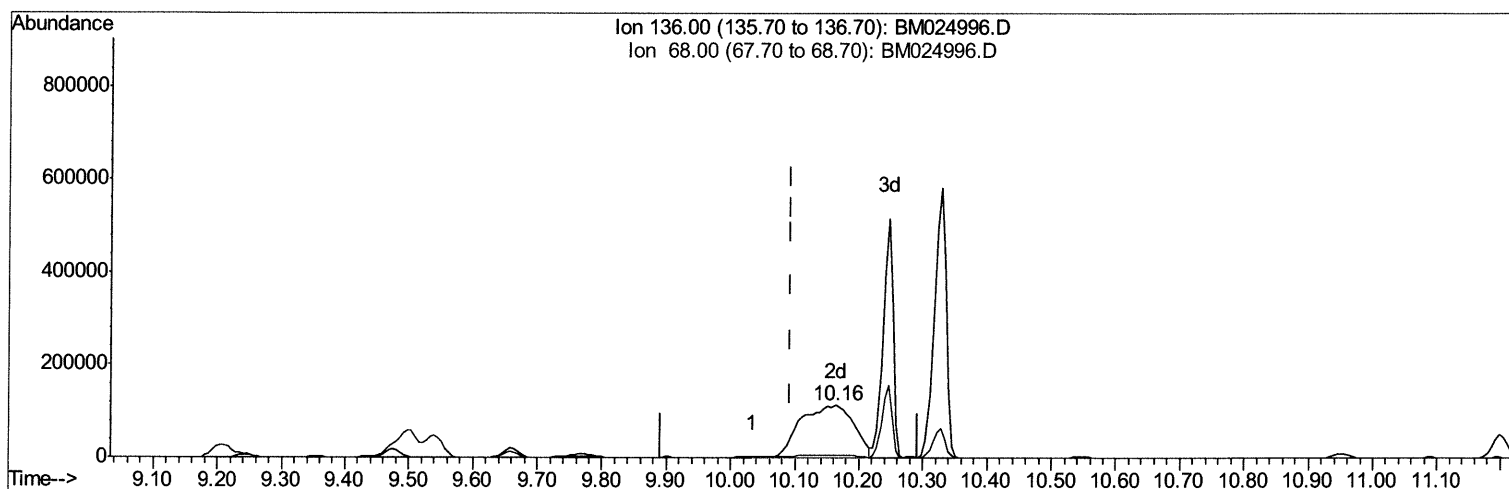
Data File : BM024996.D
Acq On : 21 Feb 2020 20:46
Operator : CG/JU
Sample : L1582-05
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DBDJ7

Manual Integrations
APPROVED

mohammad
2/24/2020 3:34:57 PM

Quant Time: Feb 22 01:18:51 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM020620MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Feb 22 01:15:56 2020
Response via : Initial Calibration



TIC: BM024996.D

(18) Naphthalene-d8 (I)

10.163min (+0.071) 20.00ng/ul m *JU 02/25/20*

response 655443

Ion	Exp%	Act%
136.00	100	100
68.00	4.70	5.66#
0.00	0.00	0.00
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM022120\
Quantitation Report (Qedit)

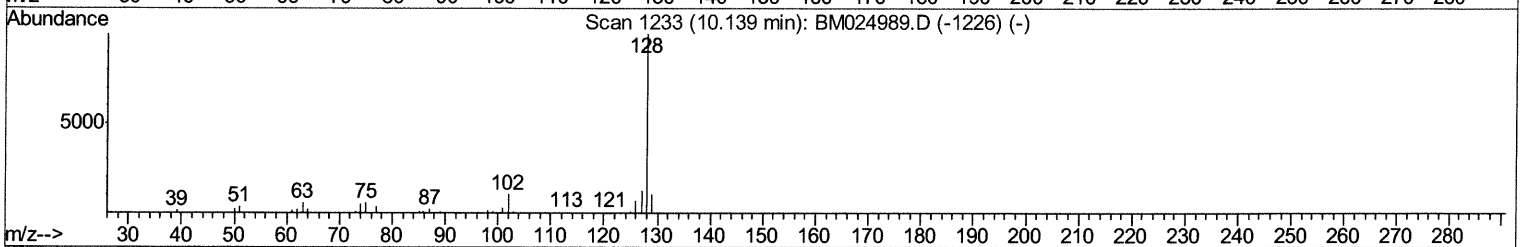
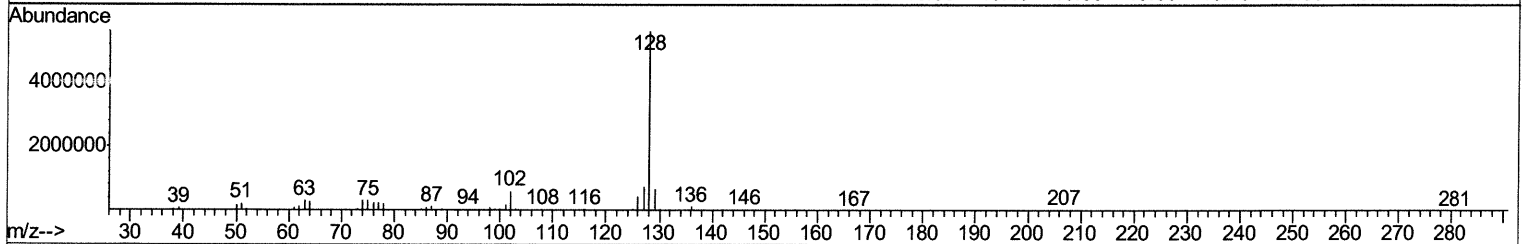
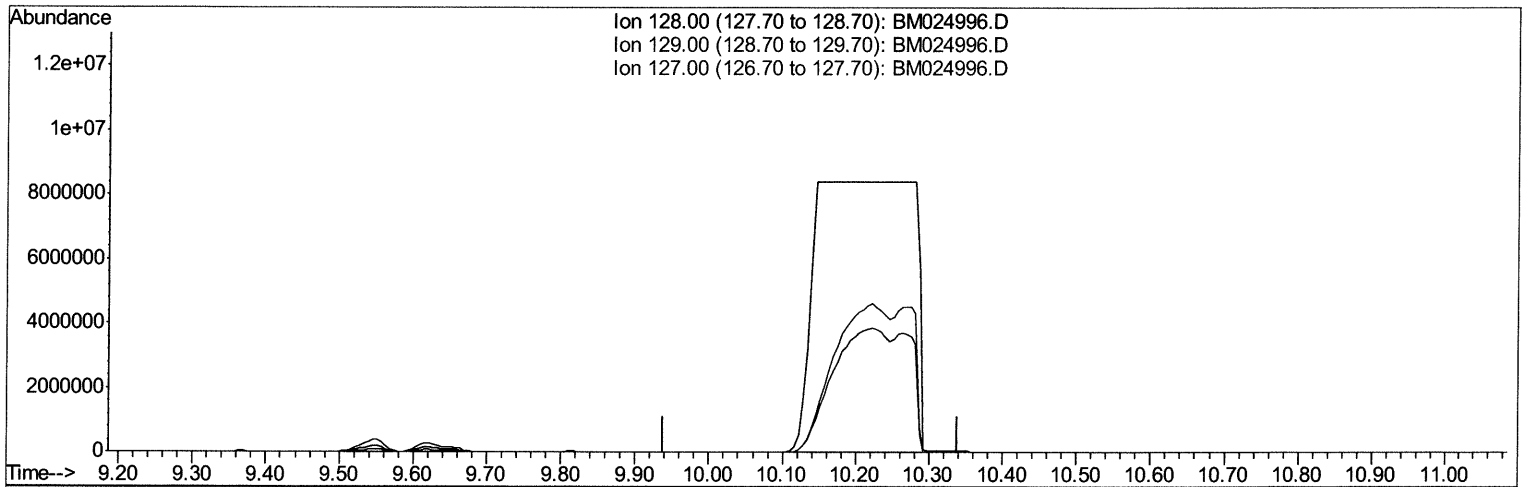
Data File : BM024996.D
Acq On : 21 Feb 2020 20:46
Operator : CG/JU
Sample : L1582-05
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DBDJ7

Manual Integrations
APPROVED

mohammad
2/24/2020 3:34:57 PM

Quant Time: Feb 22 02:16:19 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM020620MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Feb 22 01:15:56 2020
Response via : Initial Calibration



TIC: BM024996.D

(28) Naphthalene

10.139min (-10.139) 0.00ng/ul

response 0

Ion	Exp%	Act%
128.00	100	0.00
129.00	11.40	0.00#
127.00	13.00	0.00#
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM022120\
Quantitation Report (Qedit)

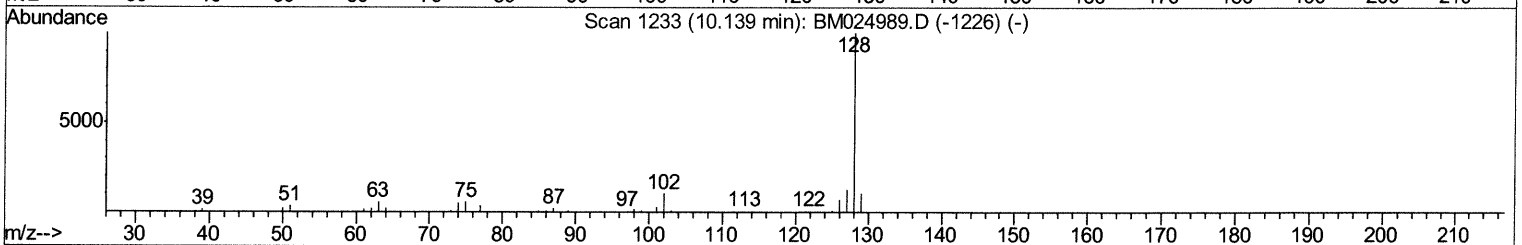
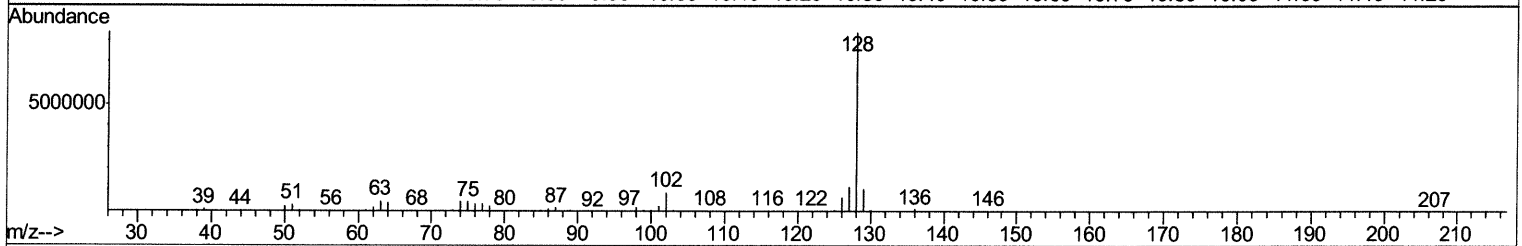
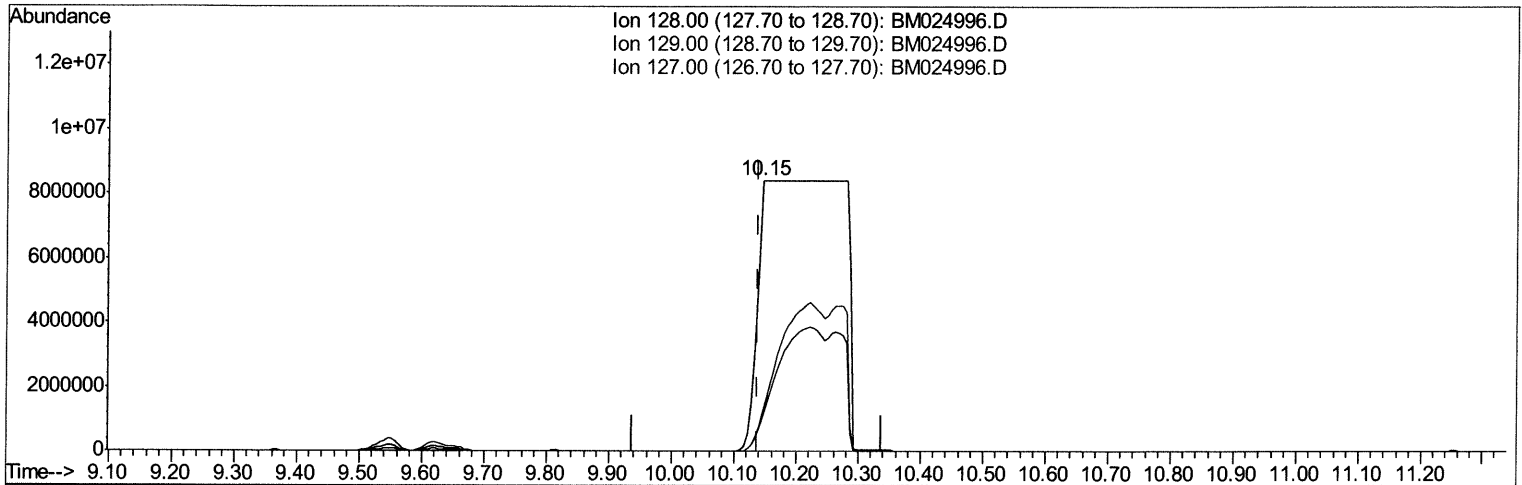
Data File : BM024996.D
Acq On : 21 Feb 2020 20:46
Operator : CG/JU
Sample : L1582-05
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DBDJ7

Manual Integrations
APPROVED

mohammad
2/24/2020 3:34:57 PM

Quant Time: Feb 22 02:16:19 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM020620MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Feb 22 01:15:56 2020
Response via : Initial Calibration



TIC: BM024996.D

(28) Naphthalene

10.145min (+0.006) 2301.26ng/ul m *JU02/25/20*

response 77067435

Ion	Exp%	Act%
128.00	100	100
129.00	11.40	12.17
127.00	13.00	13.92
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM022120\
Quantitation Report (Qedit)

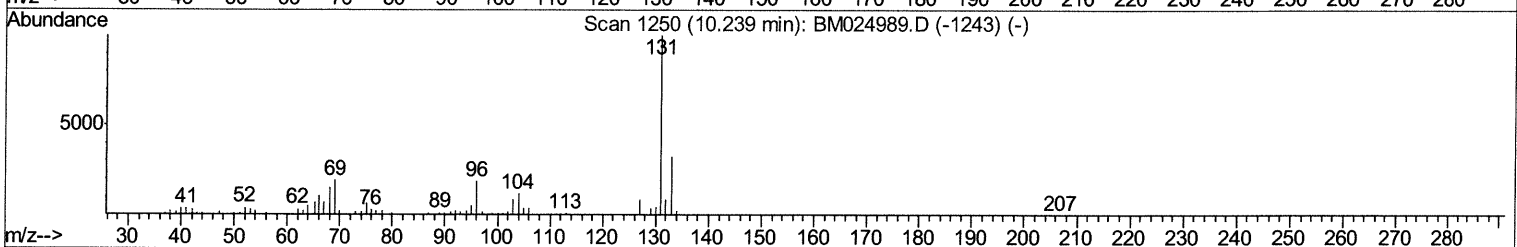
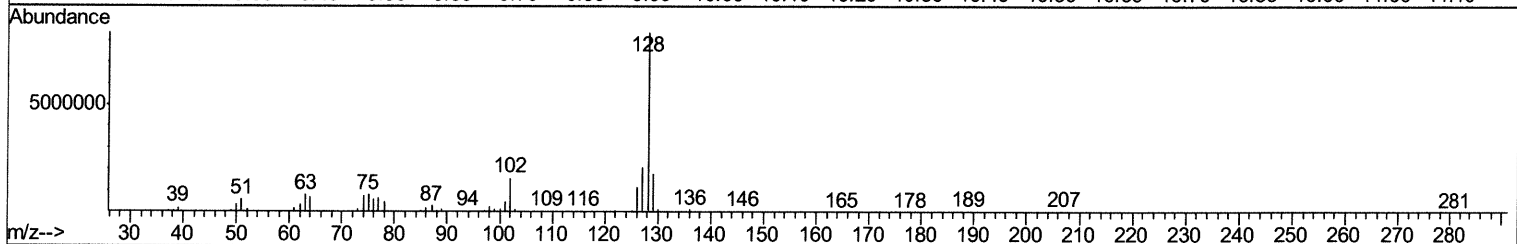
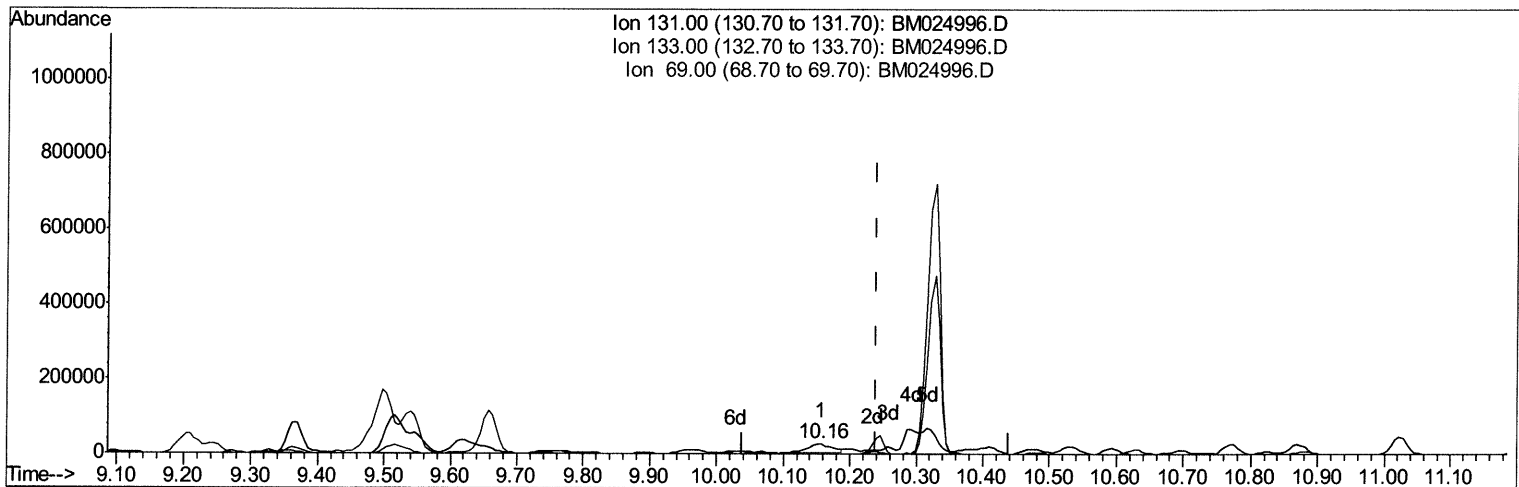
Data File : BM024996.D
Acq On : 21 Feb 2020 20:46
Operator : CG/JU
Sample : L1582-05
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DBDJ7

Manual Integrations
APPROVED

mohammad
2/24/2020 3:34:57 PM

Quant Time: Feb 22 02:16:19 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM020620MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Feb 22 01:15:56 2020
Response via : Initial Calibration



TIC: BM024996.D

(29) 4-Chloroaniline-d4 (S)

10.157min (-0.082) 6.11ng/ul

response 64518

Ion	Exp%	Act%
131.00	100	100
133.00	34.60	4.33#
69.00	16.20	2.64#
0.00	0.00	0.00

Quantitation Report (Qedit)

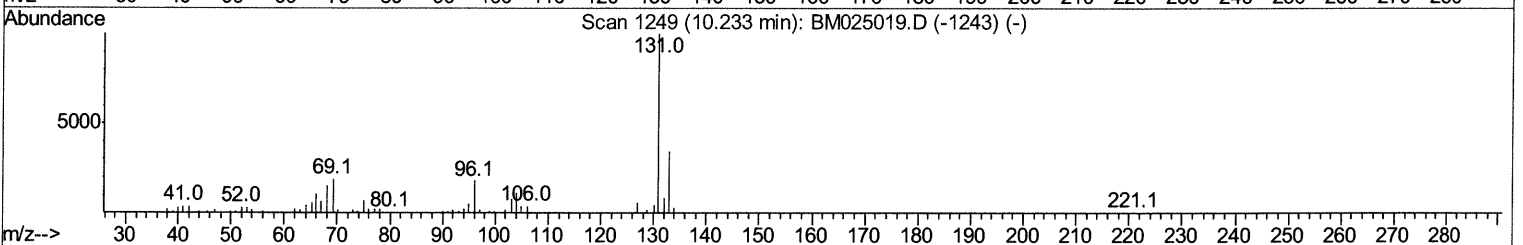
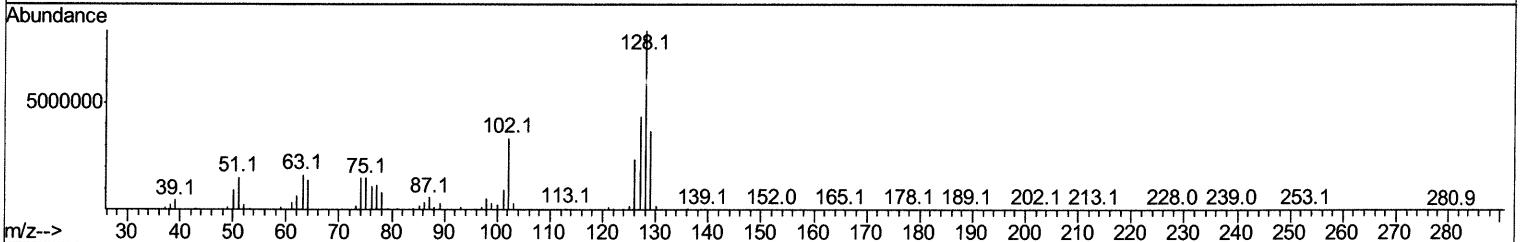
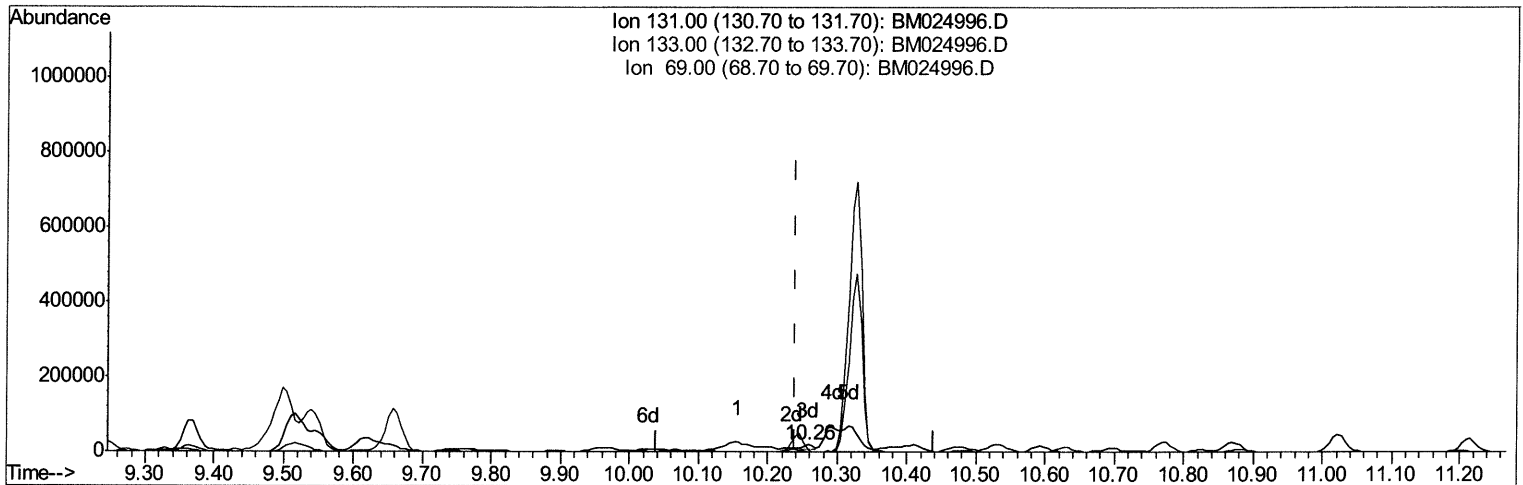
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM022120\
 Data File : BM024996.D
 Acq On : 21 Feb 2020 20:46
 Operator : CG/JU
 Sample : L1582-05
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_M
ClientSampleId :
 DBDJ7

Manual Integrations
APPROVED

mohammad
 2/24/2020 3:34:57 PM

Quant Time: Feb 22 02:21:57 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM020620MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Feb 22 01:15:56 2020
 Response via : Initial Calibration



TIC: BM024996.D

(29) 4-Chloroaniline-d4 (S)

10.257min (+0.018) 1.04ng/ul m *TU02/25/20*

response 11010

Ion	Exp%	Act%
131.00	100	100
133.00	34.60	7.71#
69.00	16.20	28.44#
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM022120\
Quantitation Report (Qedit)

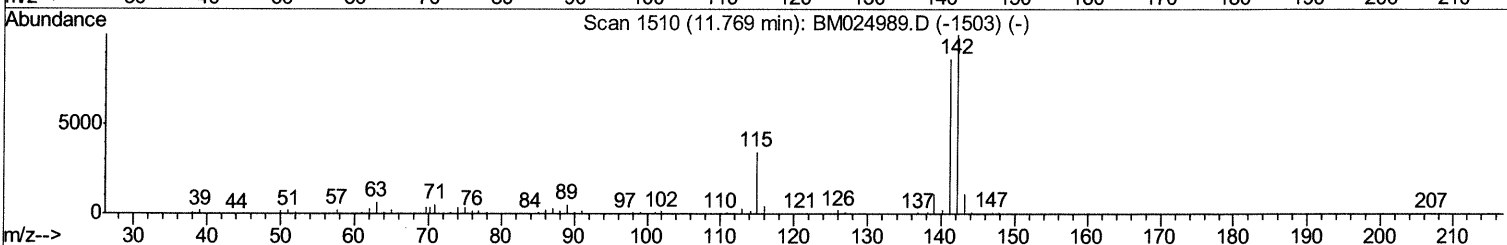
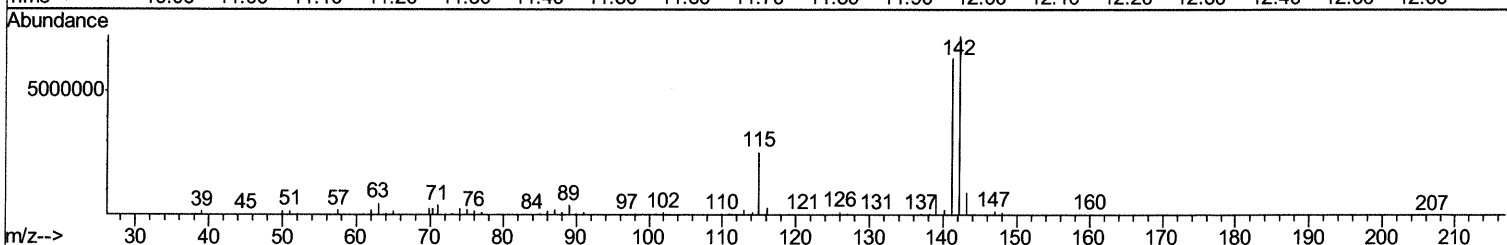
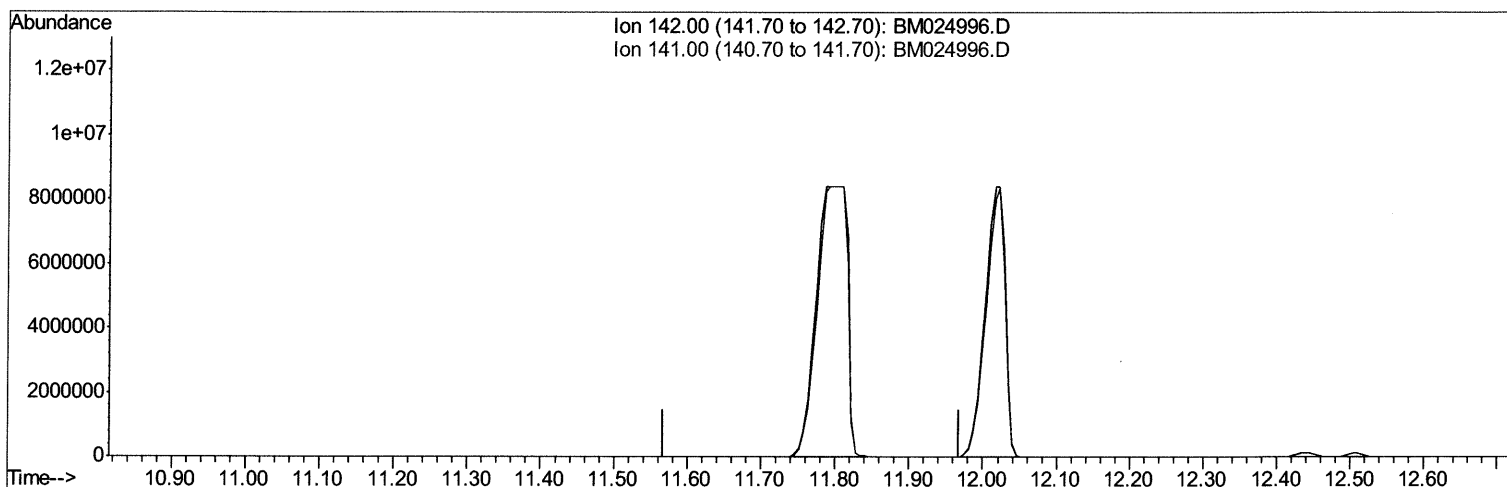
Data File : BM024996.D
Acq On : 21 Feb 2020 20:46
Operator : CG/JU
Sample : L1582-05
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DBDJ7

Manual Integrations
APPROVED

mohammad
2/24/2020 3:34:57 PM

Quant Time: Feb 22 02:16:19 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM020620MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Feb 22 01:15:56 2020
Response via : Initial Calibration



TIC: BM024996.D

(34) 2-Methylnaphthalene

11.769min (-11.769) 0.00ng/ul

response 0

Ion	Exp%	Act%
142.00	100	0.00
141.00	88.10	0.00#
0.00	0.00	0.00
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM022120\
Quantitation Report (Qedit)

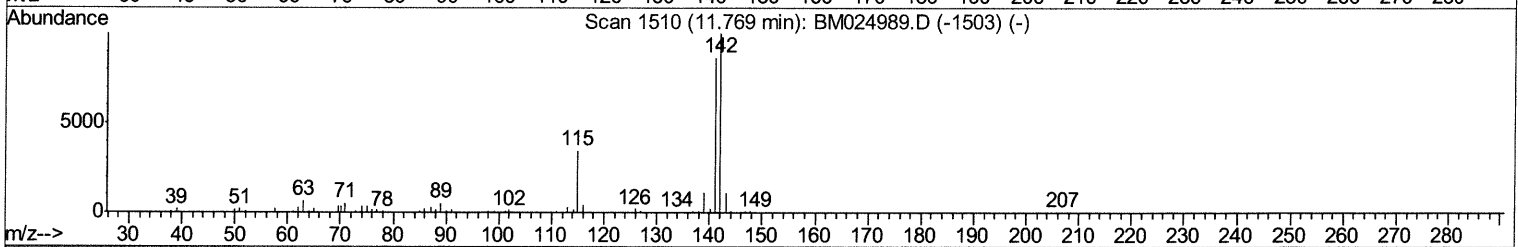
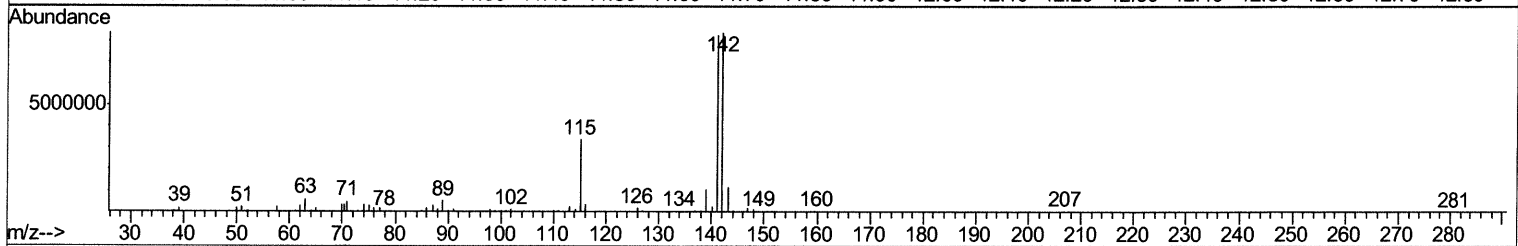
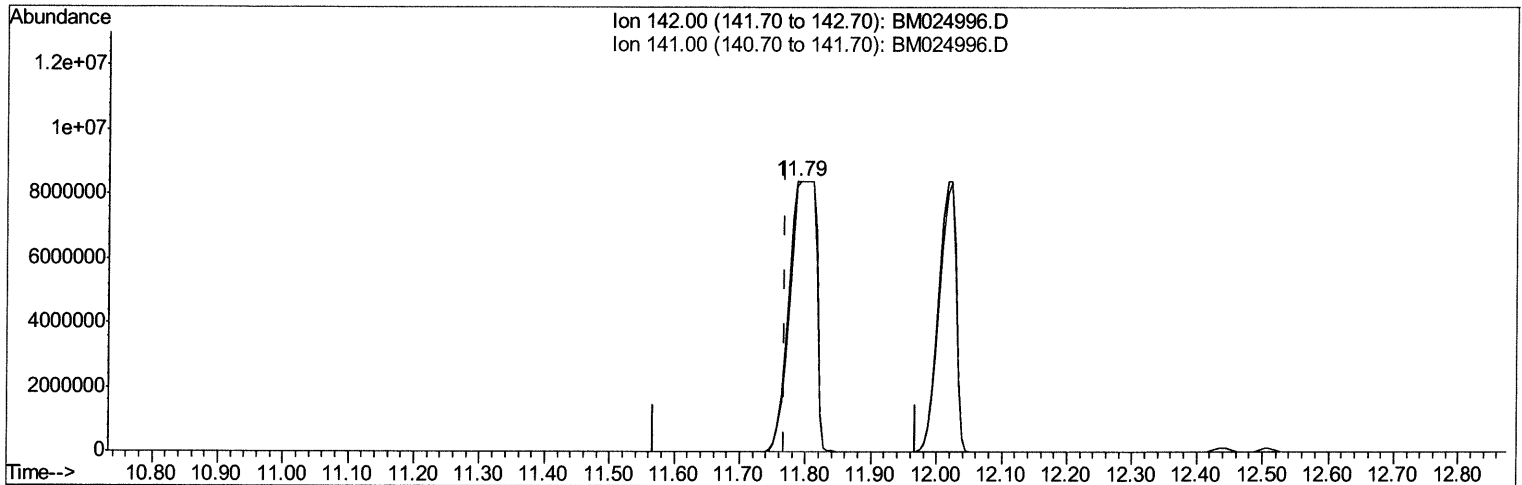
Data File : BM024996.D
Acq On : 21 Feb 2020 20:46
Operator : CG/JU
Sample : L1582-05
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DBDJ7

Manual Integrations
APPROVED

mohammad
2/24/2020 3:34:57 PM

Quant Time: Feb 22 02:16:19 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM020620MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Feb 22 01:15:56 2020
Response via : Initial Calibration



TIC: BM024996.D

(34) 2-Methylnaphthalene

11.786min (+0.018) 986.03ng/ul m JU 02/25/20

response 24324094

Ion	Exp%	Act%
142.00	100	100
141.00	88.10	98.39
0.00	0.00	0.00
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM022120\
Quantitation Report (Qedit)

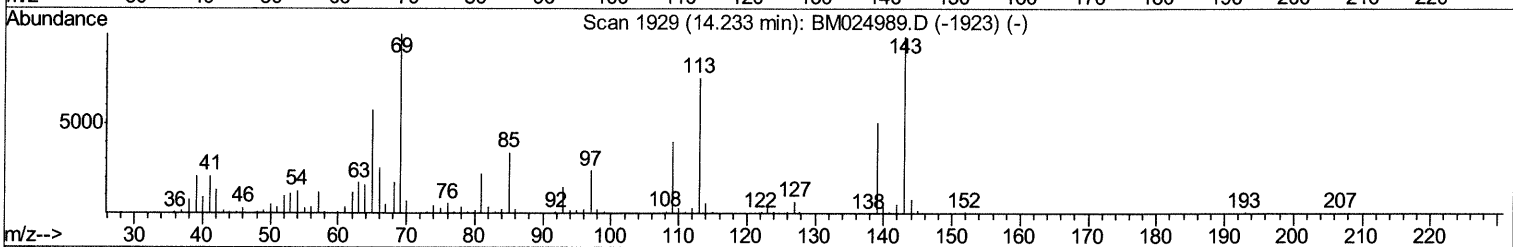
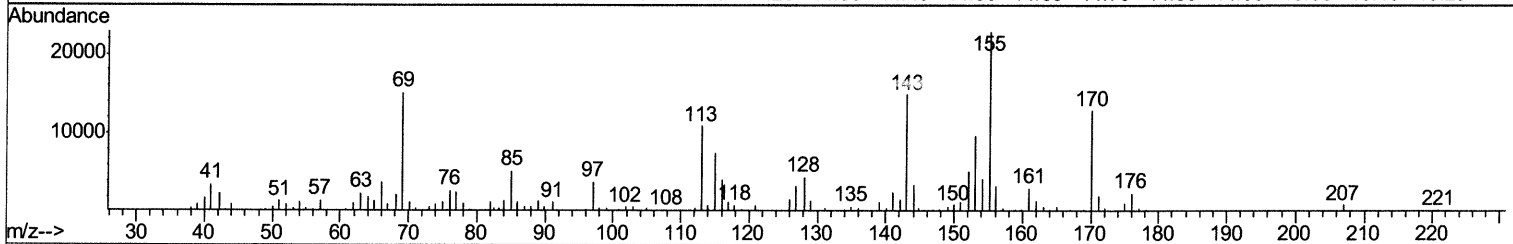
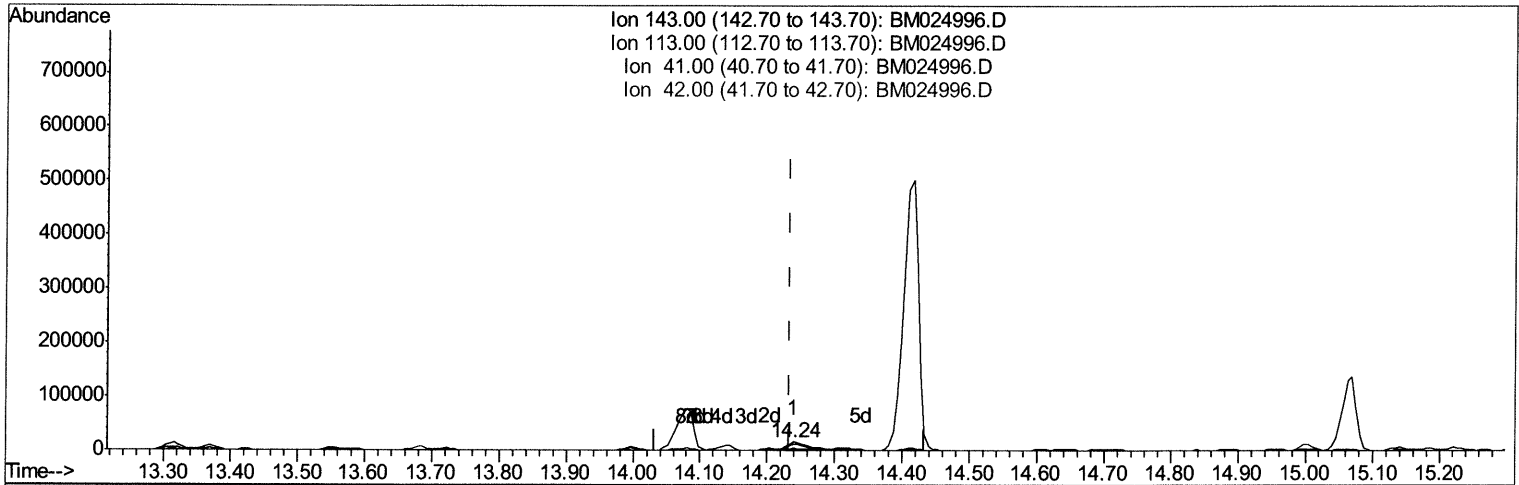
Data File : BM024996.D
Acq On : 21 Feb 2020 20:46
Operator : CG/JU
Sample : L1582-05
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DBDJ7

Manual Integrations
APPROVED

mohammad
2/24/2020 3:34:57 PM

Quant Time: Feb 22 02:16:19 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM020620MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Feb 22 01:15:56 2020
Response via : Initial Calibration



TIC: BM024996.D

(52) 4-Nitrophenol-d4 (S)

14.239min (+0.006) 3.99ng/ul

response 26230

Ion	Exp%	Act%
143.00	100	100
113.00	71.10	73.05
41.00	26.10	23.82
42.00	18.80	16.95

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM022120\
Quantitation Report (Qedit)

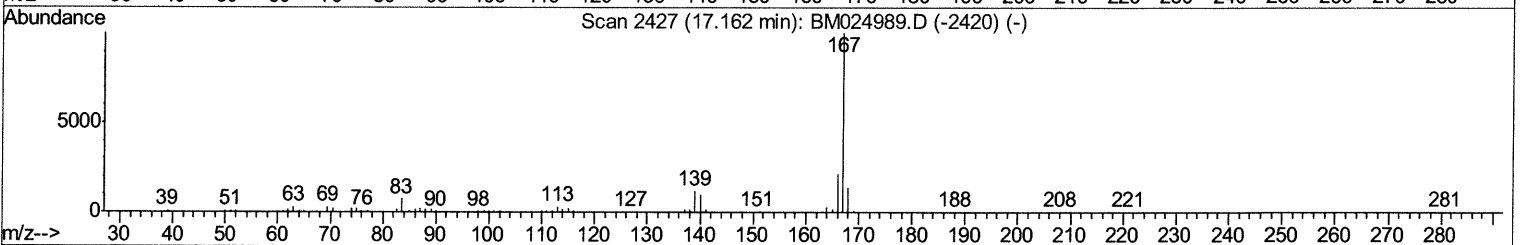
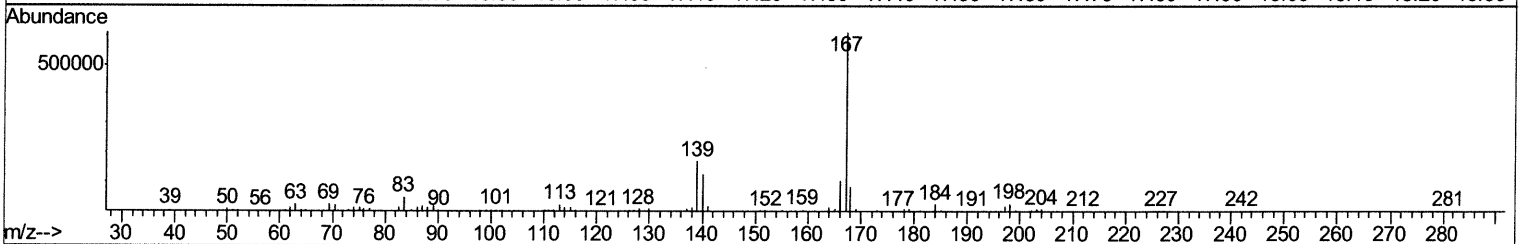
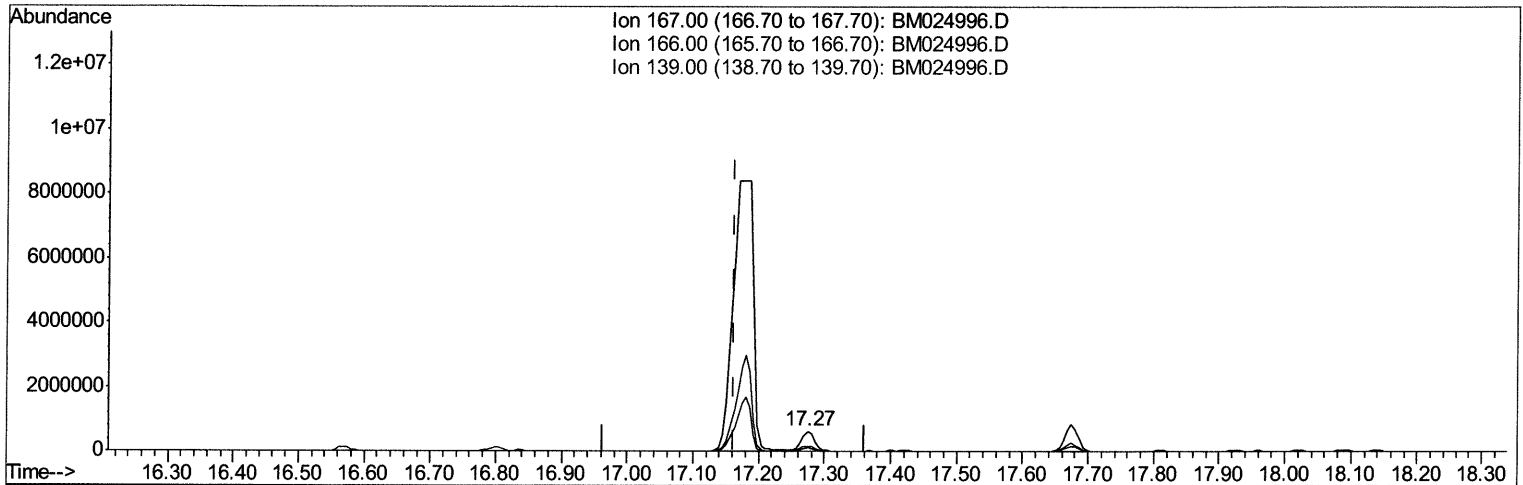
Data File : BM024996.D
Acq On : 21 Feb 2020 20:46
Operator : CG/JU
Sample : L1582-05
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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Manual Integrations
APPROVED

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2/24/2020 3:34:57 PM

Quant Time: Feb 22 02:16:19 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM020620MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Feb 22 01:15:56 2020
Response via : Initial Calibration



TIC: BM024996.D

(75) Carbazole

17.274min (+0.112) 14.77ng/ul

response 806779

Ion	Exp%	Act%
167.00	100	100
166.00	20.70	17.17
139.00	11.60	27.81#
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM022120\
Quantitation Report (Qedit)

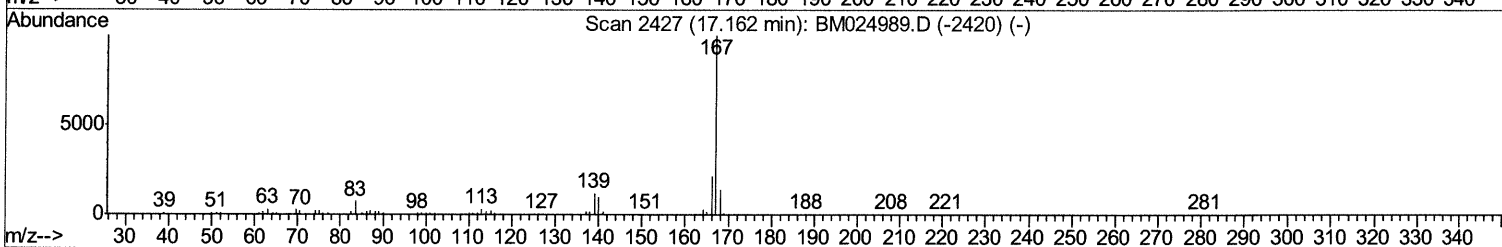
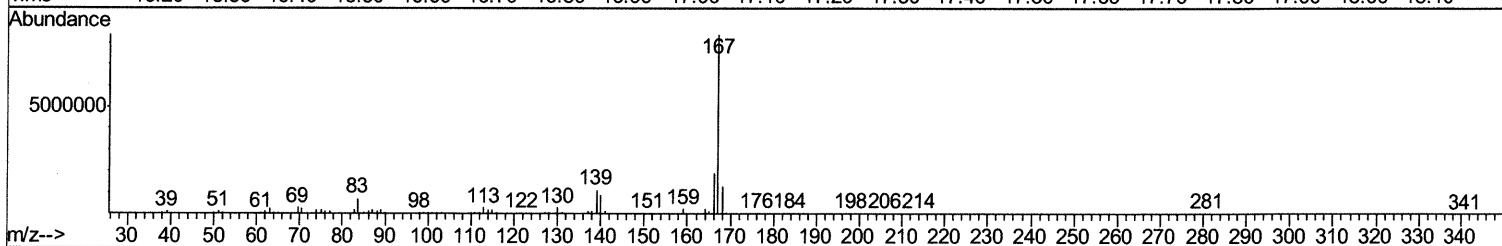
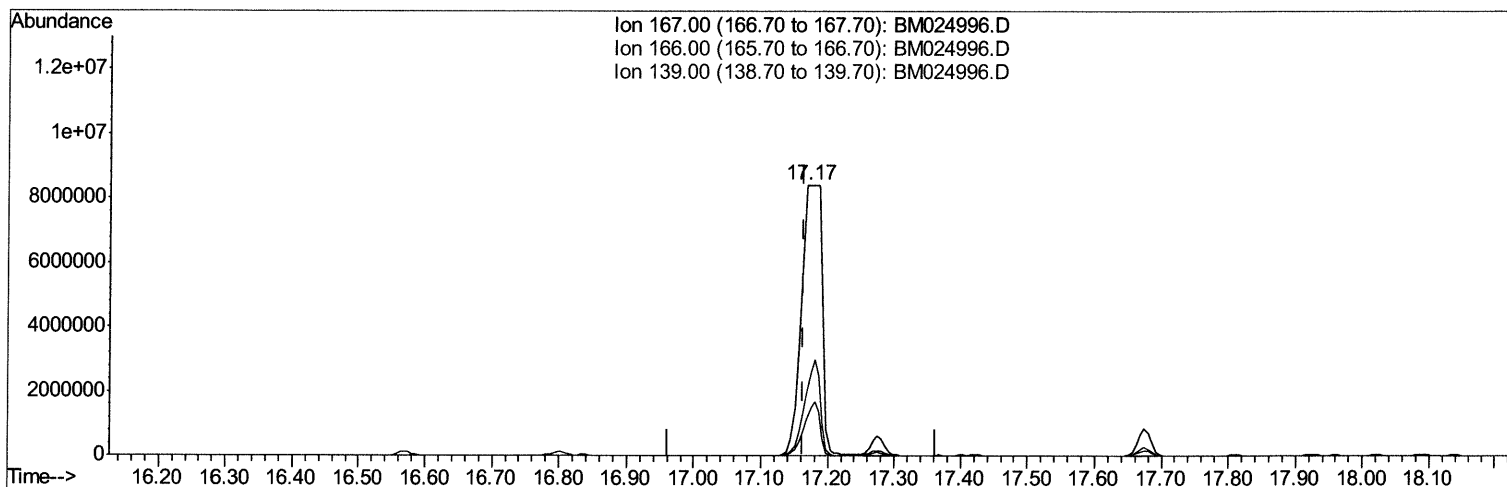
Data File : BM024996.D
Acq On : 21 Feb 2020 20:46
Operator : CG/JU
Sample : L1582-05
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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Manual Integrations
APPROVED

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Quant Time: Feb 22 02:16:19 2020
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Quant Title : SVOA CALIBRATION
QLast Update : Sat Feb 22 01:15:56 2020
Response via : Initial Calibration



TIC: BM024996.D

(75) Carbazole

17.168min (+0.006) 329.18ng/ul m

Ju 02/25/20

response 17978379

Ion	Exp%	Act%
167.00	100	100
166.00	20.70	22.88
139.00	11.60	13.19
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM022120\
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Instrument :
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 ClientSampleId :
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Manual Integrations
 APPROVED

mohammad
 2/24/2020 3:34:57 PM

Quant Time: Feb 24 10:16:58 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM020620MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Feb 22 01:15:56 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.34	152	177936	20.00	ng/ul	0.00
18) Naphthalene-d8	10.16	136	655443m >	20.00	ng/ul >	0.07
36) Acenaphthene-d10	14.00	164	535878	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.75	188	1185540	20.00	ng/ul	0.00
78) Chrysene-d12	20.96	240	1268970	20.00	ng/ul	0.00
86) Perylene-d12	23.04	264	1500583	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	2.94	96	24776	6.70	ng/uL	0.00
5) Phenol-d5	6.55	99	87951	7.44	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.69	67	252506	37.82	ng/ul	0.00
9) 2-Chlorophenol-d4	6.88	132	286739	27.08	ng/ul	0.00
13) 4-Methylphenol-d8	8.06	113	172770	17.32	ng/ul	0.00
19) Nitrobenzene-d5	8.49	128	194283	40.99	ng/ul	0.00
22) 2-Nitrophenol-d4	9.21	143	215947	38.56	ng/ul	0.02
26) 2,4-Dichlorophenol-d3	9.77	165	372499	32.97	ng/ul	0.05
29) 4-Chloroaniline-d4	10.26	131	11010m >	1.04	ng/ul >	0.02
44) Dimethylphthalate-d6	13.43	166	1323060	32.71	ng/ul	0.00
47) Acenaphthylene-d8	13.68	160	1652321	34.98	ng/ul	0.00
52) 4-Nitrophenol-d4	14.24	143	26230	3.99	ng/ul	0.00
58) Fluorene-d10	15.00	176	1251165	34.93	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.14	200	229411	29.69	ng/ul	0.00
71) Anthracene-d10	16.85	188	2005334	37.05	ng/ul	0.00
79) Pyrene-d10	19.16	212	2331840	36.74	ng/ul	0.00
90) Benzo(a)pyrene-d12	22.92	264	2756449	36.57	ng/ul	0.00

Target Compounds

				Ovalue	
28) Naphthalene	10.15	128	77067435m	2301.264	ng/ul
34) 2-Methylnaphthalene	11.79	142	24324094m	986.026	ng/ul
41) 1,1'-Biphenyl	12.82	154	6613556	167.179	ng/ul#
48) Acenaphthylene	13.71	152	396145	8.096	ng/ul#
50) Acenaphthene	14.07	153	17539155	530.765	ng/ul
54) Dibenzofuran	14.41	168	15759975	319.944	ng/ul#
59) Fluorene	15.07	166	10336867	254.624	ng/ul
70) Phenanthrene	16.80	178	12705813	196.559	ng/ul
72) Anthracene	16.89	178	437375	6.672	ng/ul
75) Carbazole	17.17	167	17978379m >	329.180	ng/ul >
77) Fluoranthene	18.82	202	1146753	14.451	ng/ul
80) Pyrene	19.19	202	702264	8.361	ng/ul#

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