

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM022120\

Quantitation Report (QT Reviewed)

Data File : BM025018.D

Acq On : 22 Feb 2020 09:56

Operator : CG/JU

Sample : L1507-16

Misc :

ALS Vial : 30 Sample Multiplier: 1

Instrument :

BNA_M

ClientSampleId :

DBD14

Manual Integrations
APPROVED

mohammad
2/24/2020 3:38:52 PM

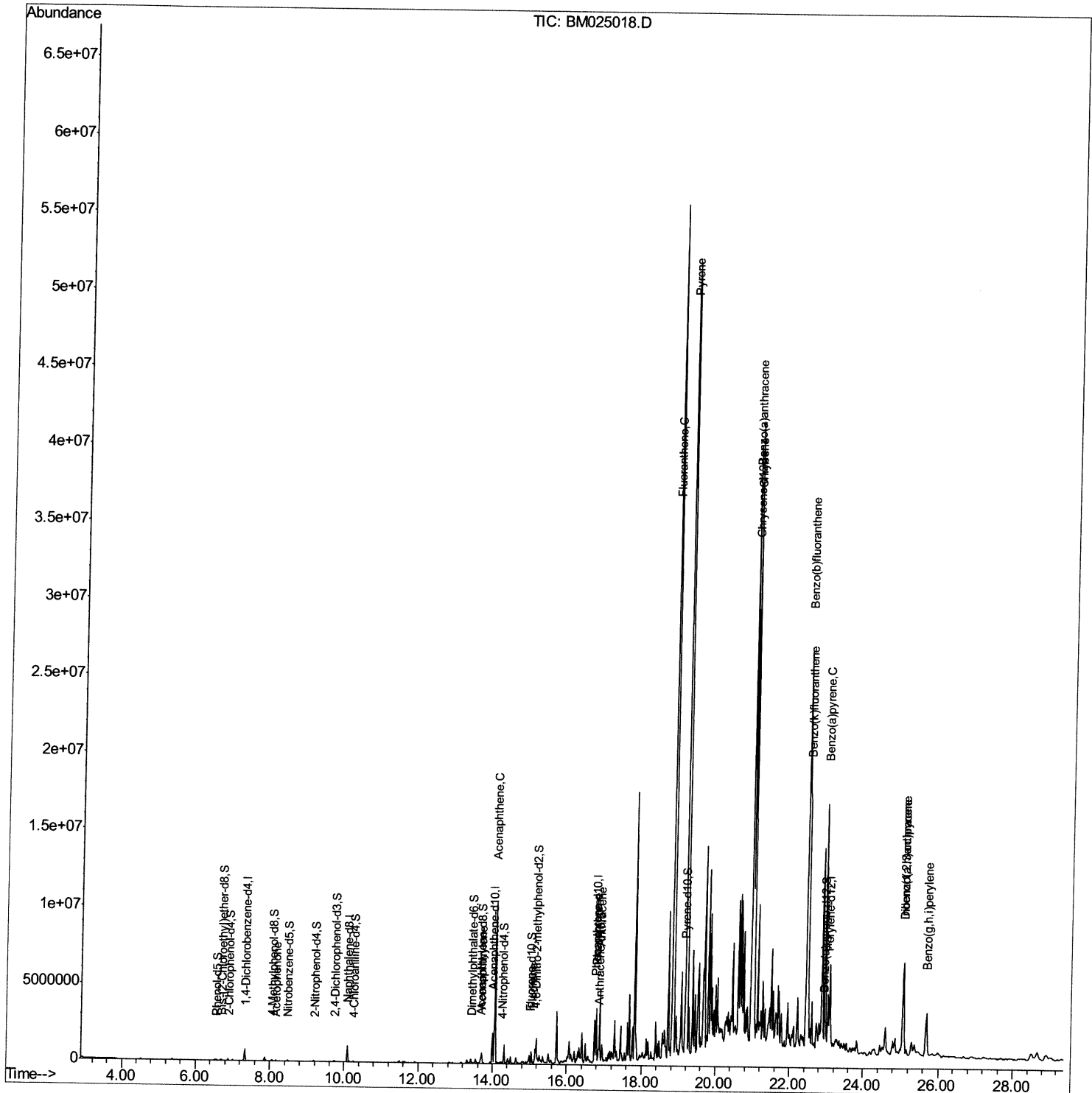
Quant Time: Feb 24 04:55:34 2020

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM020620MA.M

Quant Title : SVOA CALIBRATION

QLast Update : Mon Feb 24 03:25:45 2020

Response via : Initial Calibration



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

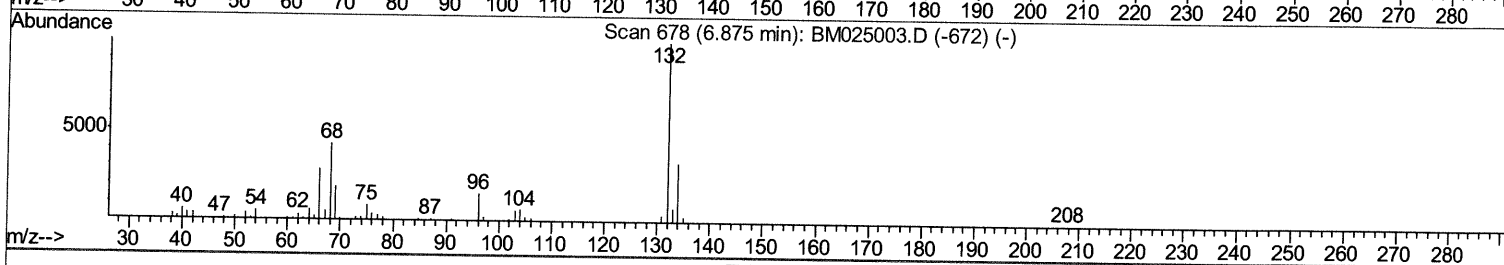
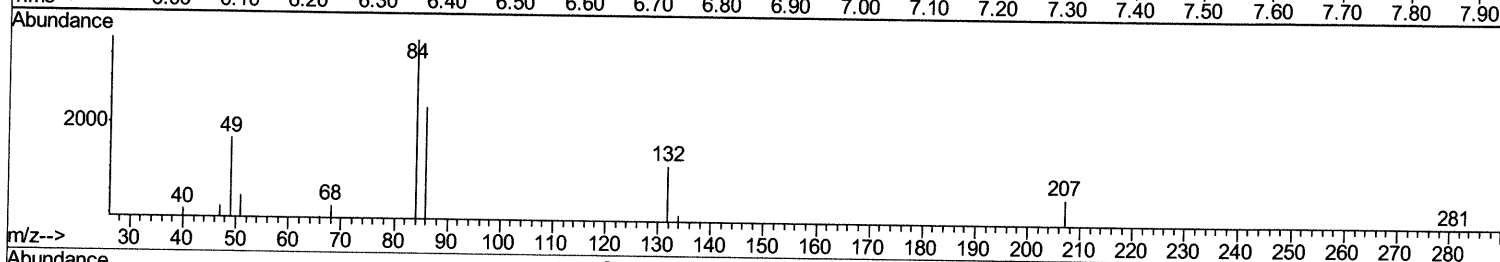
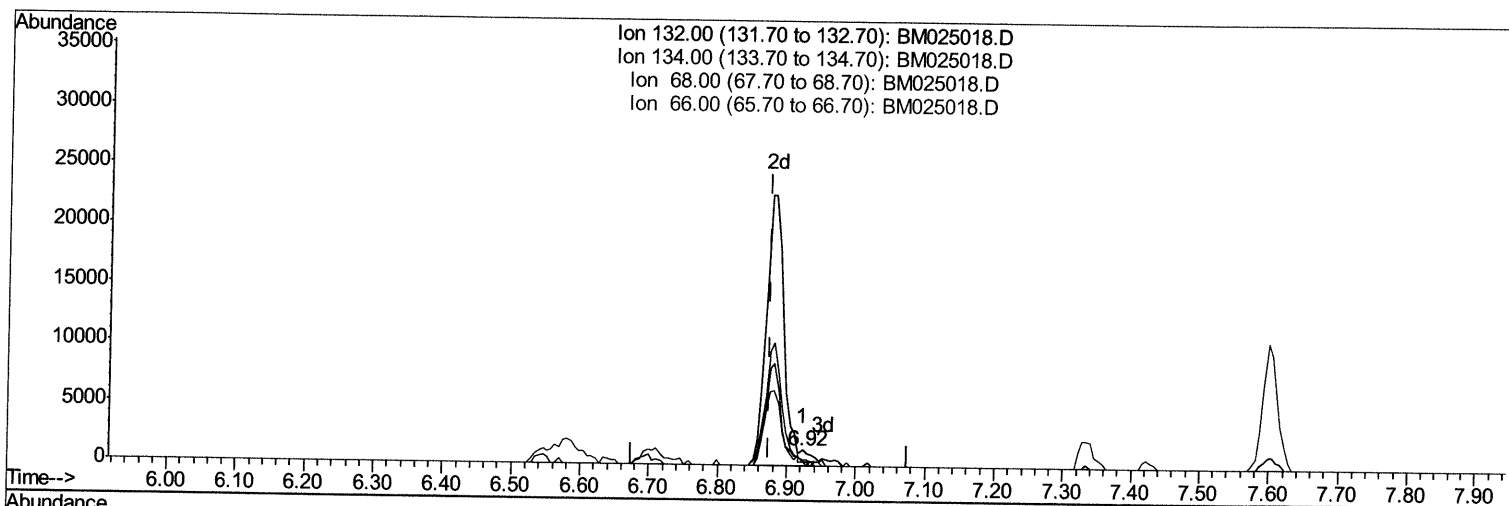
Data File : BM025018.D
Acq On : 22 Feb 2020 09:56
Operator : CG/JU
Sample : L1507-16
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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Manual Integrations
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mohammad
2/24/2020 3:38:52 PM

Quant Time: Feb 24 03:37:54 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM020620MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Feb 24 03:25:45 2020
Response via : Initial Calibration



TIC: BM025018.D

(9) 2-Chlorophenol-d4 (S)

6.922min (+0.047) 0.08ng/ul

response 1015

Ion	Exp%	Act%
132.00	100	100
134.00	30.90	33.79
68.00	36.10	42.22
66.00	24.40	27.28

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

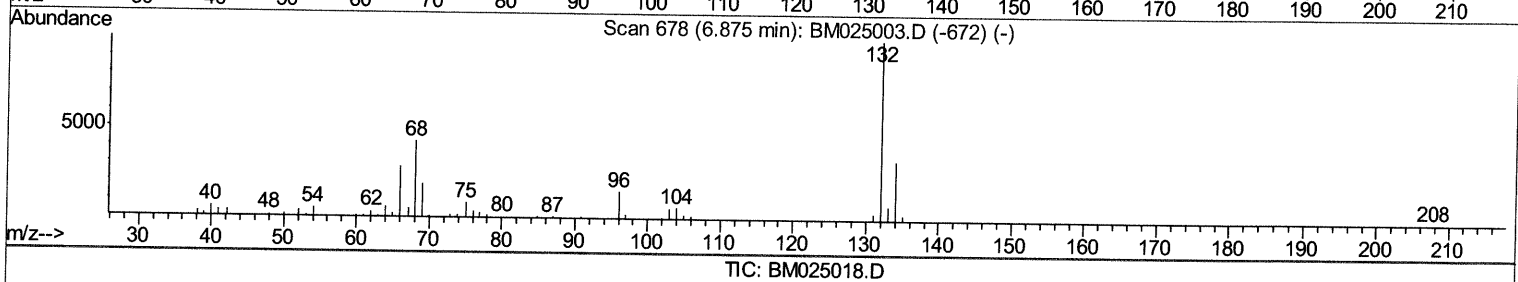
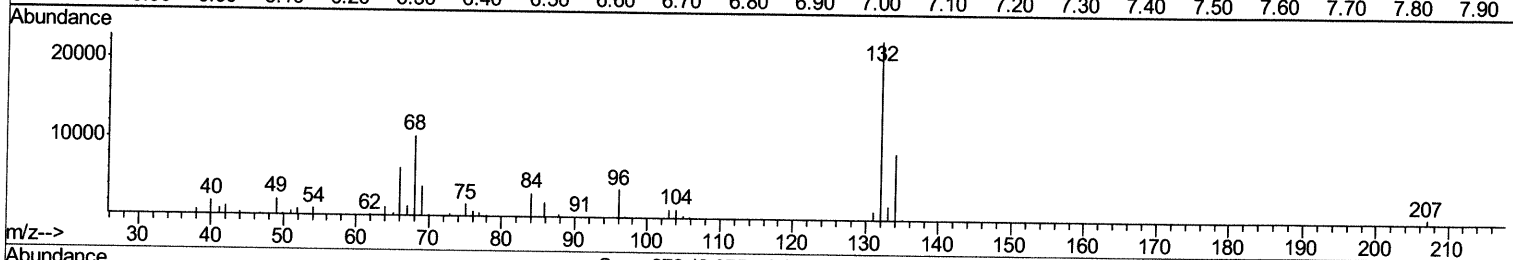
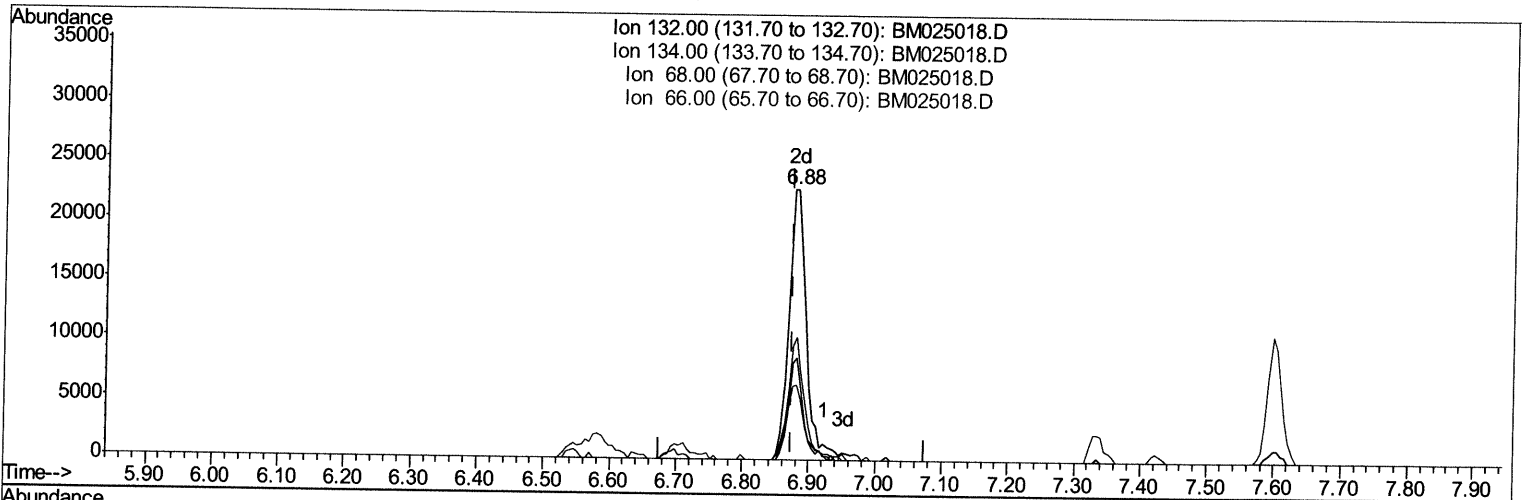
Data File : BM025018.D
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Sample : L1507-16
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
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Manual Integrations
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Quant Time: Feb 24 03:37:54 2020
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TIC: BM025018.D

(9) 2-Chlorophenol-d4 (S)

6.881min (+0.006) 3.30ng/ul m JU 02/25/20

response 41515

Ion	Exp%	Act%
132.00	100	100
134.00	30.90	37.94#
68.00	36.10	45.53#
66.00	24.40	27.55

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

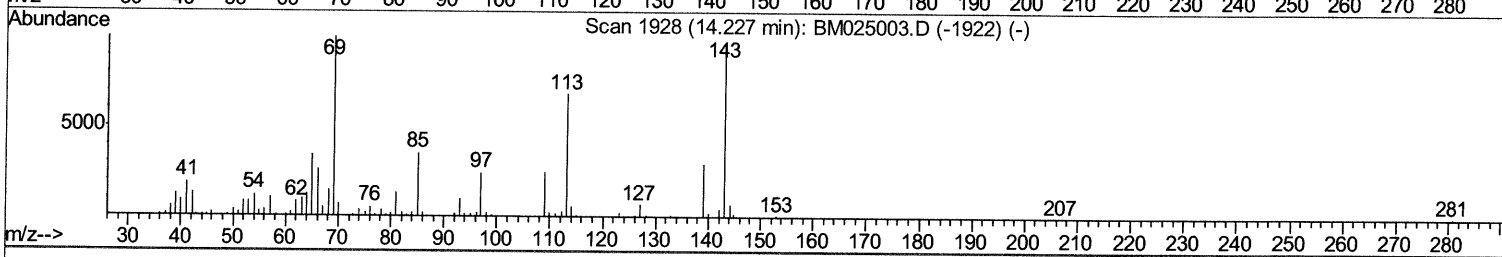
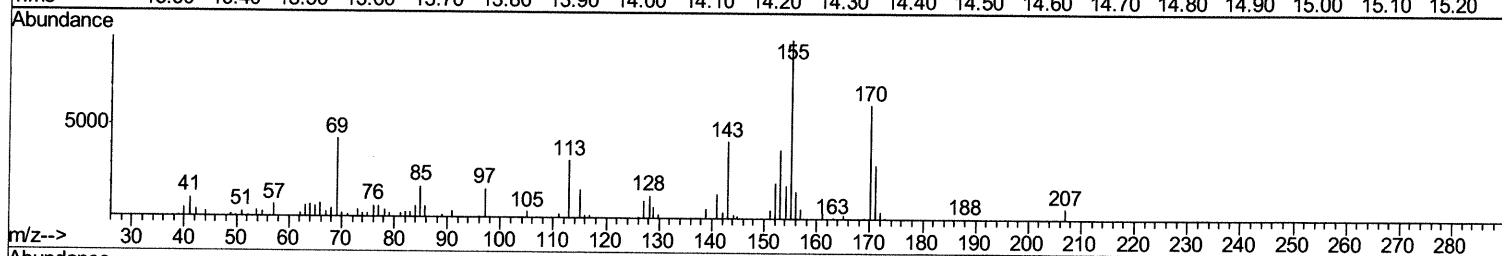
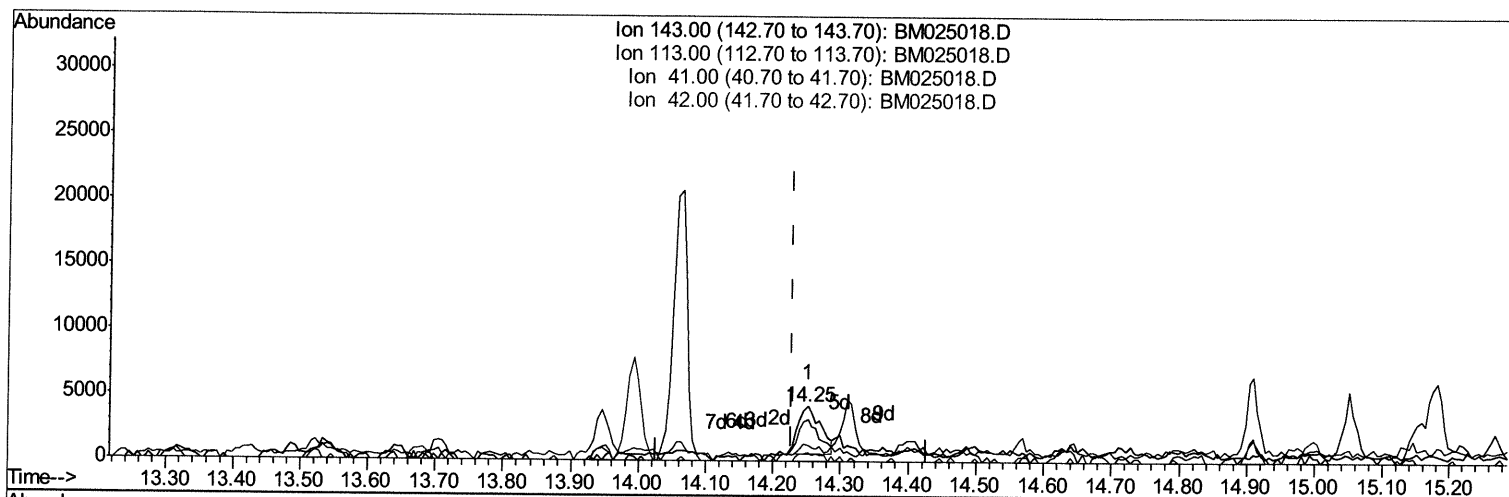
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ALS Vial : 30 Sample Multiplier: 1

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TIC: BM025018.D

(52) 4-Nitrophenol-d4 (S)

14.251min (+0.024) 1.03ng/ul

response 8590

Ion	Exp%	Act%
143.00	100	100
113.00	71.10	76.30
41.00	26.10	29.73
42.00	18.80	16.38

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

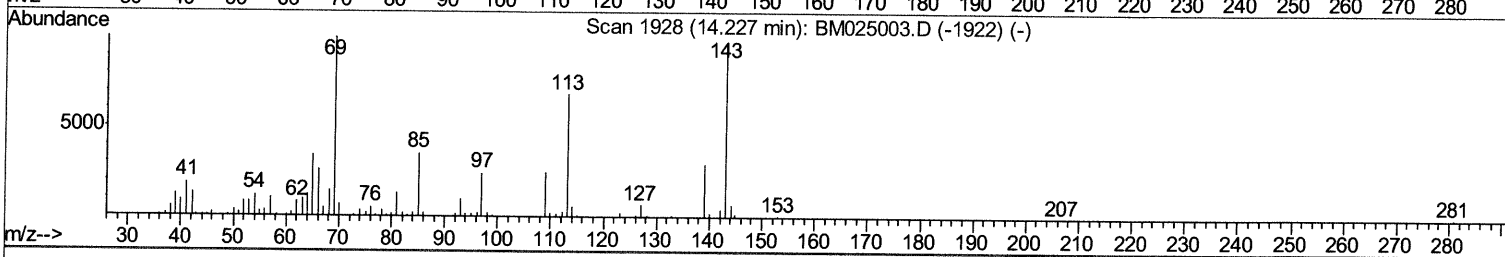
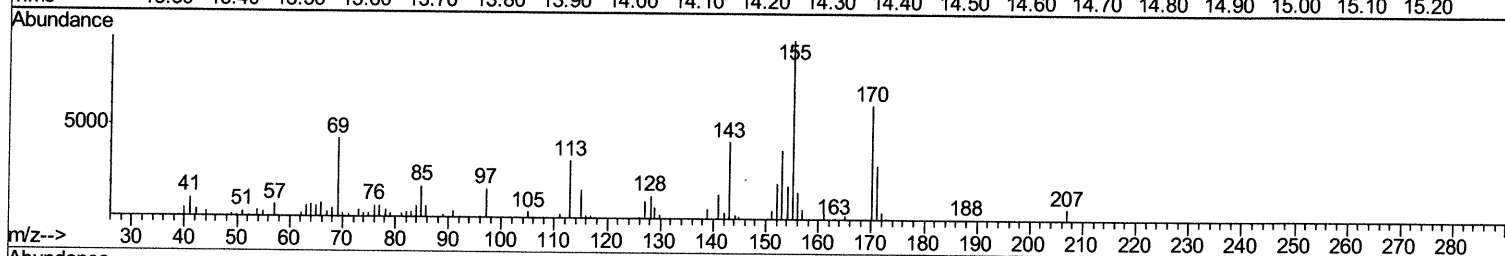
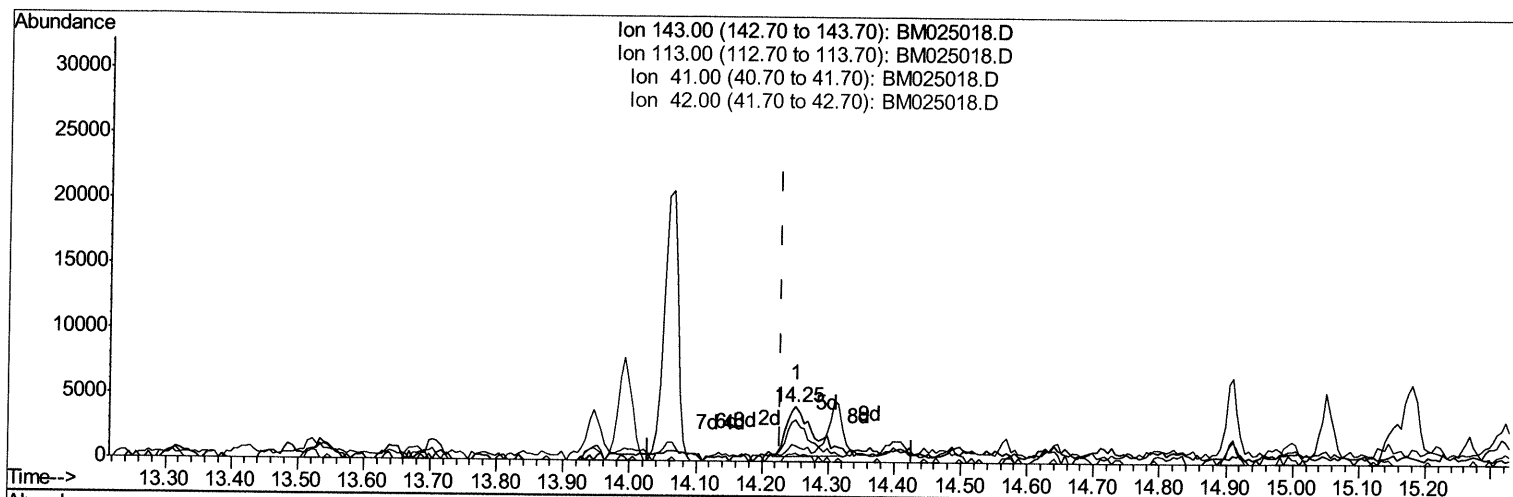
Data File : BM025018.D
Acq On : 22 Feb 2020 09:56
Operator : CG/JU
Sample : L1507-16
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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Manual Integrations
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TIC: BM025018.D

(52) 4-Nitrophenol-d4 (S)

14.251min (+0.024) 1.33ng/ul m *JU 02/25/20*

response 11150

Ion	Exp%	Act%
143.00	100	100
113.00	71.10	76.30
41.00	26.10	29.73
42.00	18.80	16.38

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

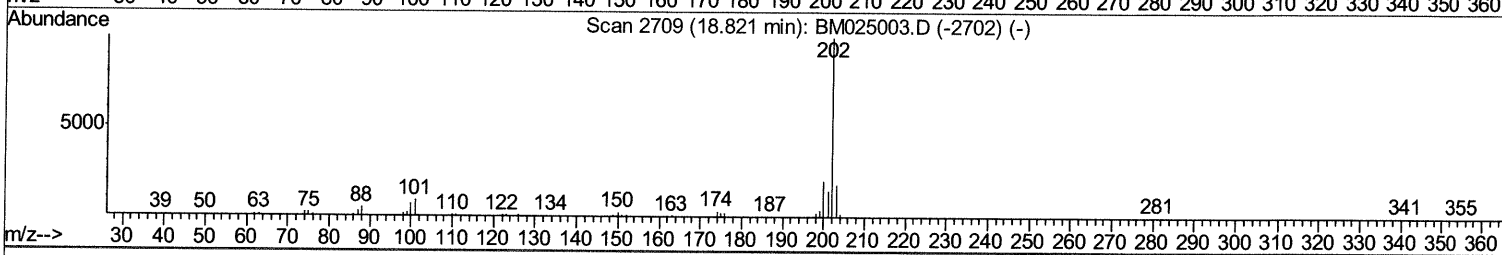
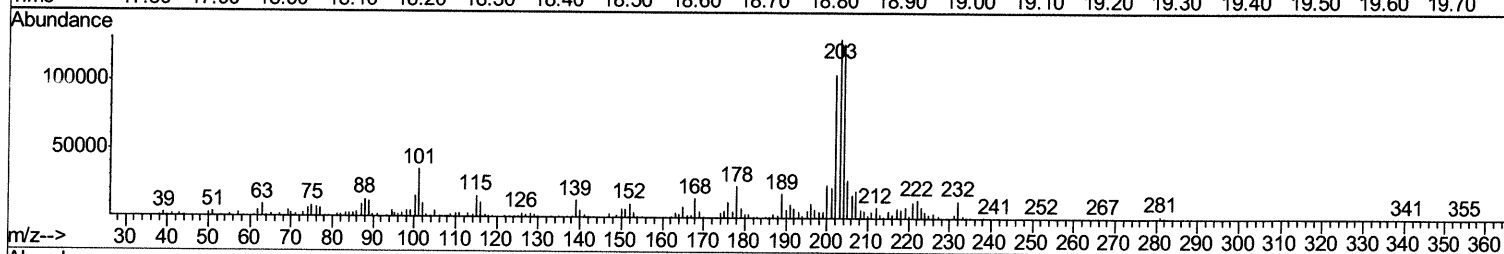
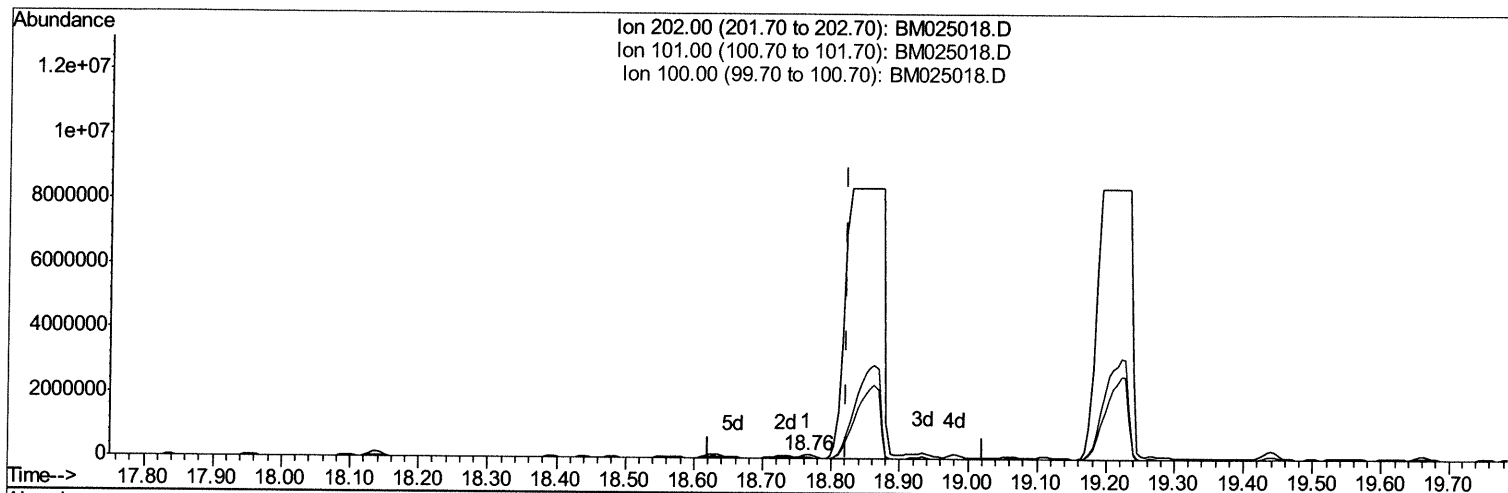
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(77) Fluoranthene (C)

18.763min (-0.059) 1.00ng/ul

response 113327

Ion	Exp%	Act%
202.00	100	100
101.00	7.60	33.47#
100.00	6.00	14.91#
0.00	0.00	0.00

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

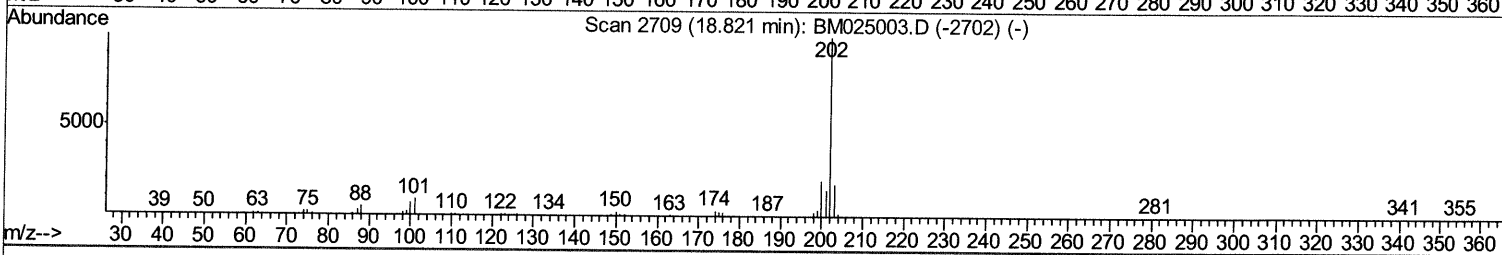
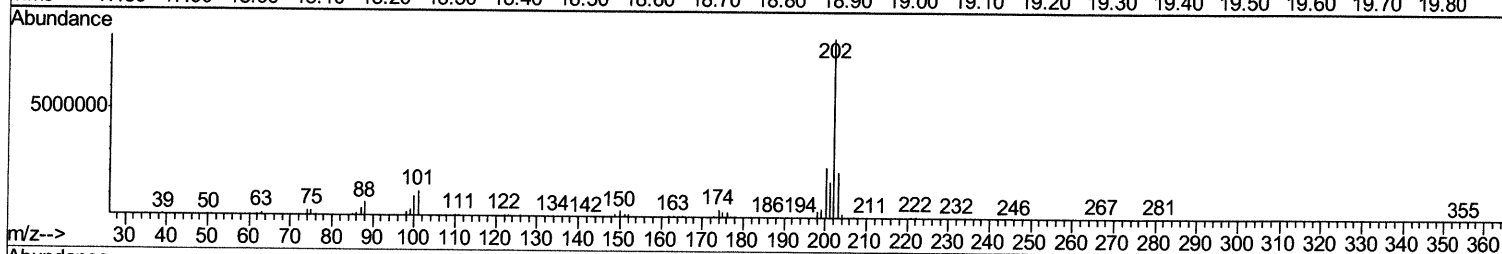
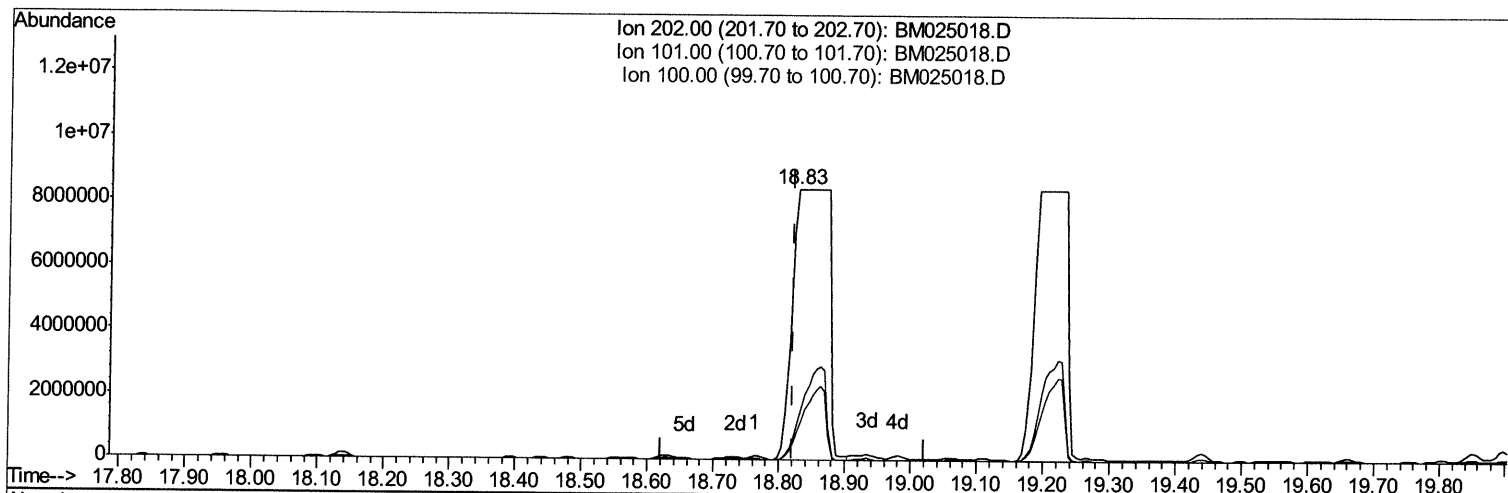
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Sample : L1507-16
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
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Manual Integrations
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TIC: BM025018.D

(77) Fluoranthene (C)

18.827min (+0.006) 279.49ng/ul m JU 02/25/20

response 31681010

Ion	Exp%	Act%
202.00	100	100
101.00	7.60	14.05#
100.00	6.00	10.81#
0.00	0.00	0.00

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

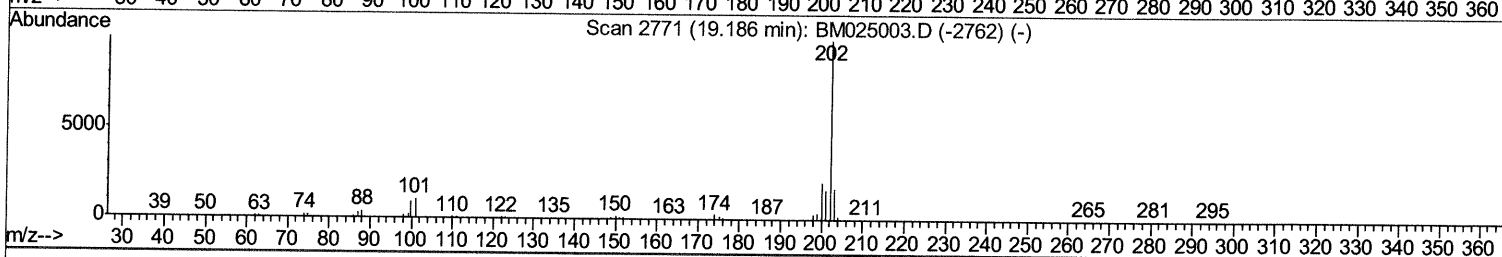
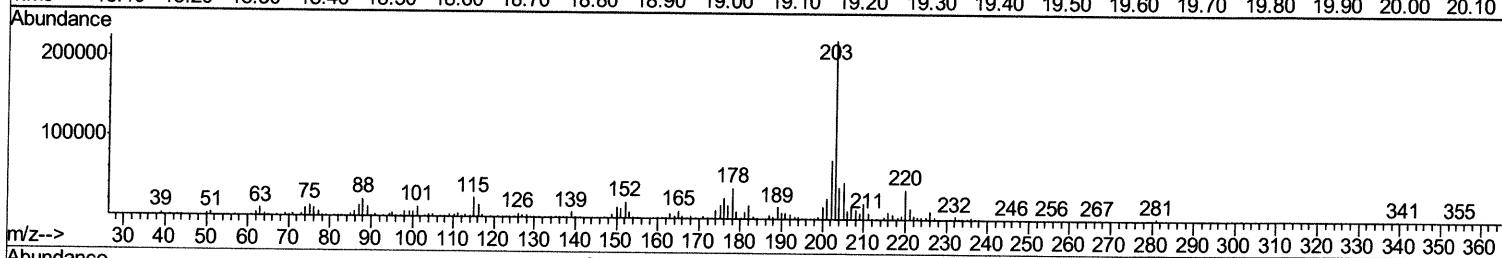
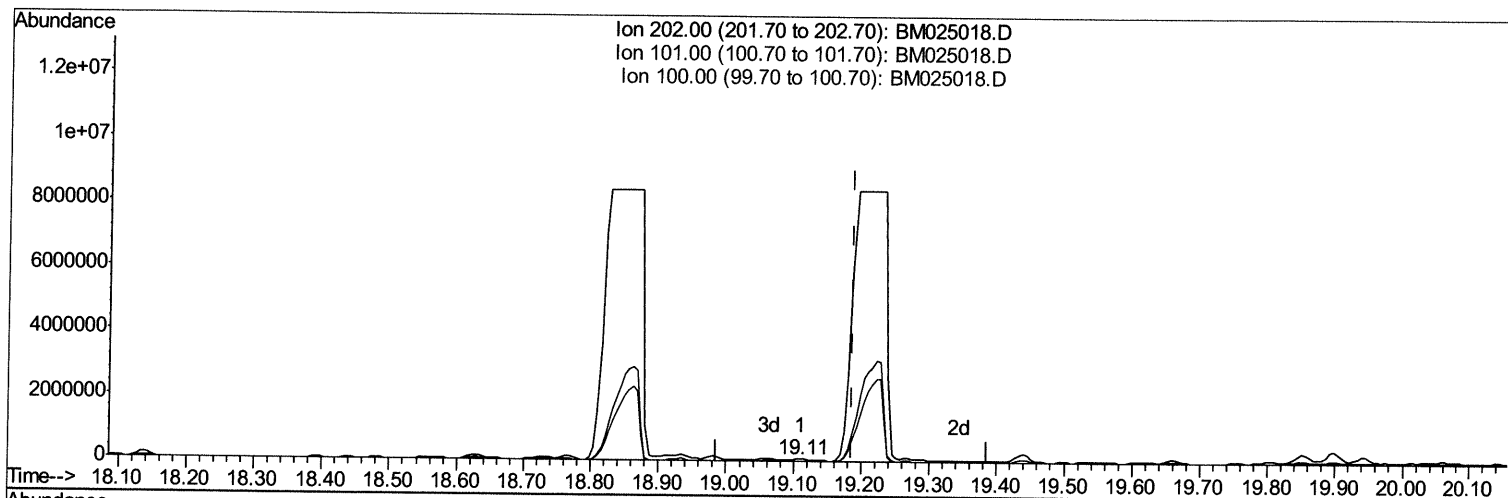
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Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
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(80) Pyrene

19.110min (-0.076) 0.80ng/ul

response 107808

Ion	Exp%	Act%
202.00	100	100
101.00	8.70	17.35#
100.00	7.30	7.82
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM022120\
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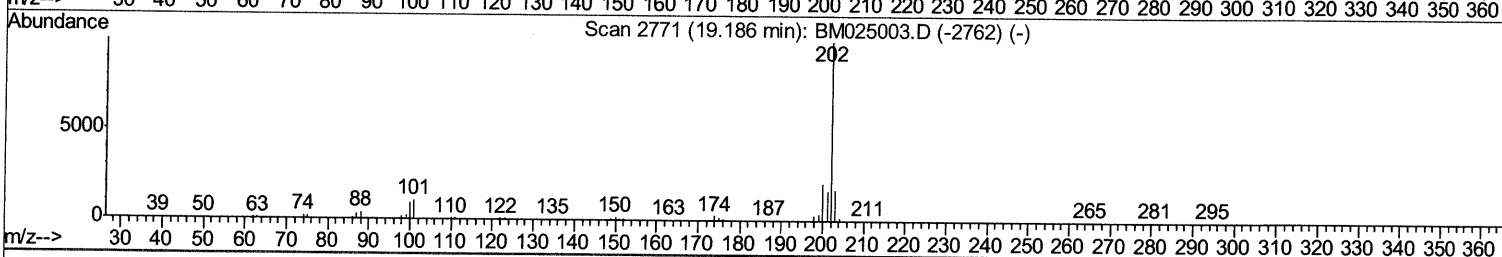
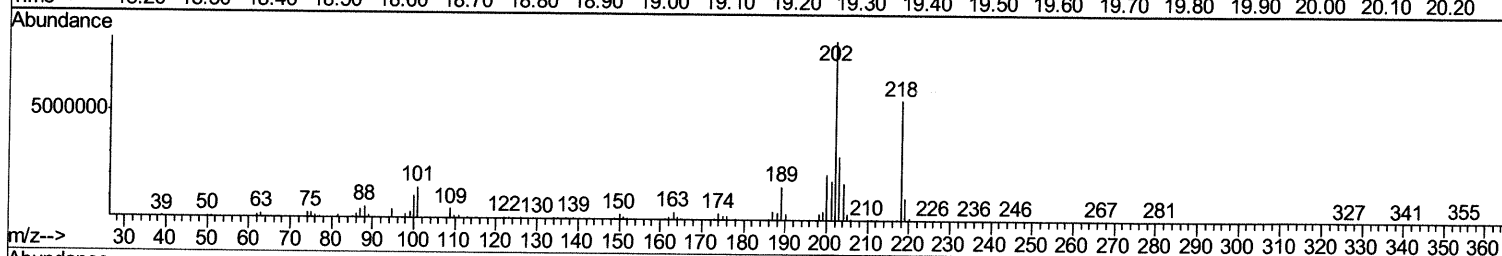
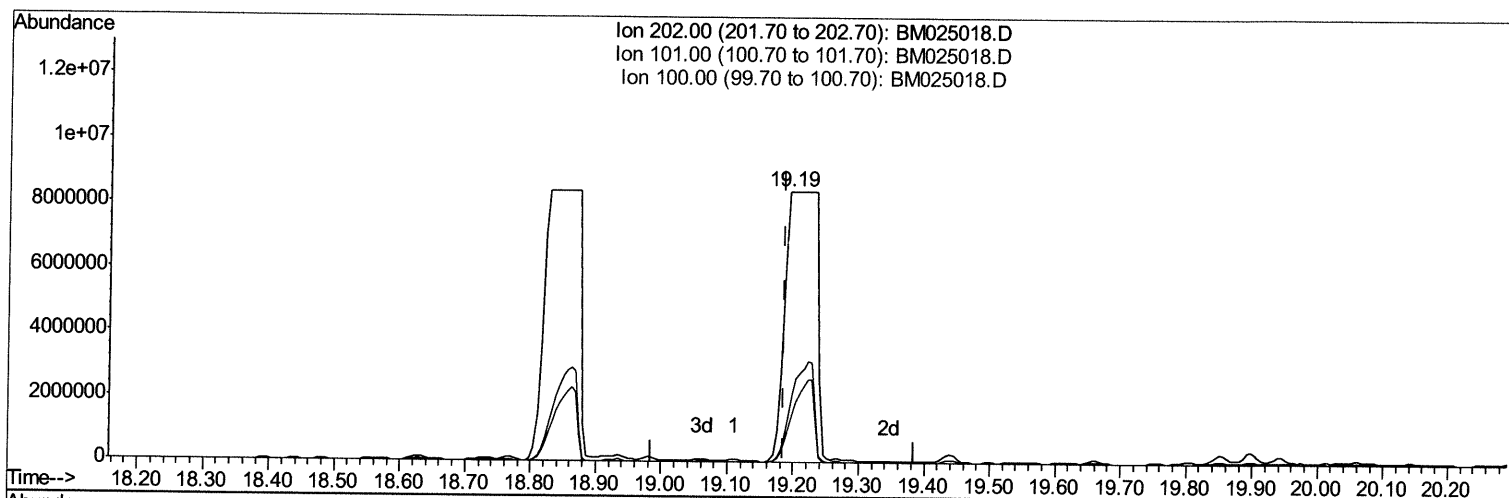
Data File : BM025018.D
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Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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Manual Integrations
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TIC: BM025018.D

(80) Pyrene

19.192min (+0.006) 210.52ng/ul m JU 02/23/20

response 28462796

Ion	Exp%	Act%
202.00	100	100
101.00	8.70	17.21#
100.00	7.30	12.56#
0.00	0.00	0.00

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

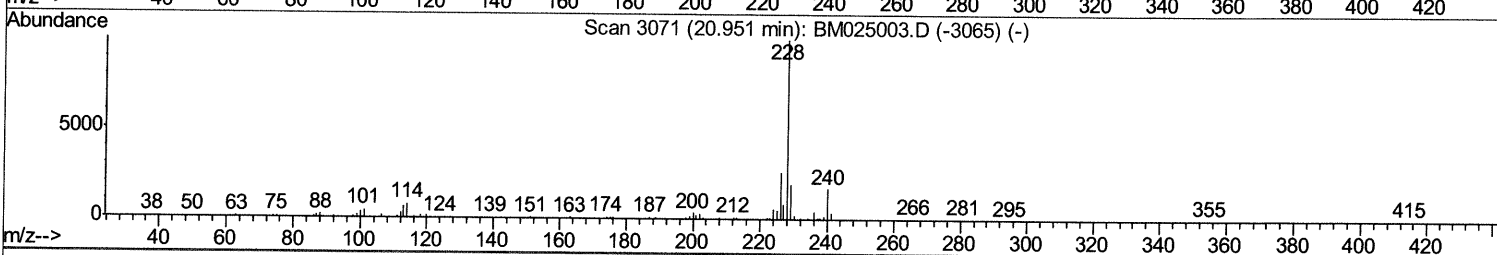
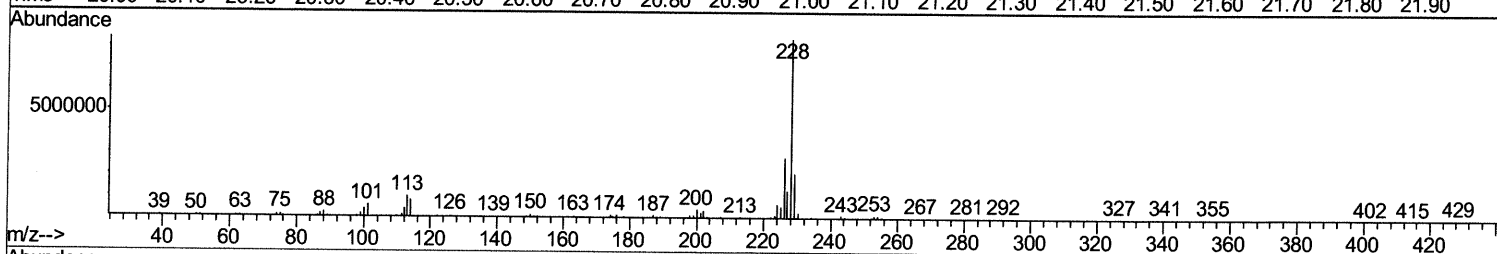
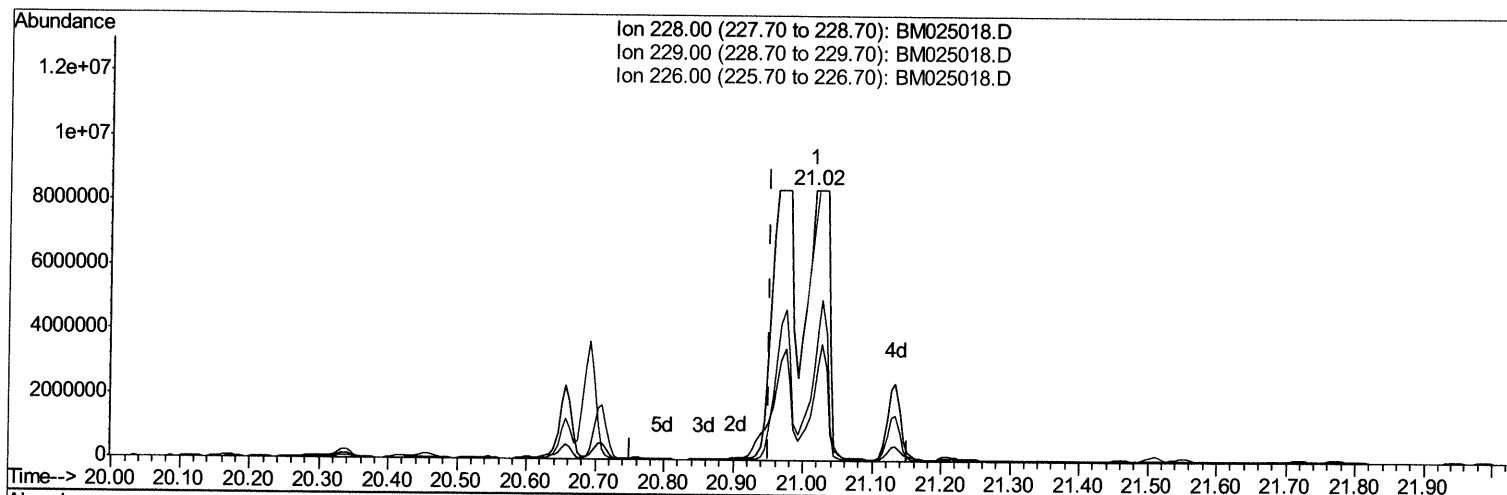
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ALS Vial : 30 Sample Multiplier: 1

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(83) Benzo(a)anthracene

21.015min (+0.065) 14.24ng/ul

response 1959269

Ion	Exp%	Act%
228.00	100	100
229.00	19.90	24.70#
226.00	26.00	33.86#
0.00	0.00	0.00

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

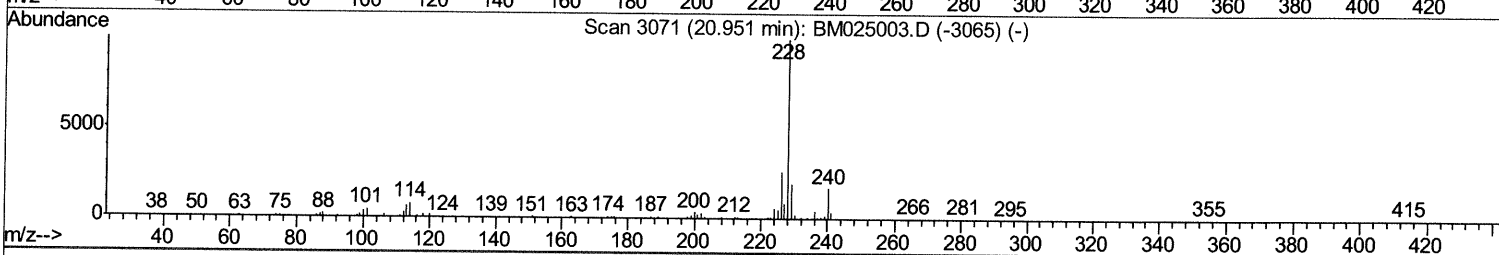
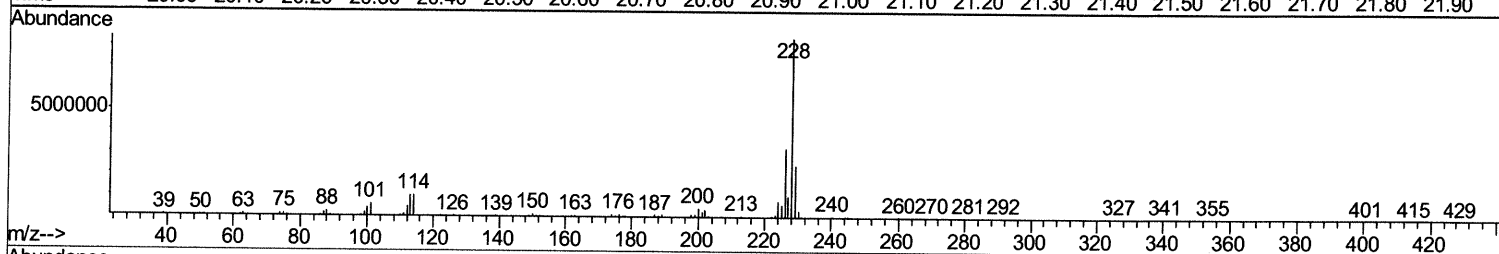
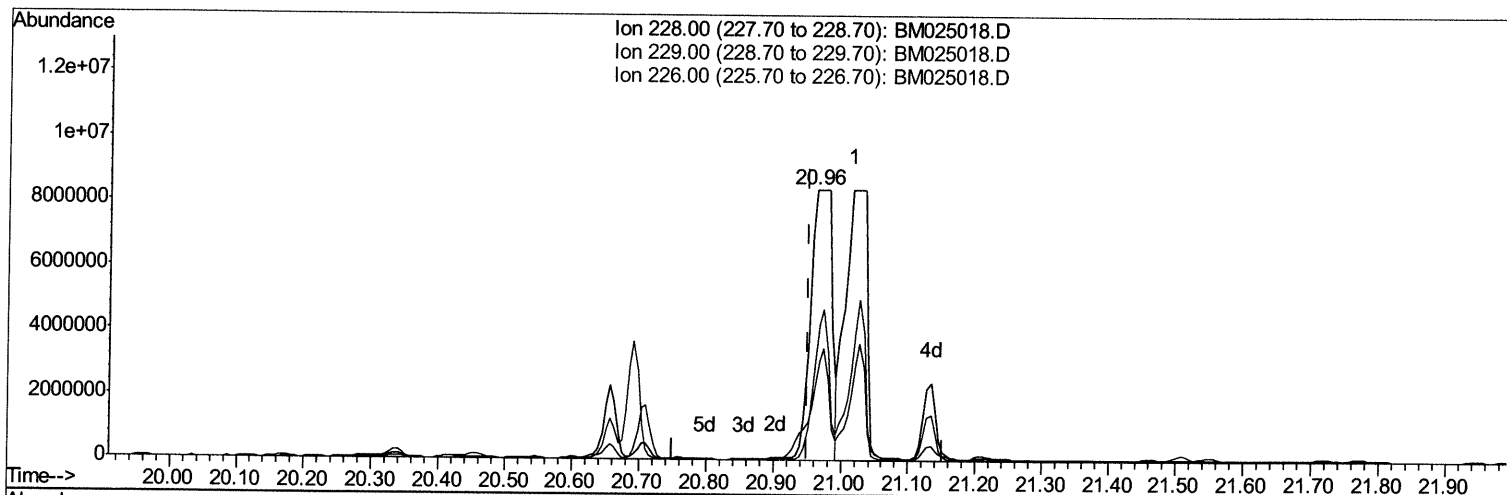
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ALS Vial : 30 Sample Multiplier: 1

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TIC: BM025018.D

(83) Benzo(a)anthracene

20.962min (+0.012) 135.52ng/ul *JU 02/25/20*

response 18645222

Ion	Exp%	Act%
228.00	100	100
229.00	19.90	28.74#
226.00	26.00	38.26#
0.00	0.00	0.00

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

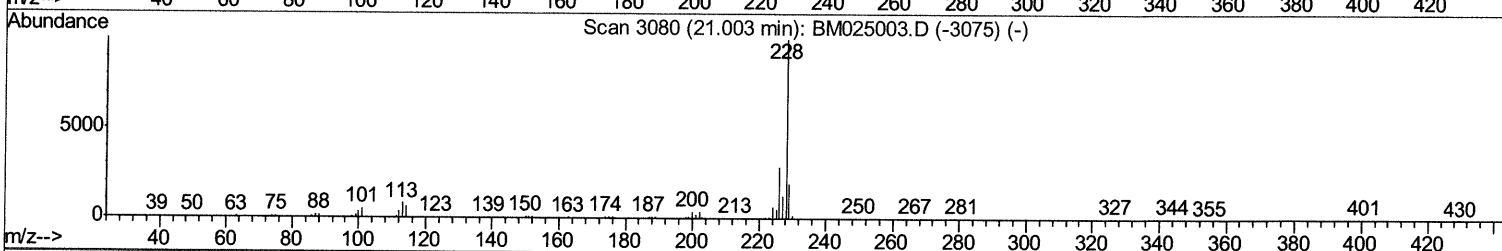
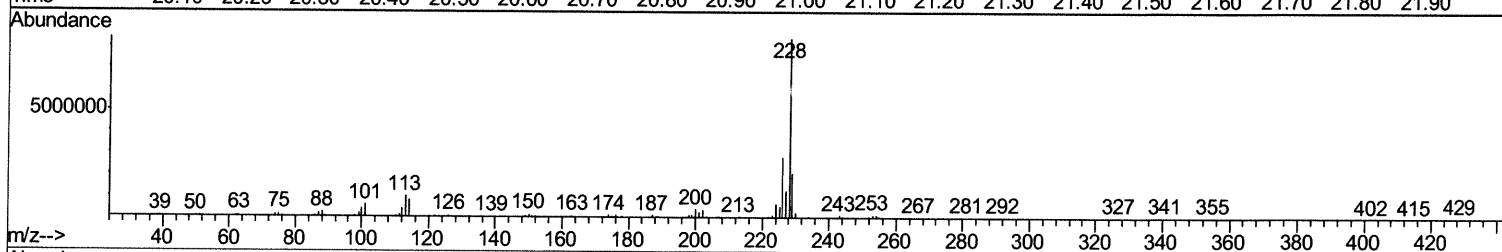
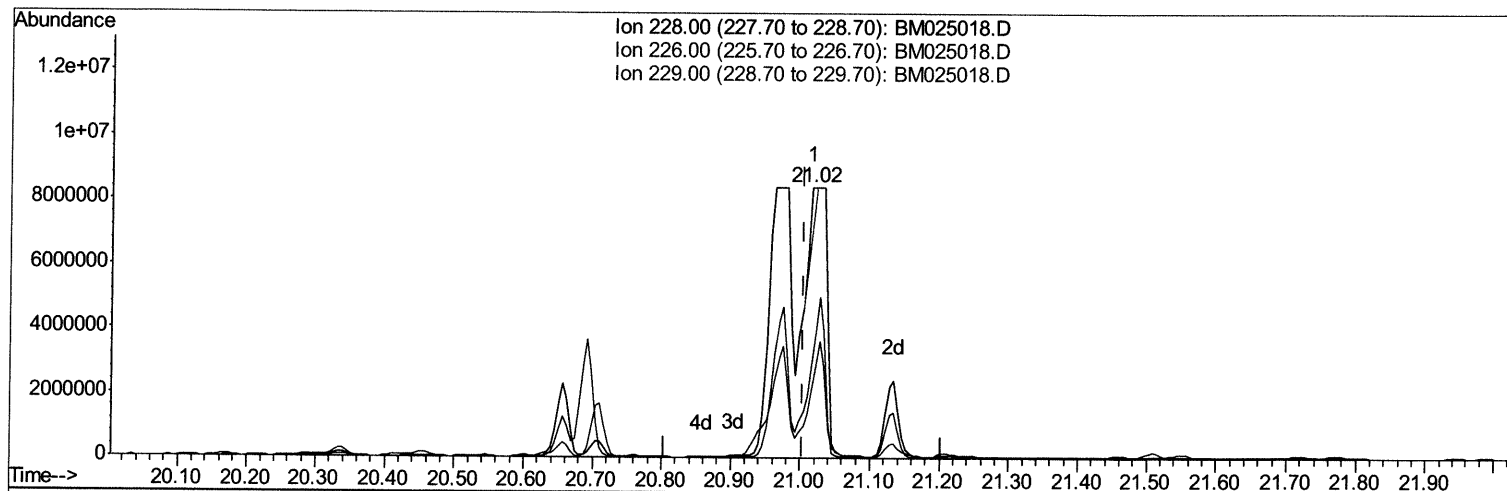
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Acq On : 22 Feb 2020 09:56
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Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
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Manual Integrations
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TIC: BM025018.D

(85) Chrysene

21.015min (+0.012) 14.46ng/ul

response 1959269

Ion	Exp%	Act%
228.00	100	100
226.00	28.70	33.86
229.00	19.80	24.70#
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM022120\
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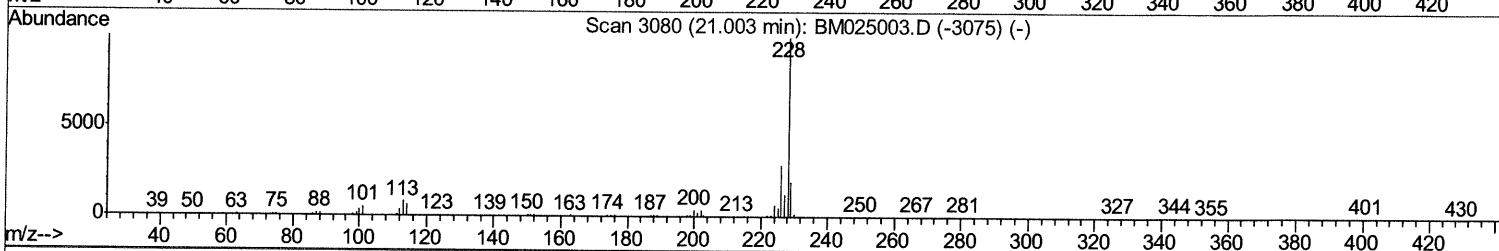
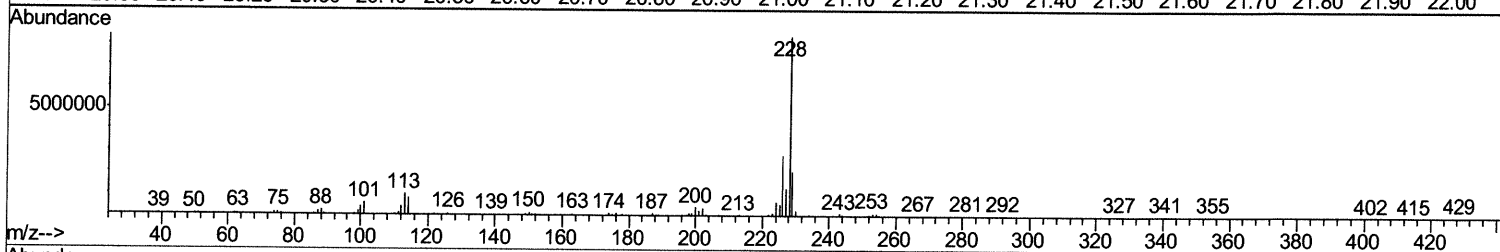
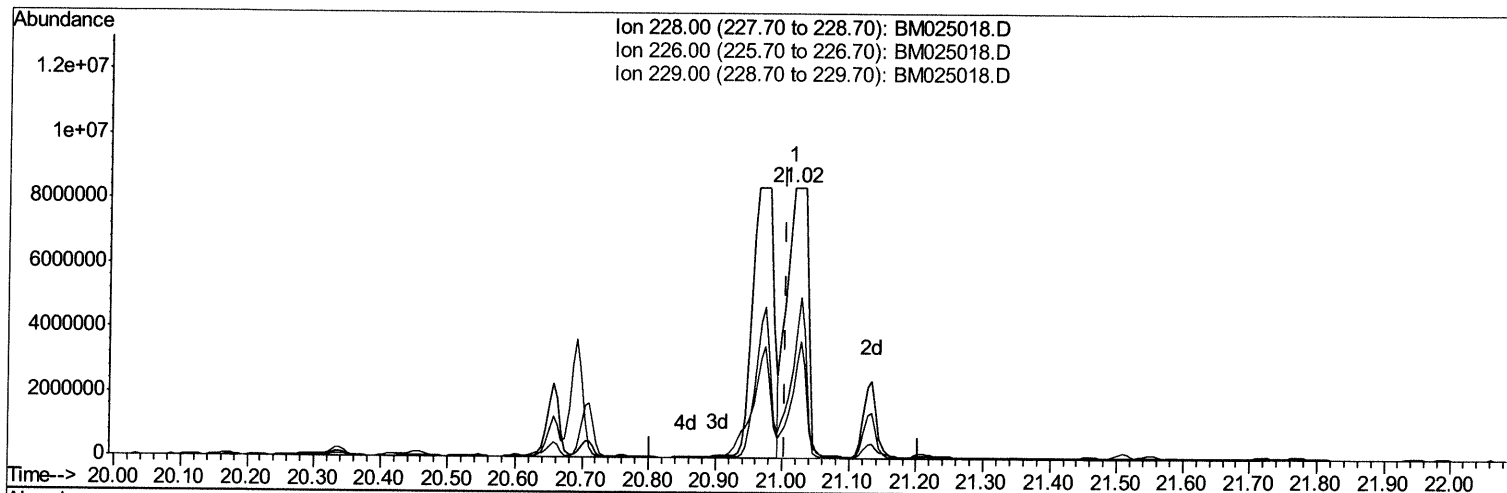
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TIC: BM025018.D

(85) Chrysene

21.015min (+0.012) 137.68ng/ul m *TU 02/25/20*

response 18649362

Ion	Exp%	Act%
228.00	100	100
226.00	28.70	33.86
229.00	19.80	24.70#
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM022120\
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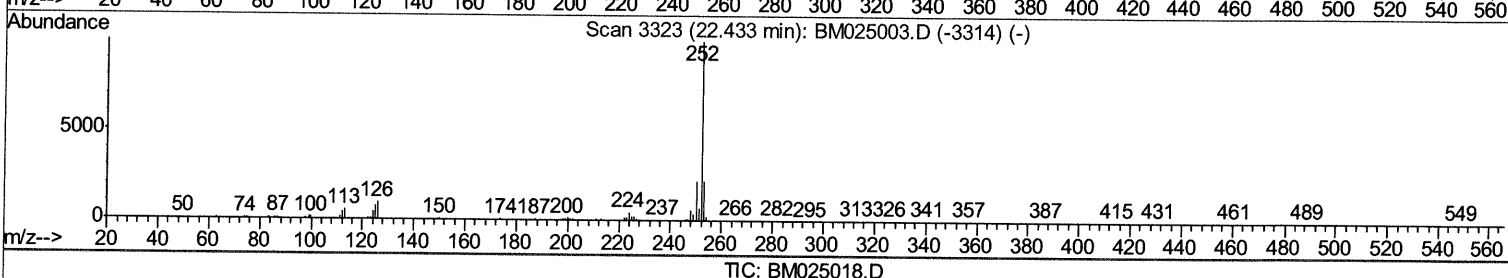
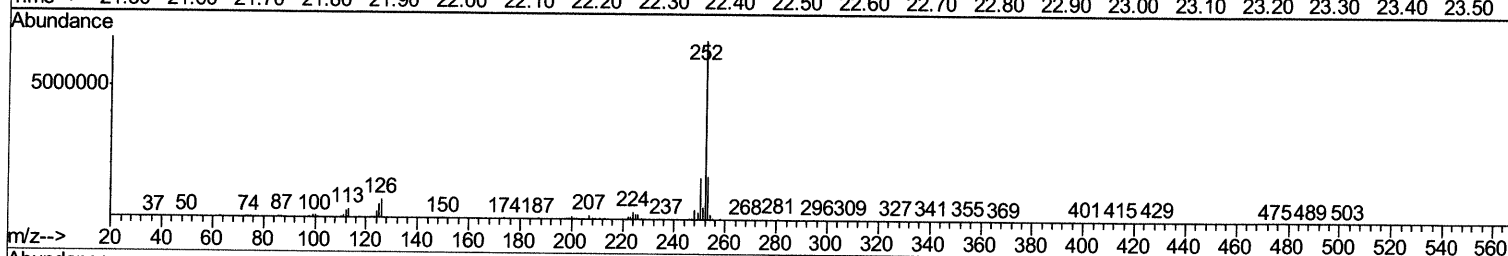
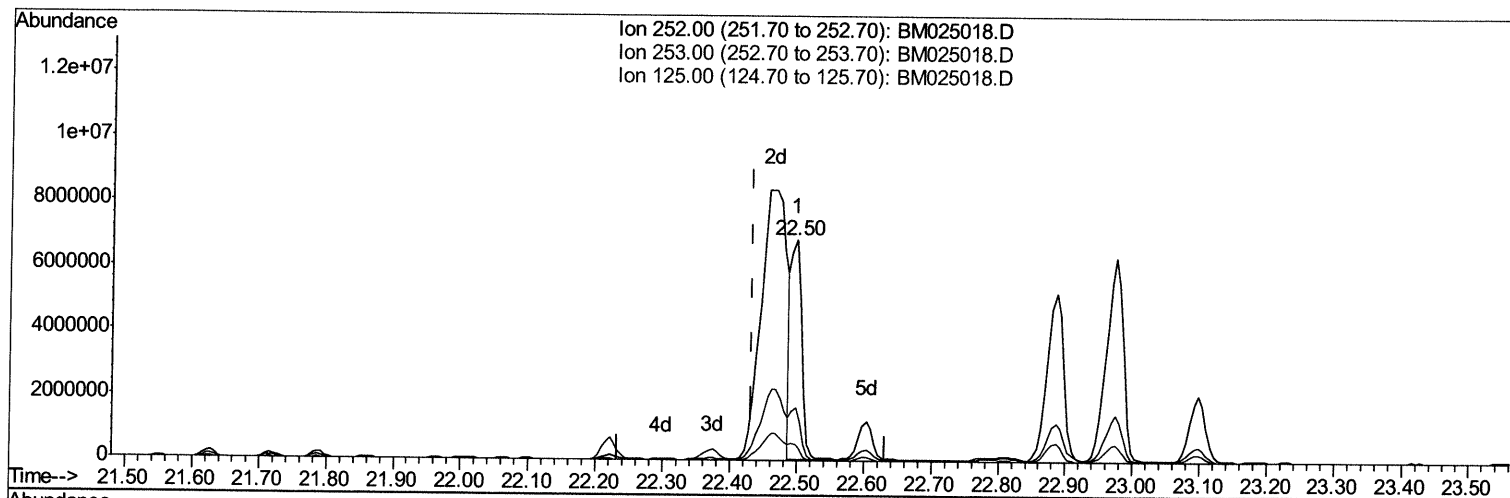
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(88) Benzo(b)fluoranthene

22.498min (+0.065) 49.42ng/ul

response 7301174

Ion	Exp%	Act%
252.00	100	100
253.00	21.60	23.77
125.00	6.40	7.46
0.00	0.00	0.00

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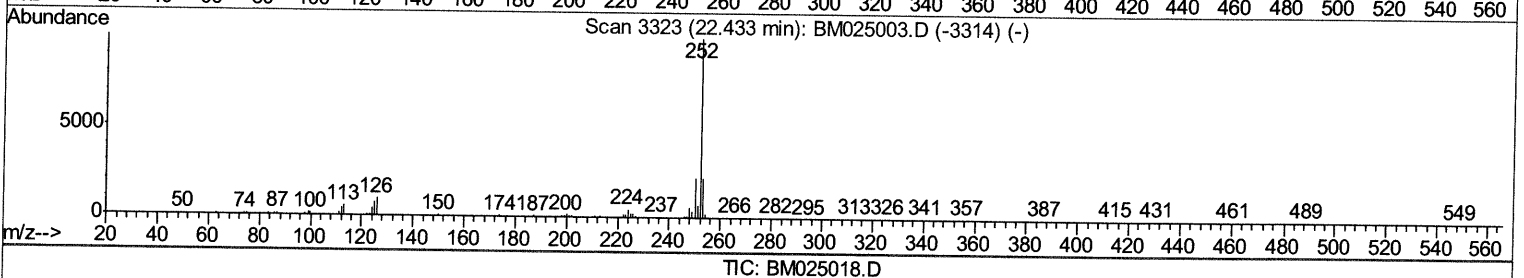
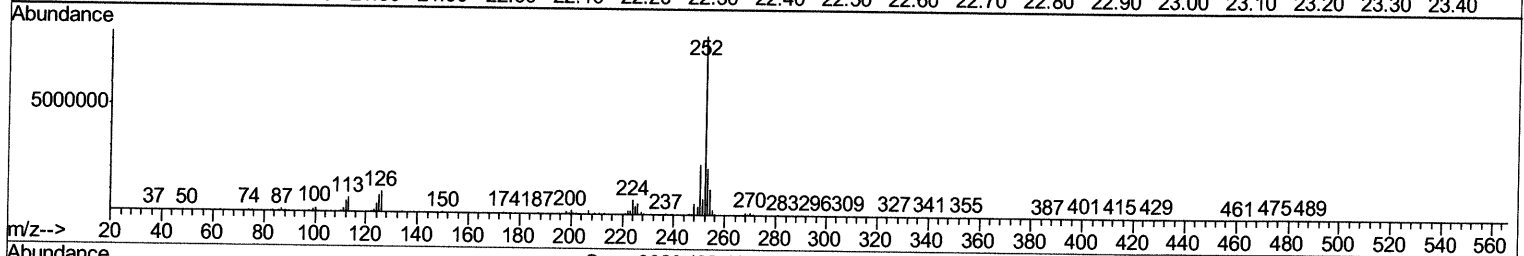
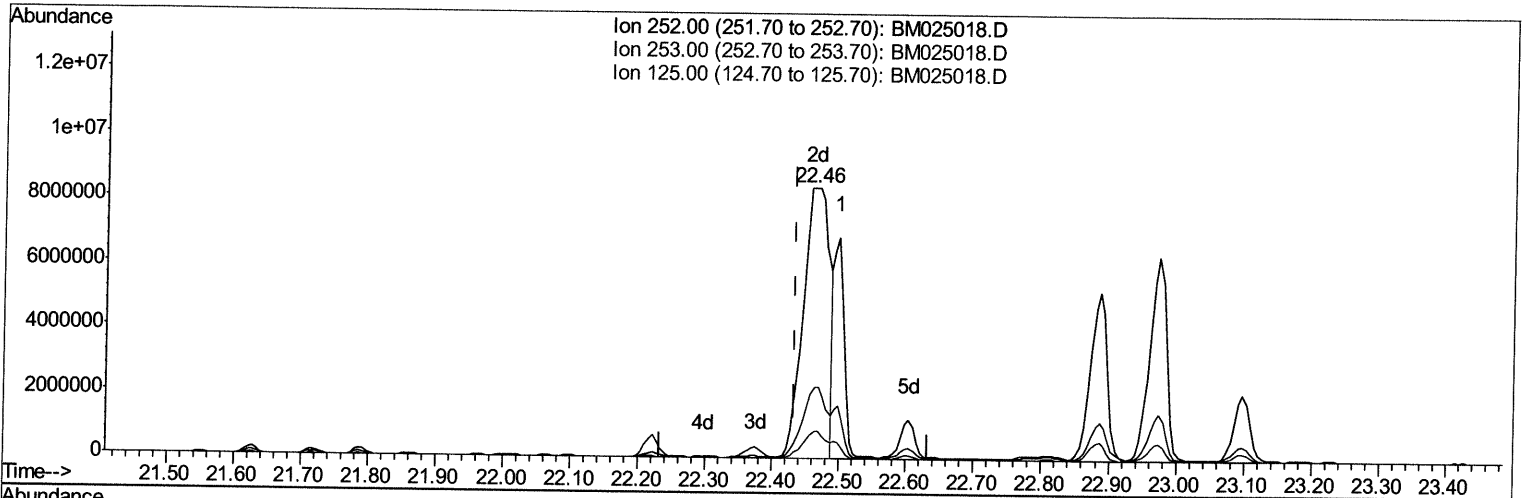
Data File : BM025018.D
Acq On : 22 Feb 2020 09:56
Operator : CG/JU
Sample : L1507-16
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DBD14

Manual Integrations
APPROVED

mohammad
2/24/2020 3:38:52 PM

Quant Time: Feb 24 03:37:54 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM020620MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Feb 24 03:25:45 2020
Response via : Initial Calibration



(88) Benzo(b)fluoranthene

22.462min (+0.030) 152.40ng/ul m JU 02/23/20

response 22512748

Ion	Exp%	Act%
252.00	100	100
253.00	21.60	26.21#
125.00	6.40	9.90#
0.00	0.00	0.00

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

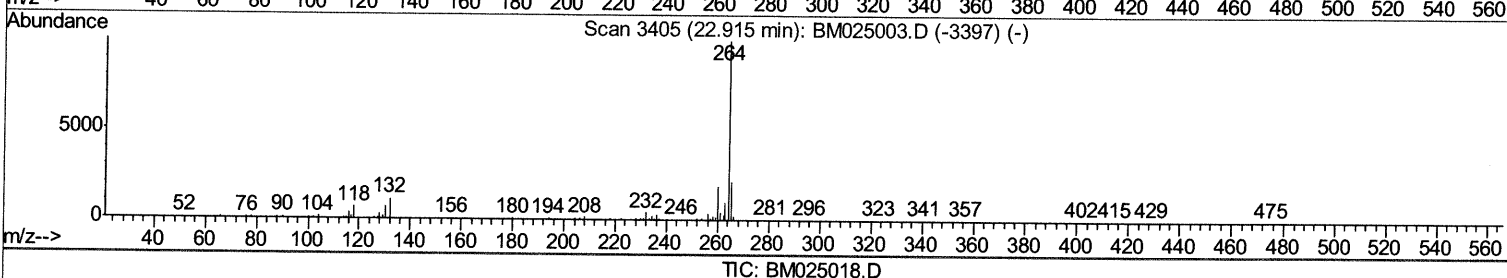
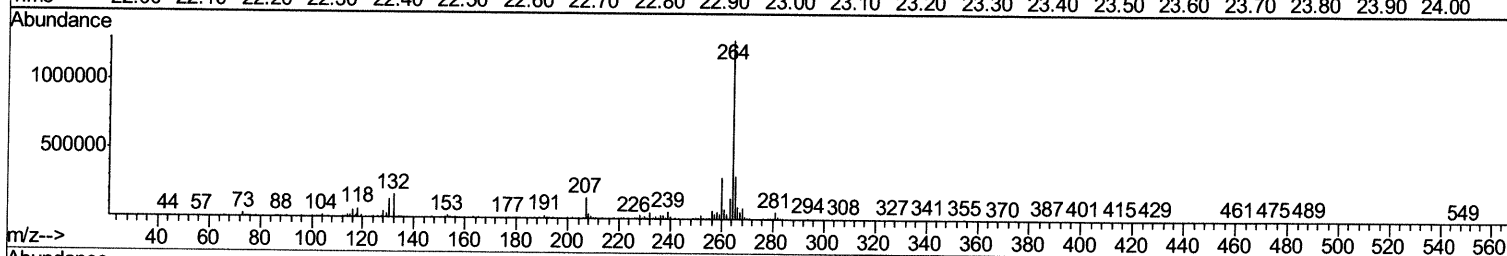
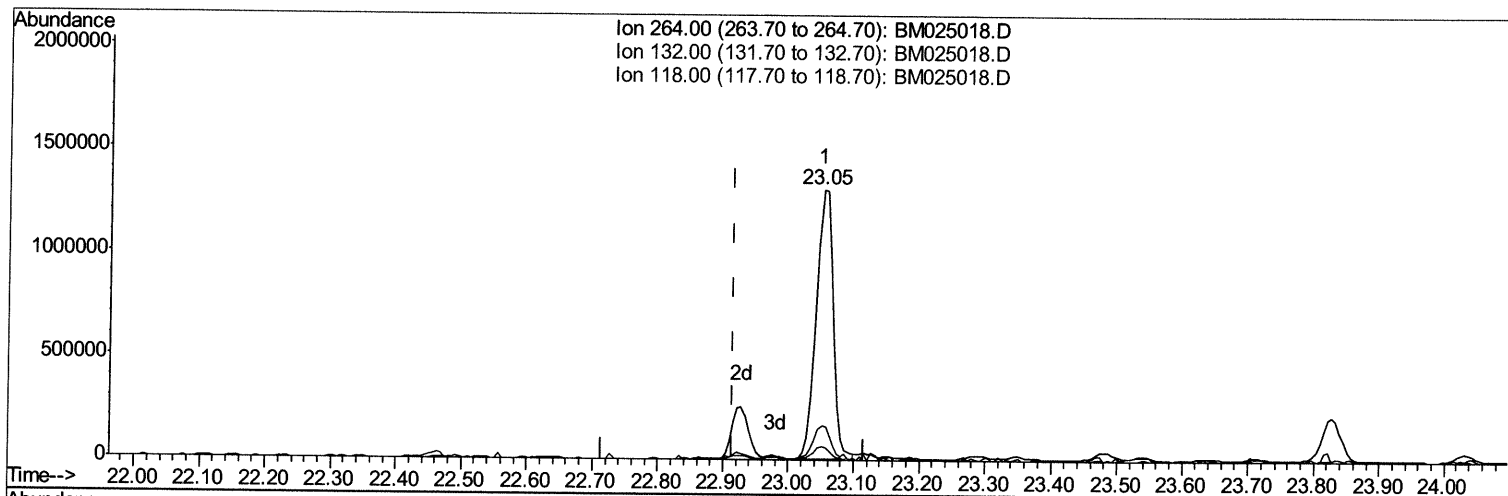
Data File : BM025018.D
Acq On : 22 Feb 2020 09:56
Operator : CG/JU
Sample : L1507-16
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DBD14

Manual Integrations
APPROVED

mohammad
2/24/2020 3:38:52 PM

Quant Time: Feb 24 03:37:54 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM020620MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Feb 24 03:25:45 2020
Response via : Initial Calibration



(90) Benzo(a)pyrene-d12 (S)

23.051min (+0.135) 19.91ng/ul

response 2323141

Ion	Exp%	Act%
264.00	100	100
132.00	11.00	12.80
118.00	6.20	4.97
0.00	0.00	0.00

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

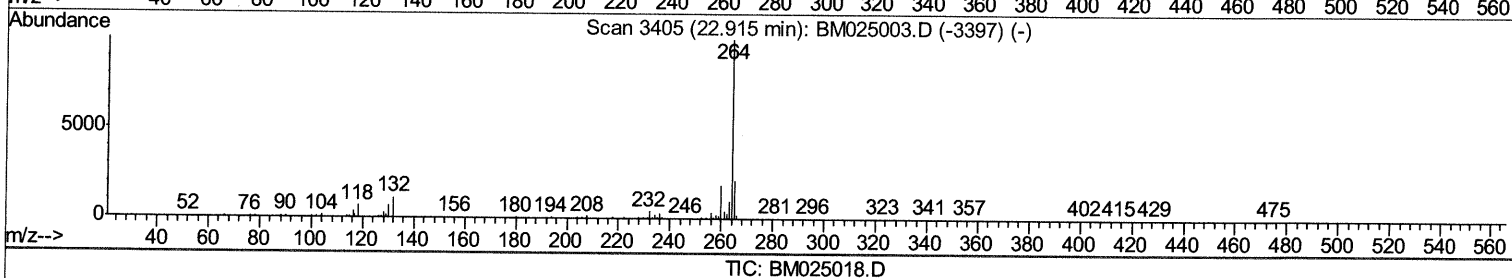
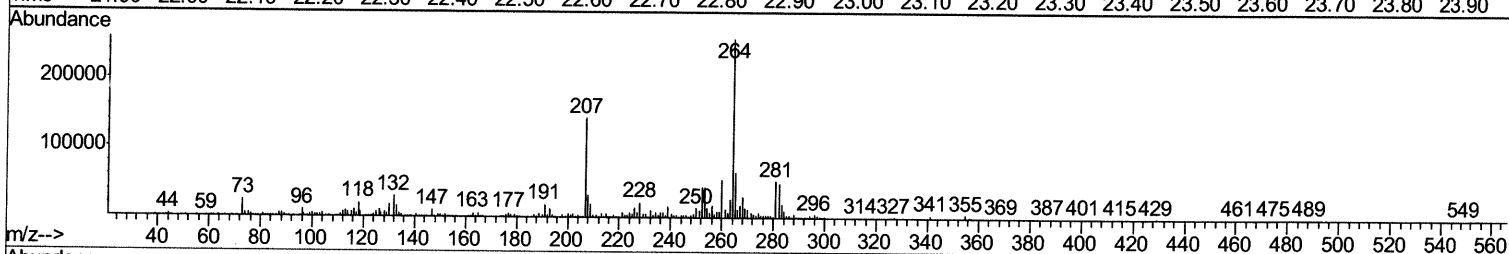
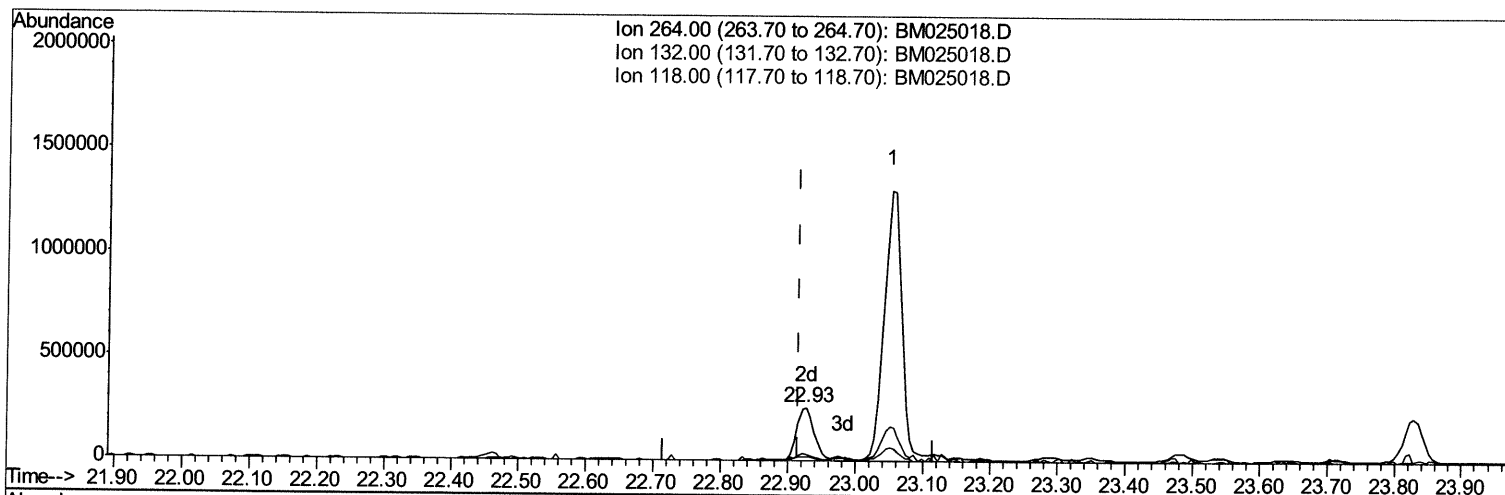
Data File : BM025018.D
Acq On : 22 Feb 2020 09:56
Operator : CG/JU
Sample : L1507-16
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DBD14

Manual Integrations
APPROVED

mohammad
2/24/2020 3:38:52 PM

Quant Time: Feb 24 03:37:54 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM020620MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Feb 24 03:25:45 2020
Response via : Initial Calibration



(90) Benzo(a)pyrene-d12 (S)

22.927min (+0.012) 3.94ng/ul m *JU 02/25/20*

response 459656

Ion	Exp%	Act%
264.00	100	100
132.00	11.00	11.64
118.00	6.20	8.01#
0.00	0.00	0.00

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

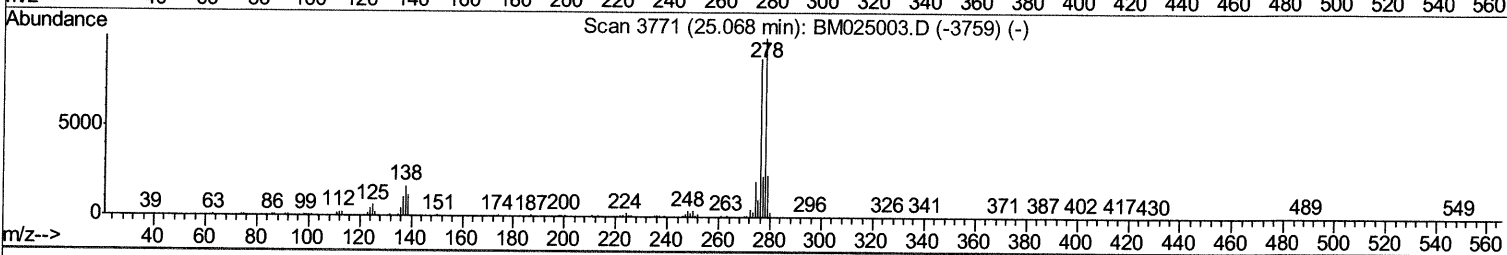
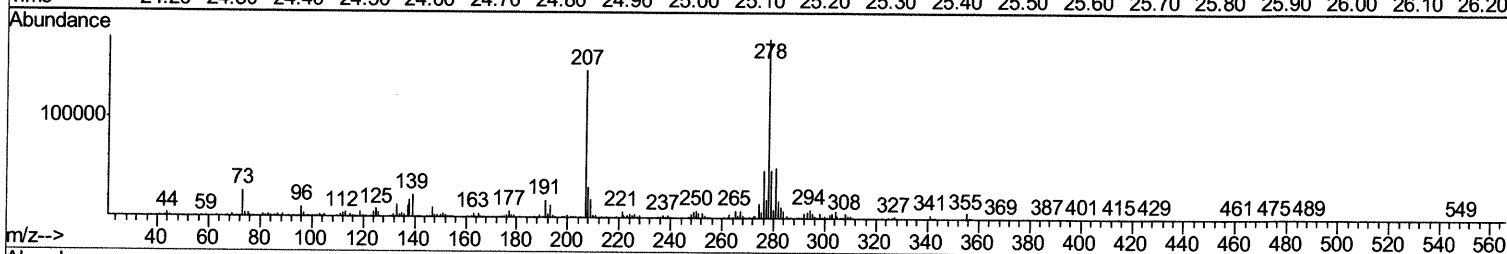
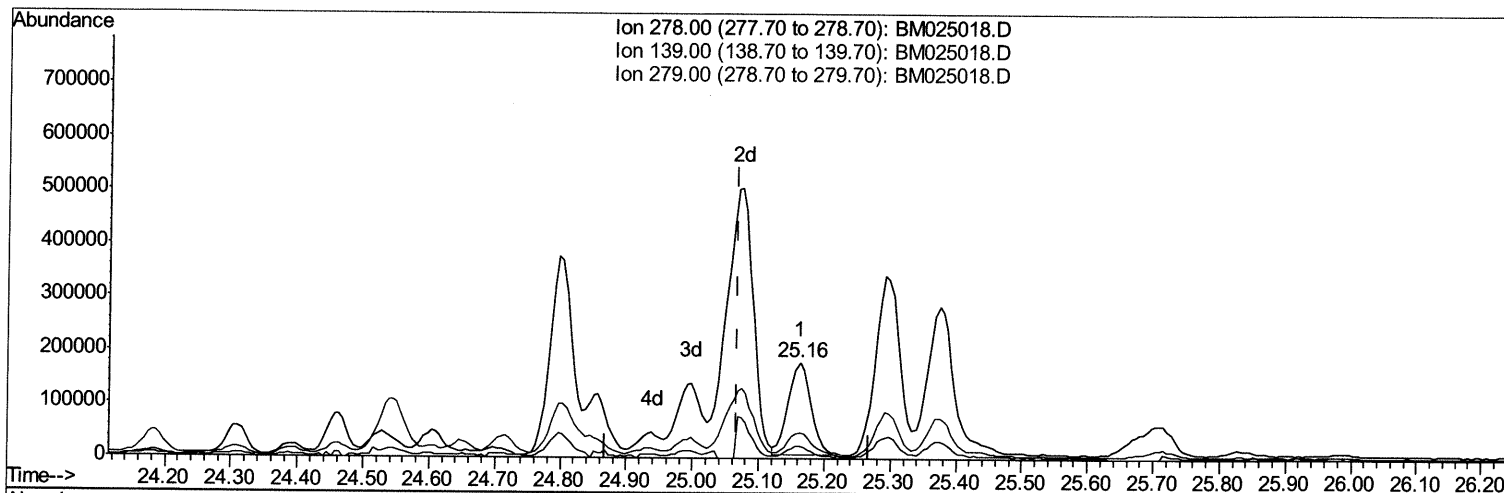
Data File : BM025018.D
Acq On : 22 Feb 2020 09:56
Operator : CG/JU
Sample : L1507-16
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DBD14

Manual Integrations
APPROVED

mohammad
2/24/2020 3:38:52 PM

Quant Time: Feb 24 03:37:54 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM020620MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Feb 24 03:25:45 2020
Response via : Initial Calibration



TIC: BM025018.D

(93) Dibenzo(a,h)anthracene

25.162min (+0.094) 2.99ng/ul

response 420148

Ion	Exp%	Act%
278.00	100	100
139.00	10.50	12.57
279.00	23.10	26.94
0.00	0.00	0.00

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

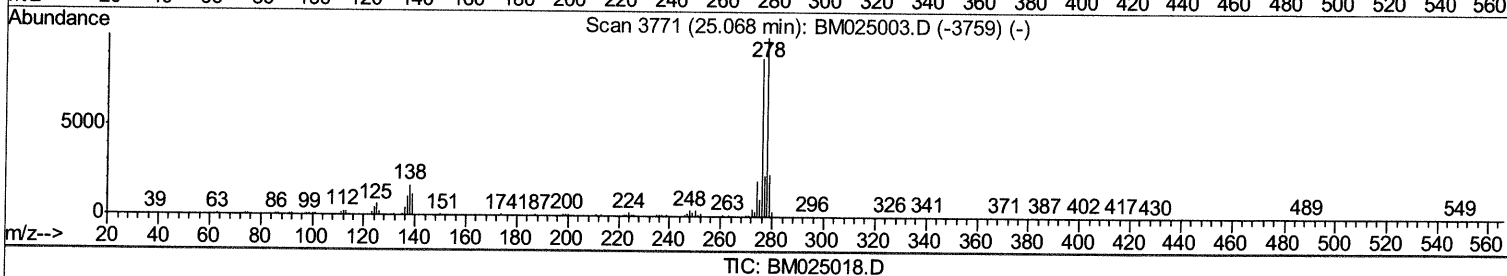
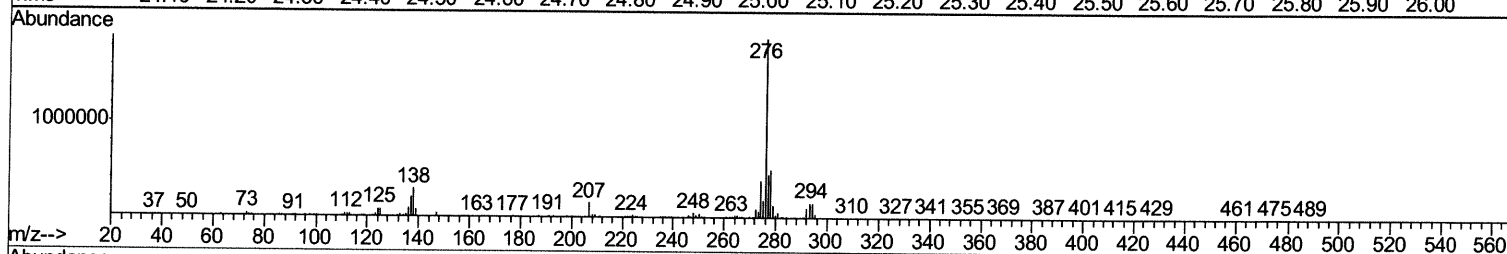
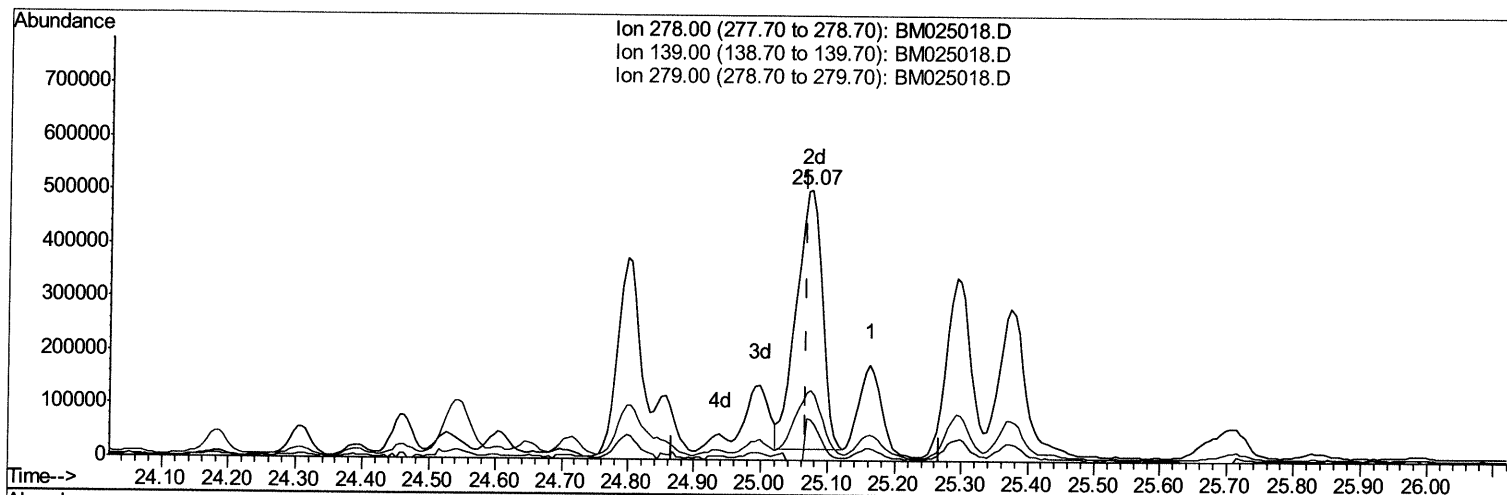
Data File : BM025018.D
Acq On : 22 Feb 2020 09:56
Operator : CG/JU
Sample : L1507-16
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DBD14

Manual Integrations
APPROVED

mohammad
2/24/2020 3:38:52 PM

Quant Time: Feb 24 03:37:54 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM020620MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Feb 24 03:25:45 2020
Response via : Initial Calibration



(93) Dibenzo(a,h)anthracene

25.074min (+0.006) 9.23ng/ul m *JU02/25/20*

response 1296953

Ion	Exp%	Act%
278.00	100	100
139.00	10.50	15.23#
279.00	23.10	25.84
0.00	0.00	0.00

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

Data File : BM025018.D
Acq On : 22 Feb 2020 09:56
Operator : CG/JU
Sample : L1507-16
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DBD14

Manual Integrations
APPROVED

mohammad
2/24/2020 3:38:52 PM

Quant Time: Feb 24 04:55:34 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM020620MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Feb 24 03:25:45 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.33	152	211316	20.00	ng/ul	0.00
18) Naphthalene-d8	10.09	136	900612	20.00	ng/ul	0.00
36) Acenaphthene-d10	13.99	164	682490	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.75	188	1693466	20.00	ng/ul	0.00
78) Chrysene-d12	20.99	240	2042506	20.00	ng/ul	0.02
86) Perylene-d12	23.05	264	2323141	20.00	ng/ul	0.01

System Monitoring Compounds

3) 1,4-Dioxane-d8	2.95	96	3086	0.70	ng/uL	0.01	
5) Phenol-d5	6.54	99	47792	3.40	ng/ul	0.00	
7) Bis-(2-Chloroethyl)ether-d	6.69	67	32154	4.06	ng/ul	0.00	
9) 2-Chlorophenol-d4	6.88	132	41515m >	3.30	ng/ul >	0.00	JU 02/25/20
13) 4-Methylphenol-d8	8.06	113	34302	2.90	ng/ul	0.00	
19) Nitrobenzene-d5	8.48	128	19234	2.95	ng/ul	0.00	
22) 2-Nitrophenol-d4	9.19	143	21389	2.78	ng/ul	0.00	
26) 2,4-Dichlorophenol-d3	9.74	165	42068	2.71	ng/ul	0.01	
29) 4-Chloroaniline-d4	10.25	131	27167	1.87	ng/ul	0.01	
44) Dimethylphthalate-d6	13.42	166	184964	3.59	ng/ul	0.00	
47) Acenaphthylene-d8	13.67	160	211536	3.52	ng/ul	0.00	
52) 4-Nitrophenol-d4	14.25	143	11150m >	1.33	ng/ul >	0.02	JU 02/25/20
58) Fluorene-d10	15.00	176	179408	3.93	ng/ul	0.00	
63) 4,6-Dinitro-2-methylphenol	15.14	200	23094	2.09	ng/ul	0.00	
71) Anthracene-d10	16.85	188	308287	3.99	ng/ul	0.00	
79) Pyrene-d10	19.17	212	388230	3.80	ng/ul	0.01	
90) Benzo(a)pyrene-d12	22.93	264	459656m	3.94	ng/ul	0.01	

Target Compounds

						Qvalue	
14) Acetophenone	8.16	105	26996	1.446	ng/ul	99	
48) Acenaphthylene	13.70	152	500528	8.032	ng/ul	96	
50) Acenaphthene	14.06	153	4272226	101.512	ng/ul	98	
59) Fluorene	15.05	166	301825	5.838	ng/ul#	98	
70) Phenanthrene	16.79	178	2108385	22.834	ng/ul	100	
72) Anthracene	16.88	178	2954122	31.546	ng/ul	99	
77) Fluoranthene	18.83	202	31681010m	279.493	ng/ul		
80) Pyrene	19.19	202	28462796m	210.525	ng/ul		
83) Benzo(a)anthracene	20.96	228	18645222m	135.521	ng/ul		JU 02/25/20
85) Chrysene	21.02	228	18649362m	137.684	ng/ul		
88) Benzo(b)fluoranthene	22.46	252	22512748m	152.397	ng/ul		
89) Benzo(k)fluoranthene	22.50	252	7398928	52.036	ng/ul	96	
91) Benzo(a)pyrene	22.97	252	10869256	82.069	ng/ul#	97	
92) Indeno(1,2,3-cd)pyrene	25.07	276	4799182	29.107	ng/ul	99	
93) Dibenzo(a,h)anthracene	25.07	278	1296953m >	9.232	ng/ul >		JU 02/25/20
94) Benzo(g,h,i)perylene	25.68	276	3281875	23.932	ng/ul	99	

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