

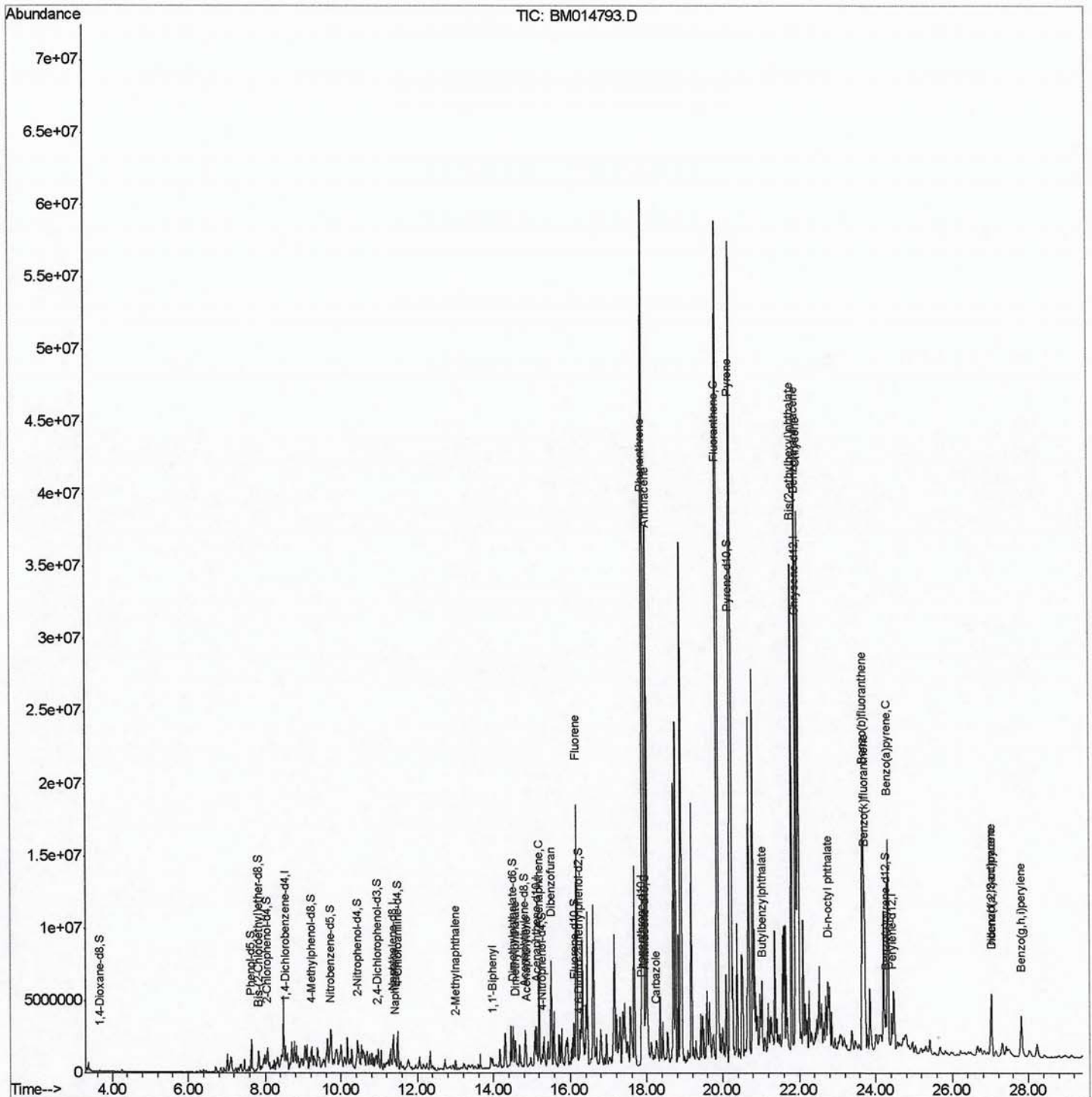
Data Path : Z:\HPCHEM1\BNA M\DATA\BM042318\
Data File : BM014793.D
Acq On : 24 Apr 2018 01:29
Operator : SJ/JU
Sample : J2431-12
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DASP3

Manual Integrations
APPROVED

Sohil
4/24/2018 7:13:35 PM

Quant Time: Apr 24 04:12:17 2018
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM041918.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Apr 24 02:13:13 2018
Response via : Initial Calibration



Quantitation Report (Qedit)

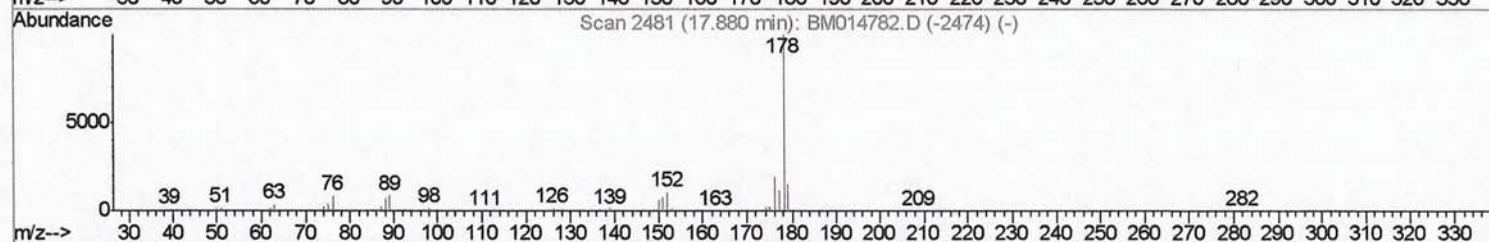
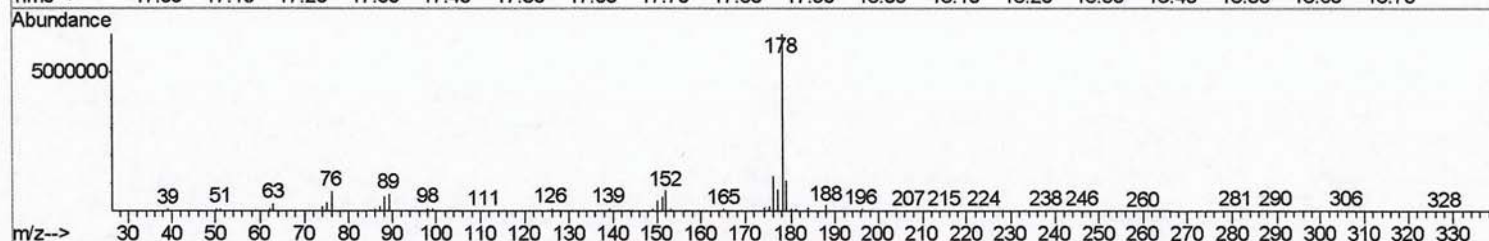
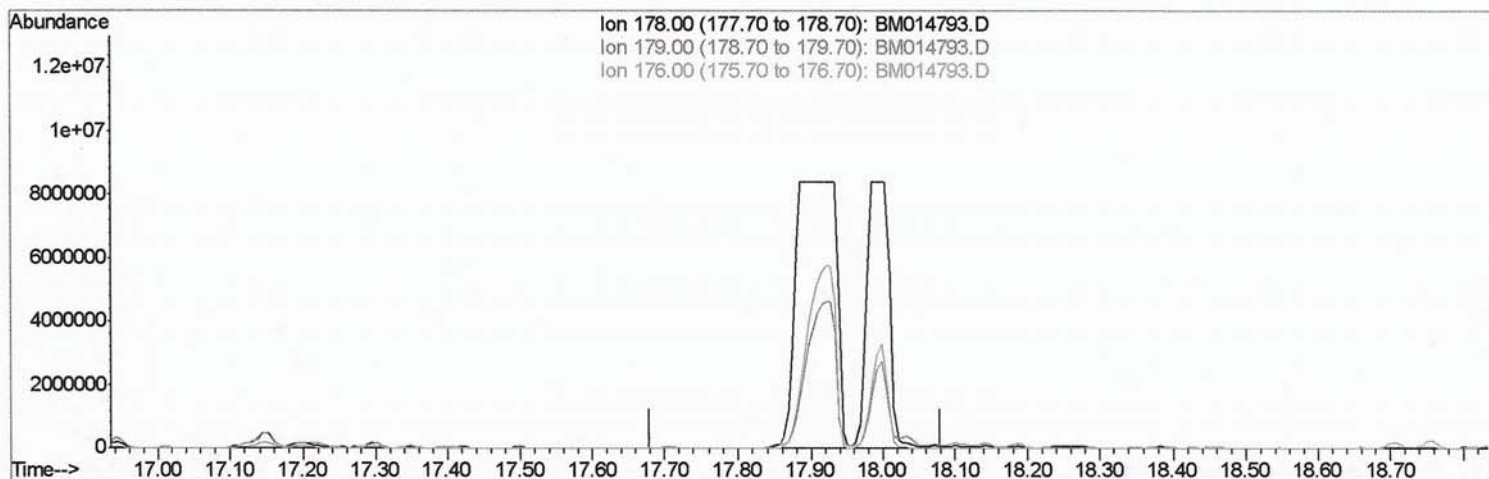
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Sohil
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Quant Time: Apr 24 04:05:24 2018
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TIC: BM014793.D

(69) Phenanthrene

17.880min (-17.880) 0.00ng/ul

response 0

Ion	Exp%	Act%
178.00	100	0.00
179.00	15.80	0.00#
176.00	18.60	0.00#
0.00	0.00	0.00

Quantitation Report (Qedit)

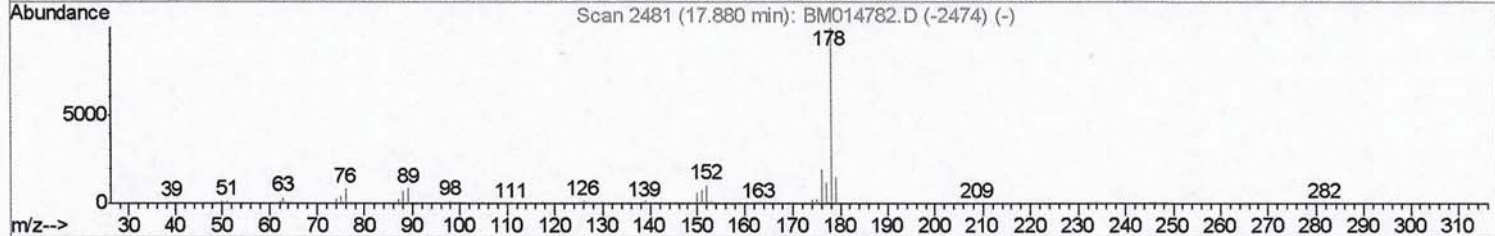
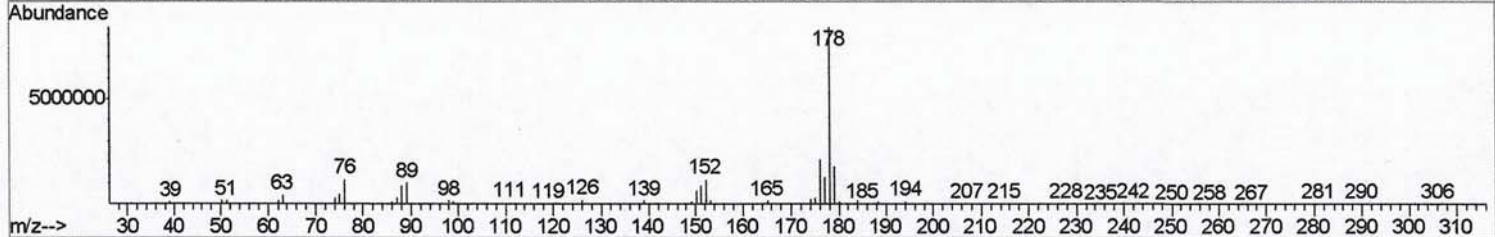
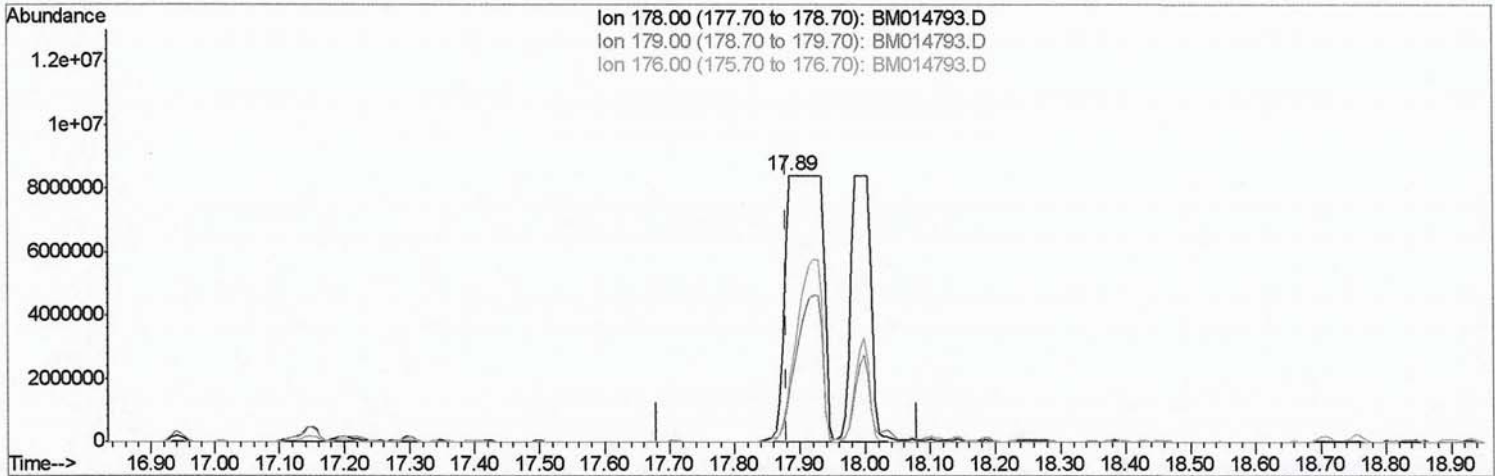
Data Path : Z:\HPCHEM1\BNA M\DATA\BM042318\
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TIC: BM014793.D

(69) Phenanthrene

17.886min (+0.006) 327.77ng/ul m } SJ 4/24/18

response 32584031

Ion	Exp%	Act%
178.00	100	100
179.00	15.80	21.45#
176.00	18.60	25.06#
0.00	0.00	0.00

Quantitation Report (Qedit)

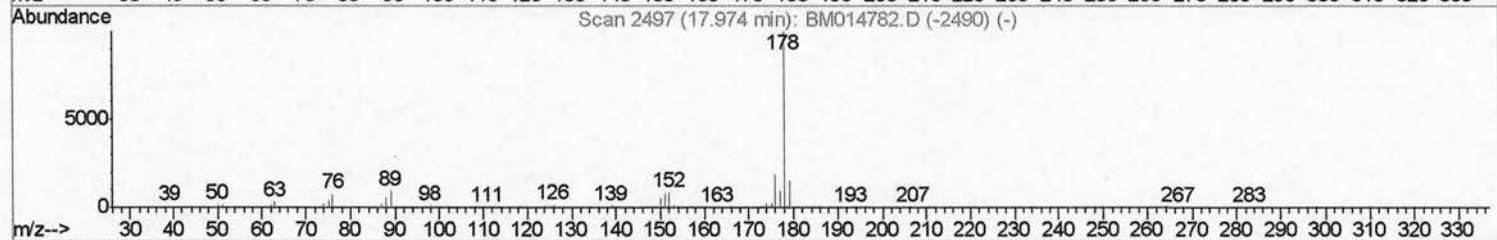
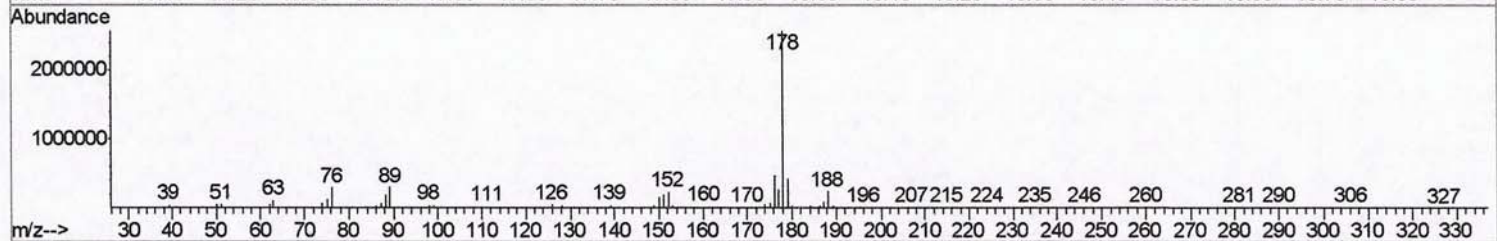
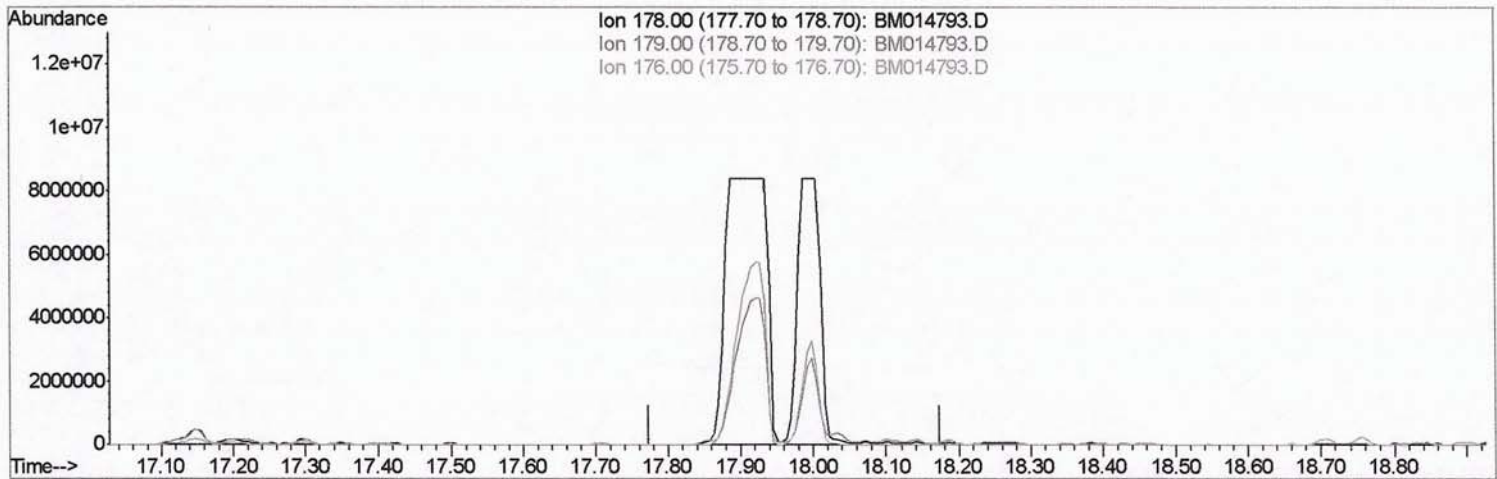
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TIC: BM014793.D

(71) Anthracene

17.974min (-17.974) 0.00ng/ul

response 0

Ion	Exp%	Act%
178.00	100	0.00
179.00	14.60	0.00#
176.00	18.20	0.00#
0.00	0.00	0.00

Quantitation Report (Qedit)

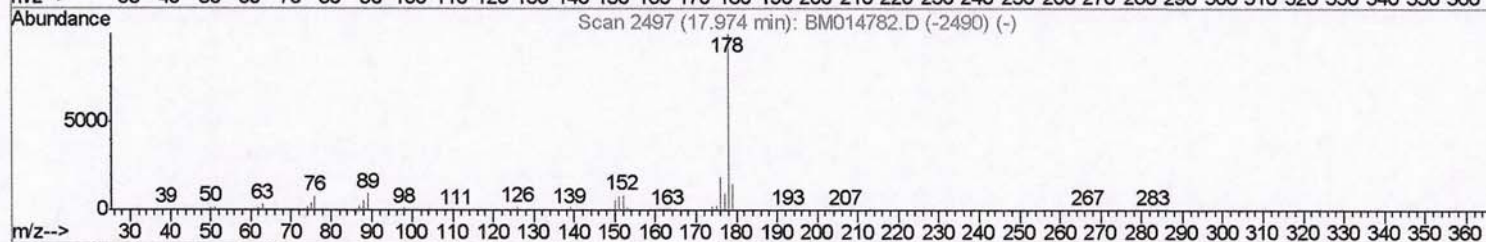
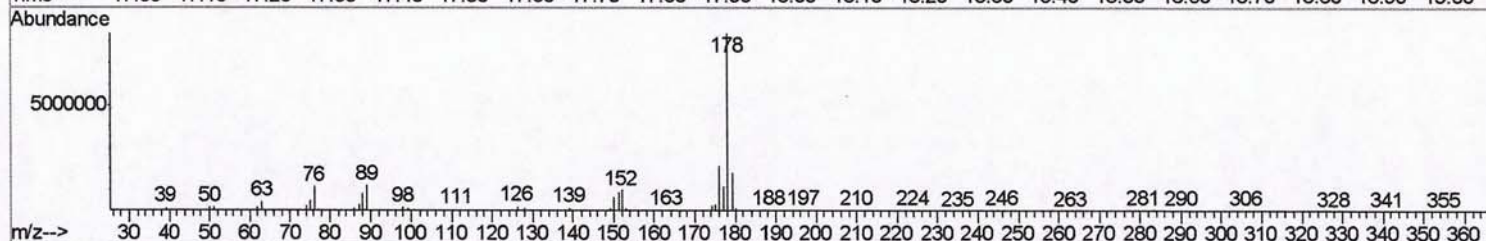
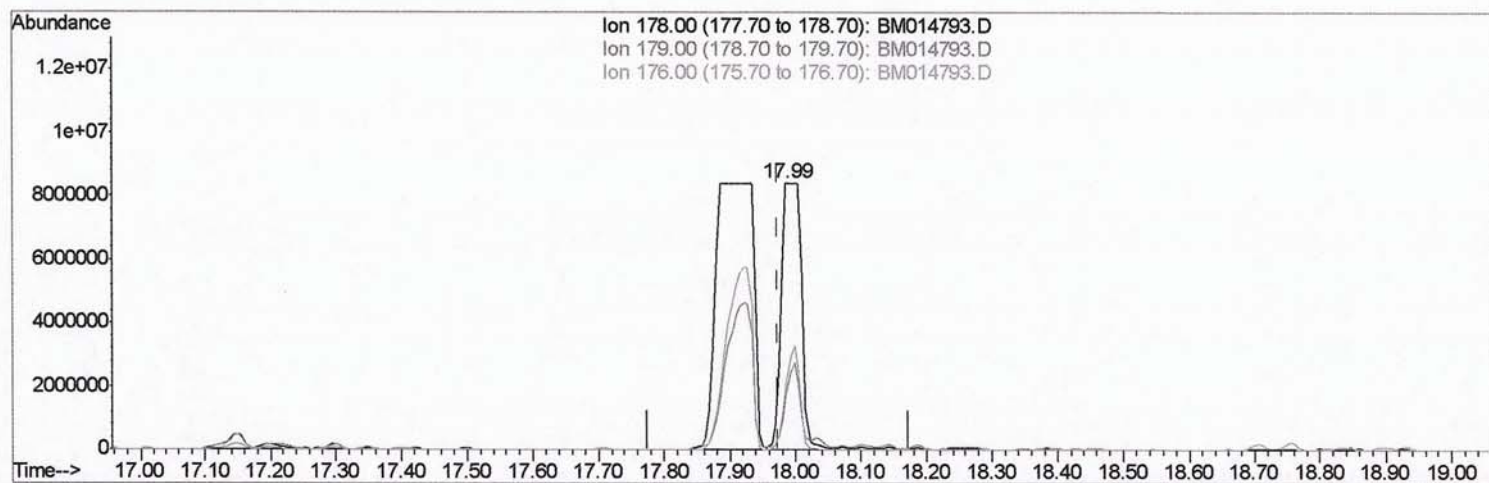
Data Path : Z:\HPCHEM1\BNA M\DATA\BM042318\
Data File : BM014793.D
Acq On : 24 Apr 2018 01:29
Operator : SJ/JU
Sample : J2431-12
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
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Manual Integrations
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TIC: BM014793.D

(71) Anthracene

17.986min (+0.012) 176.80ng/ul m) SJ 4/24/18

response 17837720

Ion	Exp%	Act%
178.00	100	100
179.00	14.60	21.49#
176.00	18.20	25.08#
0.00	0.00	0.00

Quantitation Report (Qedit)

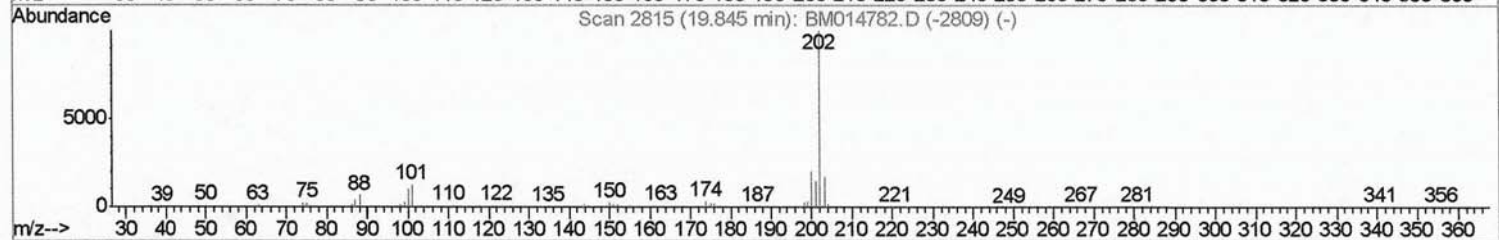
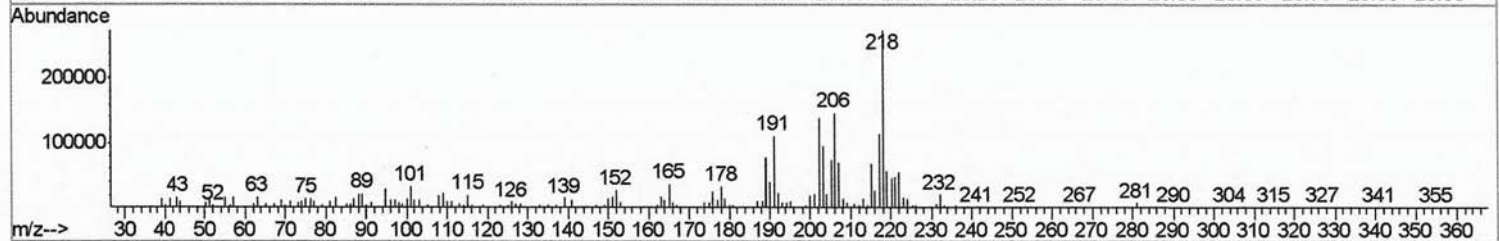
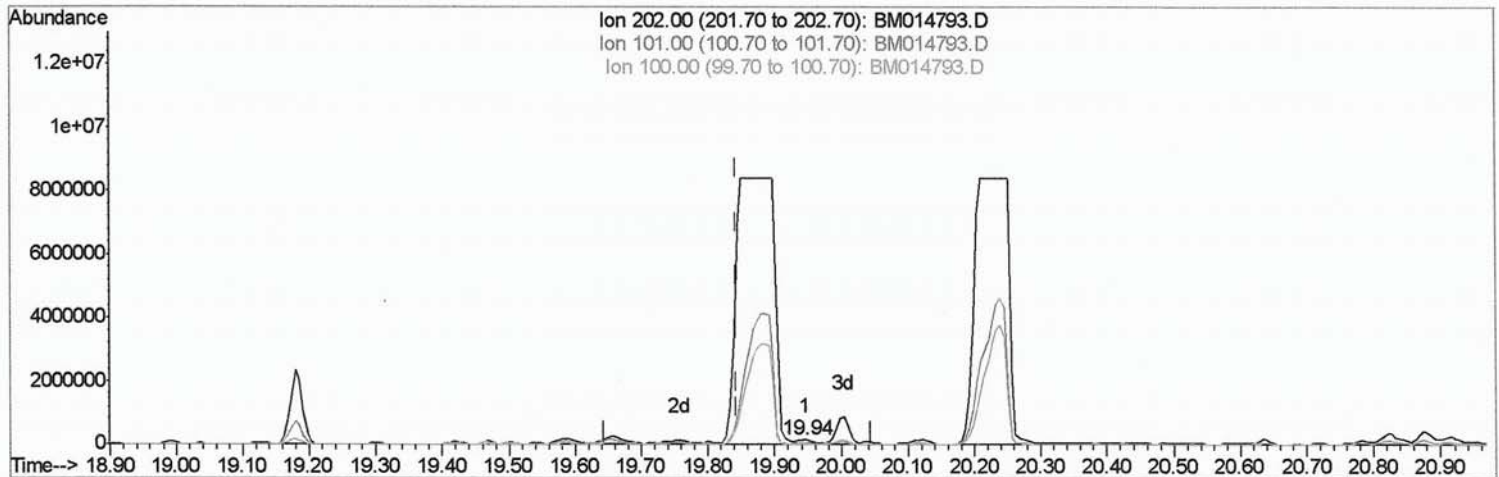
Data Path : Z:\HPCHEM1\BNA M\DATA\BM042318\
 Data File : BM014793.D
 Acq On : 24 Apr 2018 01:29
 Operator : SJ/JU
 Sample : J2431-12
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
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Manual Integrations
 APPROVED

Sohil
 4/24/2018 7:13:35 PM

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 Response via : Initial Calibration



TIC: BM014793.D

(74) Fluoranthene (C)

19.945min (+0.100) 1.18ng/ul

response 128225

Ion	Exp%	Act%
202.00	100	100
101.00	5.80	23.55#
100.00	4.30	9.33#
0.00	0.00	0.00

Quantitation Report (Qedit)

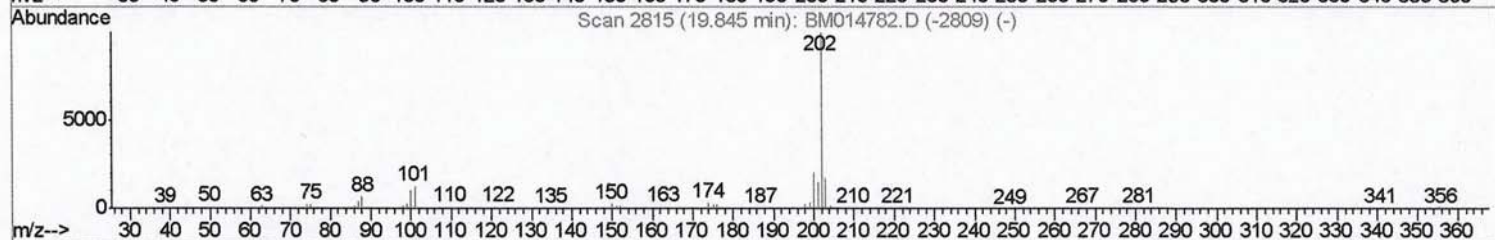
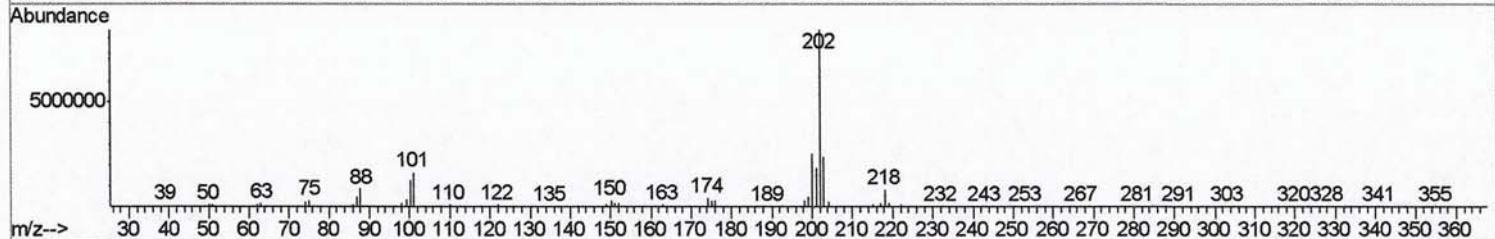
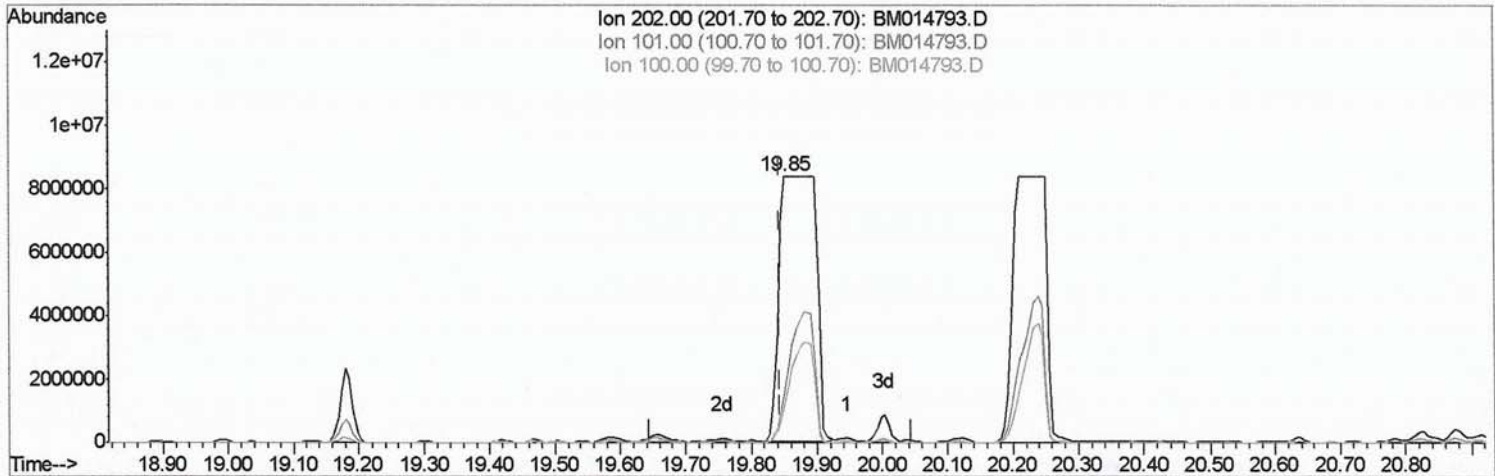
Data Path : Z:\HPCHEM1\BNA M\DATA\BM042318\
 Data File : BM014793.D
 Acq On : 24 Apr 2018 01:29
 Operator : SJ/JU
 Sample : J2431-12
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DASP3

Manual Integrations
 APPROVED

Sohil
 4/24/2018 7:13:35 PM

Quant Time: Apr 24 04:05:24 2018
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM041918.M
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TIC: BM014793.D

(74) Fluoranthene (C)

19.850min (+0.006) 299.44ng/ul m) SJ 4/24/18

response 32454950

Ion	Exp%	Act%
202.00	100	100
101.00	5.80	19.50#
100.00	4.30	14.86#
0.00	0.00	0.00

Quantitation Report (Qedit)

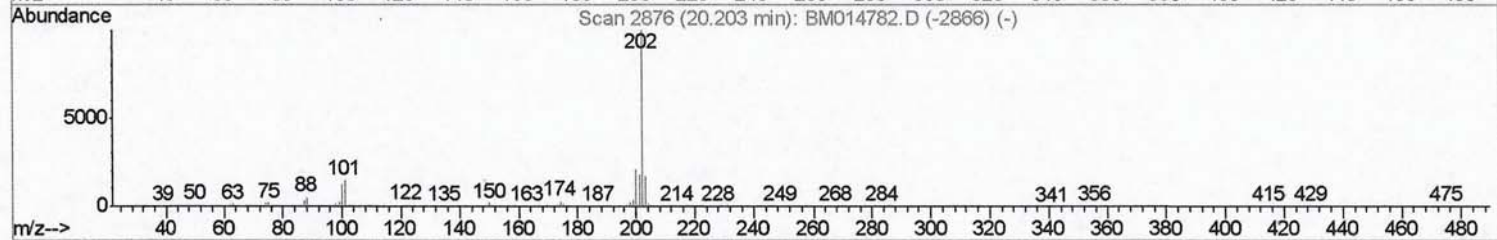
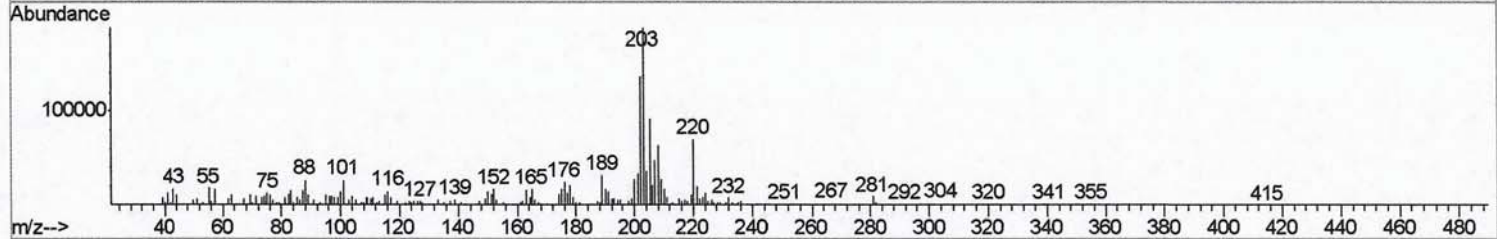
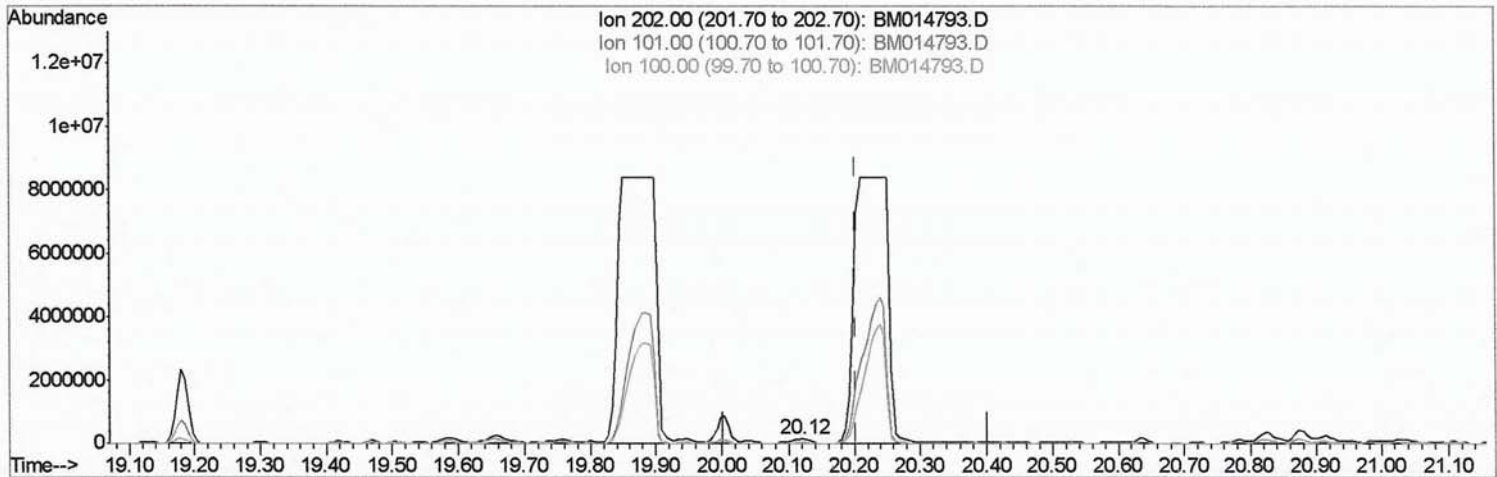
Data Path : Z:\HPCHEM1\BNA M\DATA\BM042318\
 Data File : BM014793.D
 Acq On : 24 Apr 2018 01:29
 Operator : SJ/JU
 Sample : J2431-12
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
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 ClientSampleId :
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Manual Integrations
 APPROVED

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Quant Time: Apr 24 04:05:24 2018
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TIC: BM014793.D

(77) Pyrene

20.121min (-0.082) 2.08ng/ul

response 238601

Ion	Exp%	Act%
202.00	100	100
101.00	6.40	19.05#
100.00	6.10	10.23#
0.00	0.00	0.00

Quantitation Report (Qedit)

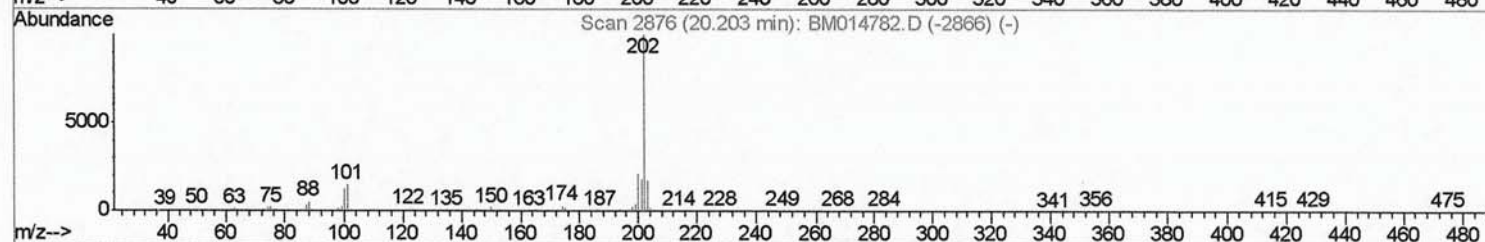
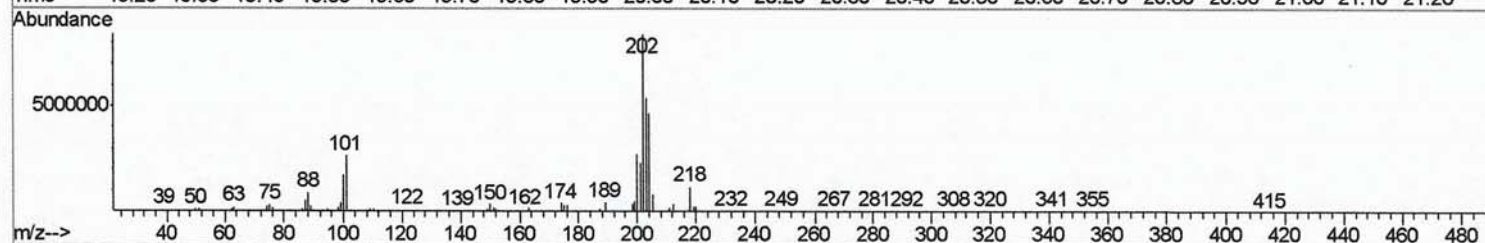
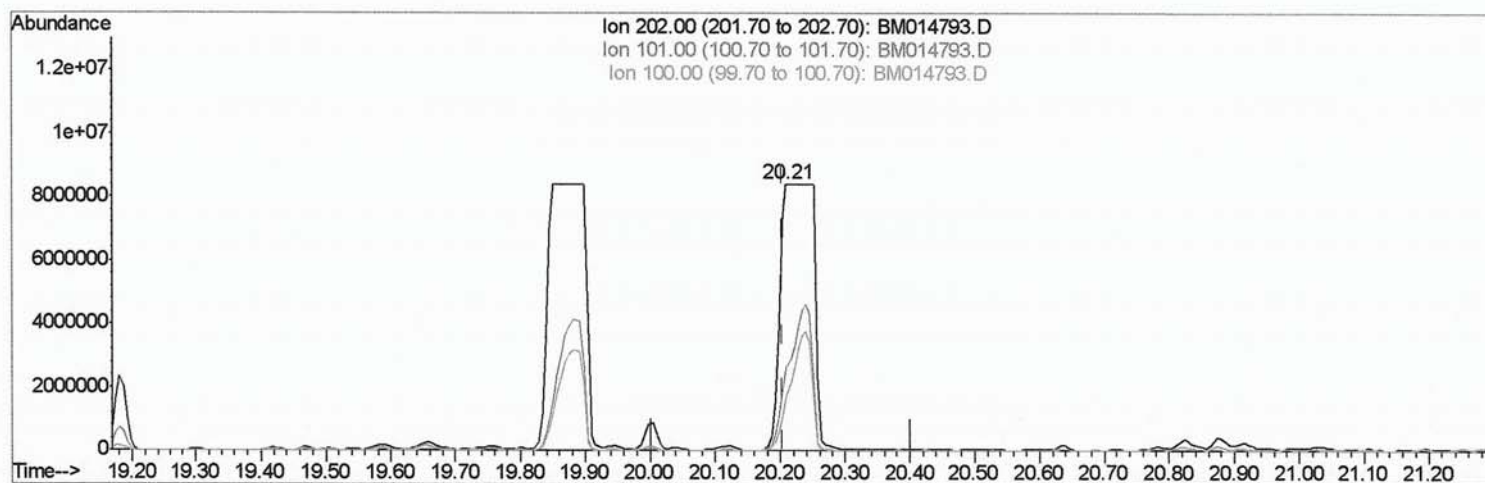
Data Path : Z:\HPCHEM1\BNA M\DATA\BM042318\
Data File : BM014793.D
Acq On : 24 Apr 2018 01:29
Operator : SJ/JU
Sample : J2431-12
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DASP3

Manual Integrations
APPROVED

Sohil
4/24/2018 7:13:35 PM

Quant Time: Apr 24 04:05:24 2018
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM041918.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Apr 24 02:13:13 2018
Response via : Initial Calibration



TIC: BM014793.D

(77) Pyrene

20.209min (+0.006) 256.10ng/ul *SJ 4/24/18*

response 29403977

Ion	Exp%	Act%
202.00	100	100
101.00	6.40	31.24#
100.00	6.10	20.41#
0.00	0.00	0.00

Quantitation Report (Qedit)

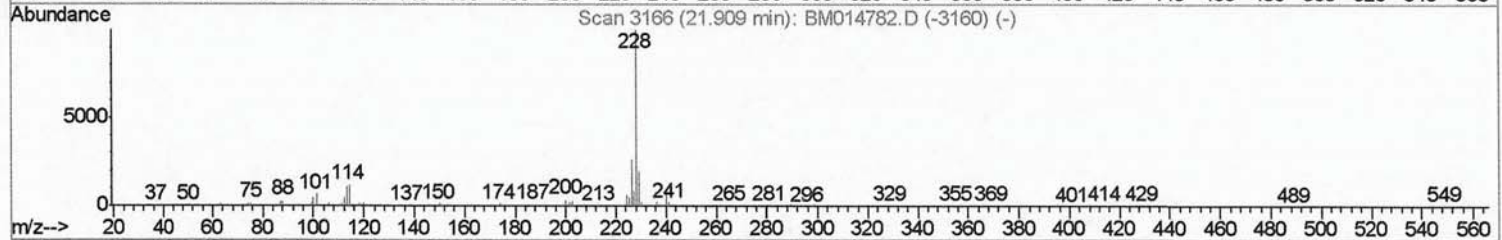
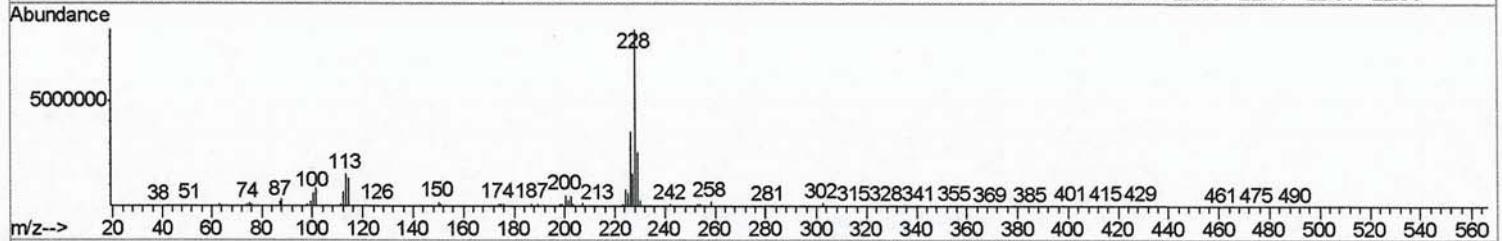
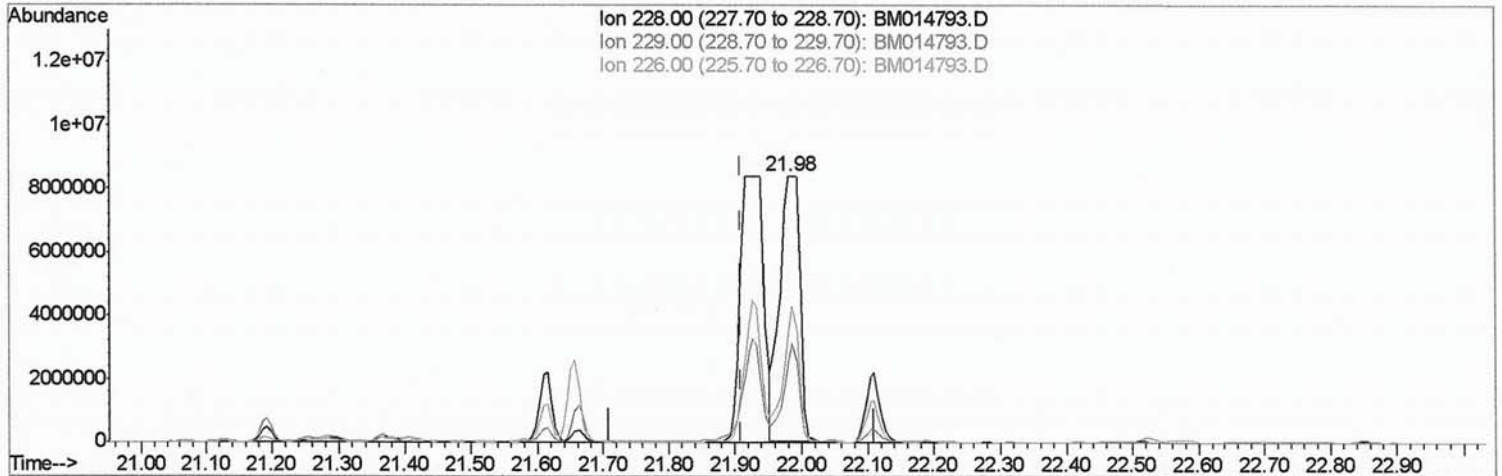
Data Path : Z:\HPCHEM1\BNA M\DATA\BM042318\
 Data File : BM014793.D
 Acq On : 24 Apr 2018 01:29
 Operator : SJ/JU
 Sample : J2431-12
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
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 ClientSampleId :
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Manual Integrations
 APPROVED

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TIC: BM014793.D

(80) Benzo(a)anthracene
 21.980min (+0.070) 151.20ng/ul
 response 17374781

Ion	Exp%	Act%
228.00	100	100
229.00	19.20	30.96#
226.00	26.70	42.21#
0.00	0.00	0.00

Quantitation Report (Qedit)

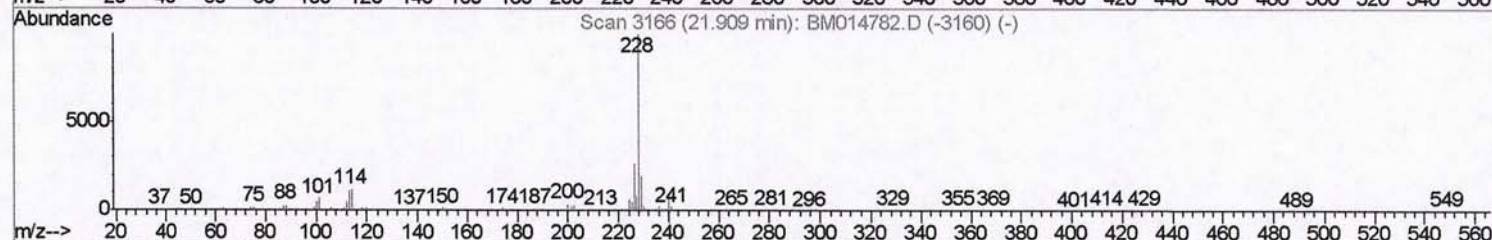
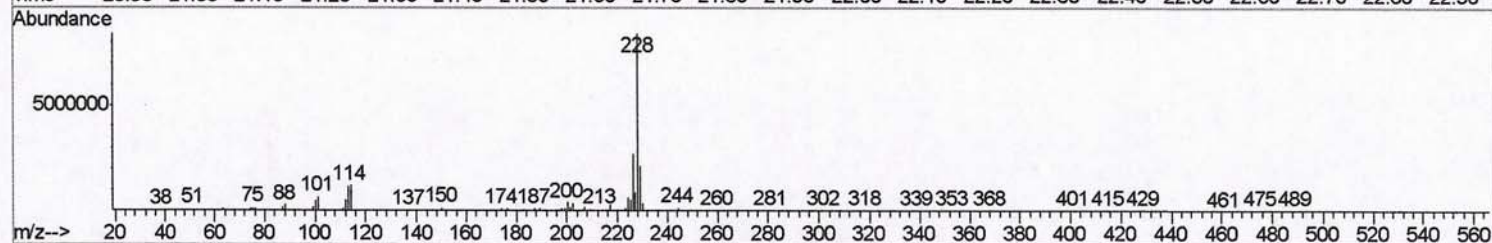
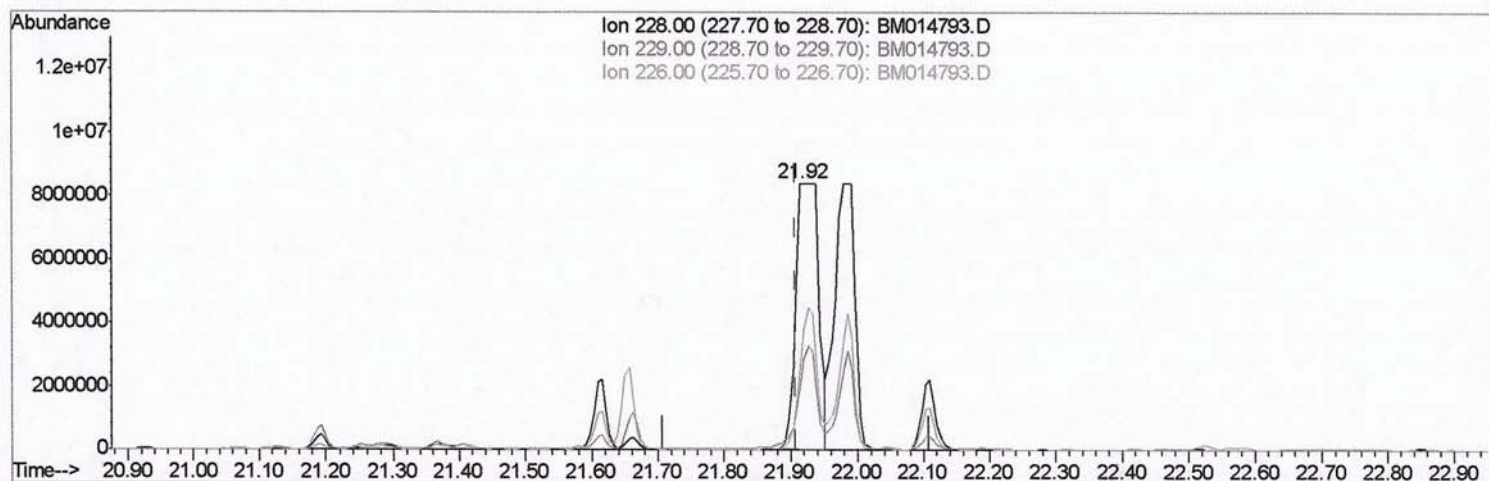
Data Path : Z:\HPCHEM1\BNA M\DATA\BM042318\
 Data File : BM014793.D
 Acq On : 24 Apr 2018 01:29
 Operator : SJ/JU
 Sample : J2431-12
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampled :
 DASP3

Manual Integrations
 APPROVED

Sohil
 4/24/2018 7:13:35 PM

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TIC: BM014793.D

(80) Benzo(a)anthracene

21.915min (+0.006) 174.25ng/ul m) SJ 4/24/18

response 20023579

Ion	Exp%	Act%
228.00	100	100
229.00	19.20	25.61#
226.00	26.70	32.22#
0.00	0.00	0.00

Quantitation Report (Qedit)

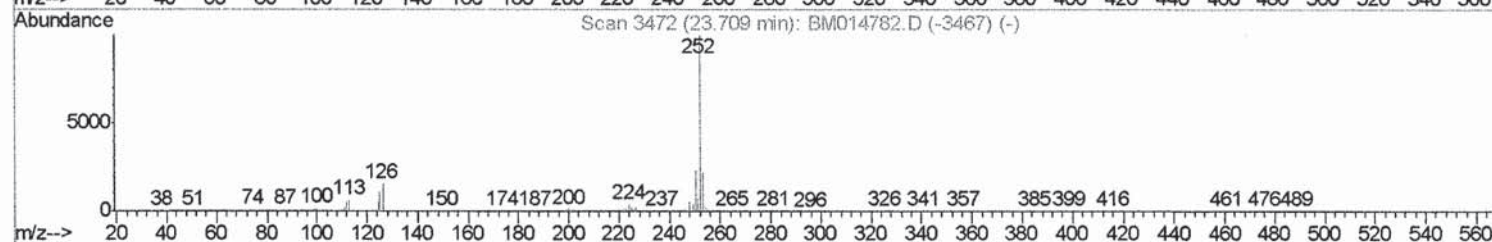
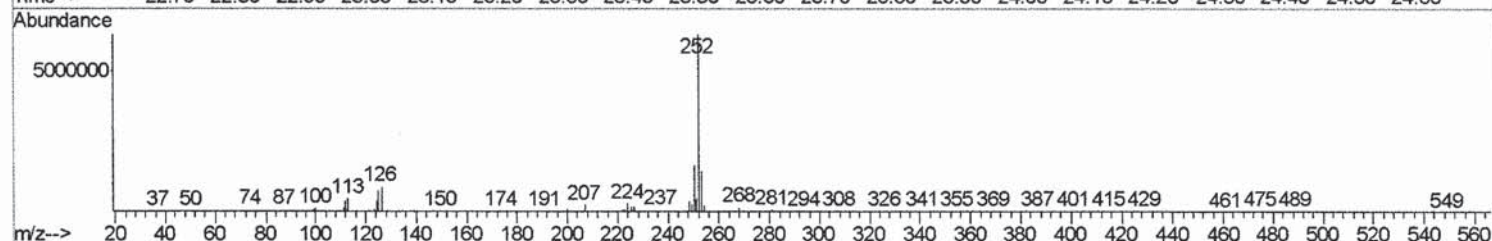
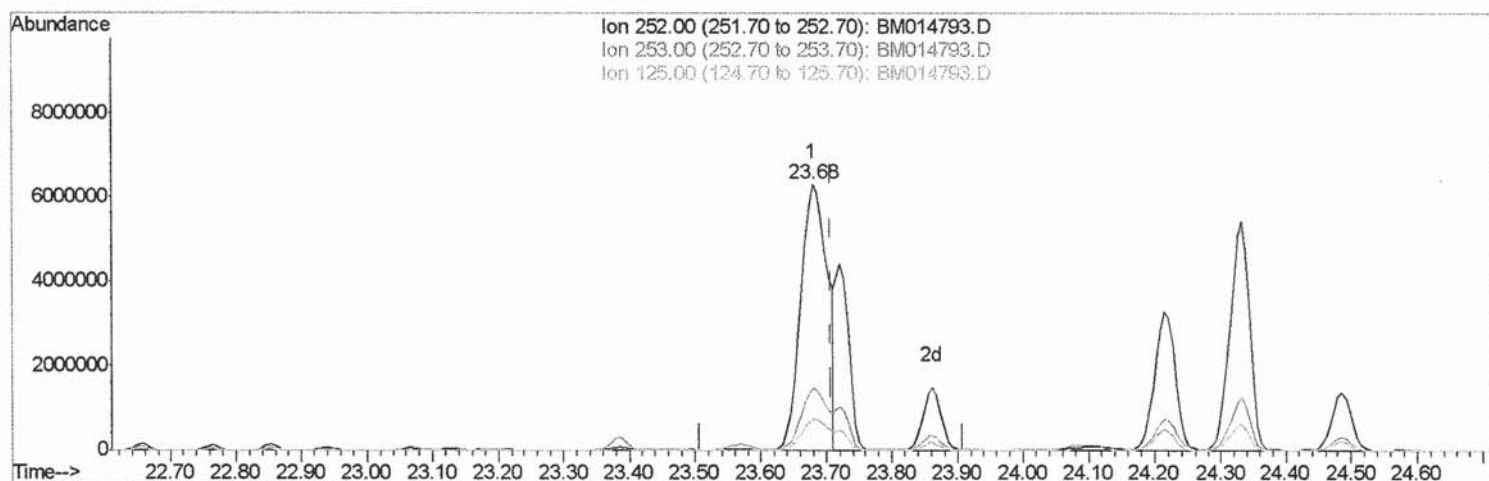
Data Path : Z:\HPCHEM1\BNA M\DATA\BM042318\
Data File : BM014793.D
Acq On : 24 Apr 2018 01:29
Operator : SJ/JU
Sample : J2431-12
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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Manual Integrations
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TIC: BM014793.D

(86) Benzo(k)fluoranthene

23.680min (-0.030) 155.87ng/ul

response 17860001

Ion	Exp%	Act%
252.00	100	100
253.00	21.40	23.55
125.00	4.30	11.87#
0.00	0.00	0.00

Quantitation Report (Qedit)

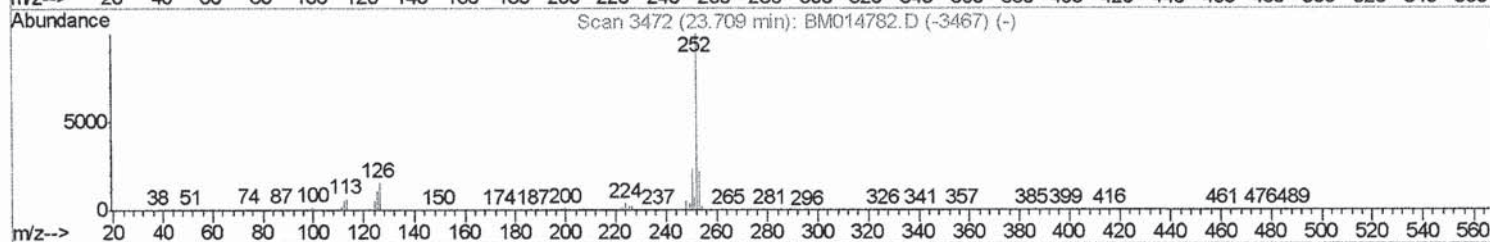
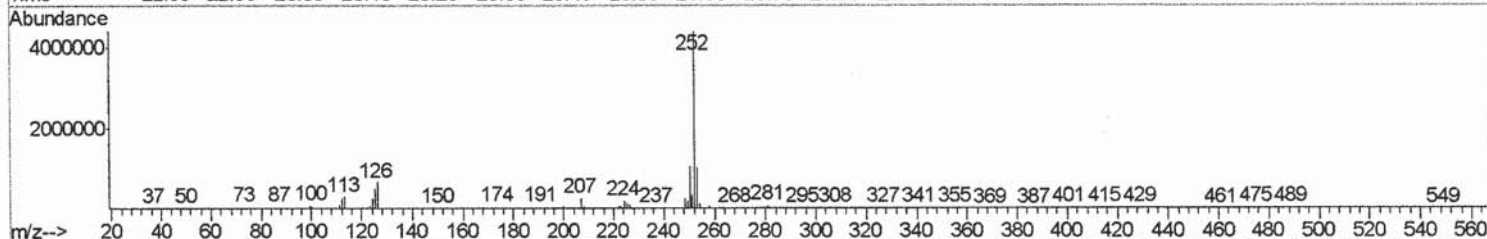
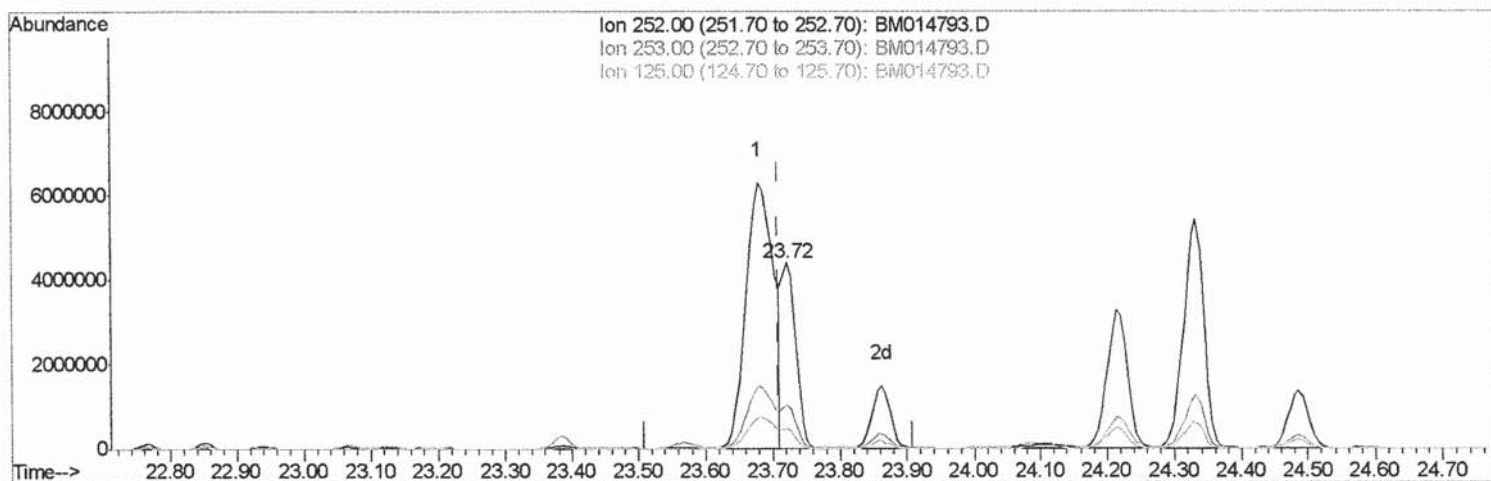
Data Path : Z:\HPCHEM1\BNA M\DATA\BM042318\
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TIC: BM014793.D

(86) Benzo(k)fluoranthene

23.721min (+0.012) 55.25ng/ul m } SJ 4/24/18

response 6330852

Ion	Exp%	Act%
252.00	100	100
253.00	21.40	23.58
125.00	4.30	10.86#
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA M\DATA\BM042318\
 Data File : BM014793.D
 Acq On : 24 Apr 2018 01:29
 Operator : SJ/JU
 Sample : J2431-12
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.53	152	428480	20.00	ng/ul	0.00
18) Naphthalene-d8	11.37	136	1753796	20.00	ng/ul	0.00
35) Acenaphthene-d10	15.13	164	901920	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.85	188	1851094	20.00	ng/ul	0.01
75) Chrysene-d12	21.94	240	1965087	20.00	ng/ul	0.02
83) Perylene-d12	24.43	264	2021356	20.00	ng/ul	0.01

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.66	96	32322	3.29	ng/uL	0.00
5) Phenol-d5	7.65	99	634646	19.16	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.83	67	430911	20.29	ng/ul	0.00
9) 2-Chlorophenol-d4	8.05	132	518601	18.72	ng/ul	0.00
13) 4-Methylphenol-d8	9.22	113	487867	18.47	ng/ul	0.00
19) Nitrobenzene-d5	9.71	128	245694	19.38	ng/ul	0.00
22) 2-Nitrophenol-d4	10.44	143	259284	20.53	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.97	165	466704	18.19	ng/ul	0.00
29) 4-Chloroaniline-d4	11.49	131	536875	21.20	ng/ul	0.00
43) Dimethylphthalate-d6	14.52	166	1304158	18.52	ng/ul	0.00
46) Acenaphthylene-d8	14.83	160	1605358	18.47	ng/ul	0.00
51) 4-Nitrophenol-d4	15.29	143	191888	14.69	ng/ul	0.00
57) Fluorene-d10	16.10	176	1115252	18.21	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	16.22	200	53547	5.35	ng/ul	0.02
70) Anthracene-d10	17.96	188	1623852	18.82	ng/ul	0.02
76) Pyrene-d10	20.19	212	1791452	19.27	ng/ul	0.01
87) Benzo(a)pyrene-d12	24.27	264	1974834	19.89	ng/ul	0.01

Target Compounds

				Ovalue	
28) Naphthalene	11.42	128	180179	2.108 ng/ul#	97
34) 2-Methylnaphthalene	12.99	142	294040	4.955 ng/ul	98
40) 1,1'-Biphenyl	13.97	154	316834	4.368 ng/ul#	98
44) Dimethylphthalate	14.56	163	295748	4.345 ng/ul#	98
47) Acenaphthylene	14.86	152	648737	7.702 ng/ul#	96
49) Acenaphthene	15.19	153	2184050	36.487 ng/ul	97
53) Dibenzofuran	15.52	168	3549332	42.701 ng/ul	99
58) Fluorene	16.17	166	7961690	118.623 ng/ul	98
69) Phenanthrene	17.89	178	32584031m	327.769 ng/ul	
71) Anthracene	17.99	178	17837720m	176.804 ng/ul	
72) Carbazole	18.23	167	230399	2.677 ng/ul#	81
74) Fluoranthene	19.85	202	32454950m	299.442 ng/ul	
77) Pyrene	20.21	202	29403977m	256.097 ng/ul	
78) Butylbenzylphthalate	21.04	149	629217	13.433 ng/ul	90
80) Benzo(a)anthracene	21.92	228	20023579m	174.248 ng/ul	
81) Bis(2-ethylhexyl)phthalate	21.80	149	11168065	162.431 ng/ul	93
82) Chrysene	21.98	228	17374781	161.510 ng/ul#	75
84) Di-n-octyl phthalate	22.76	149	697012	5.995 ng/ul#	90
85) Benzo(b)fluoranthene	23.68	252	17860001	149.886 ng/ul#	94
86) Benzo(k)fluoranthene	23.72	252	6330852m	55.252 ng/ul	
88) Benzo(a)pyrene	24.33	252	11403092	100.885 ng/ul#	95
89) Indeno(1,2,3-cd)pyrene	27.01	276	4383258	32.056 ng/ul#	91
90) Dibenzo(a,h)anthracene	27.01	278	1274910	11.073 ng/ul#	92

SJ 4/24/18

Data Path : Z:\HPCHEM1\BNA M\DATA\BM042318\
Data File : BM014793.D
Acq On : 24 Apr 2018 01:29
Operator : SJ/JU
Sample : J2431-12
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DASP3

Manual Integrations
APPROVED

Sohil
4/24/2018 7:13:35 PM

Quant Time: Apr 24 04:12:17 2018
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM041918.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Apr 24 02:13:13 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
91) Benzo(a,h,i)perylene	27.81	276	3470137	30.848	ng/ul#	89

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