

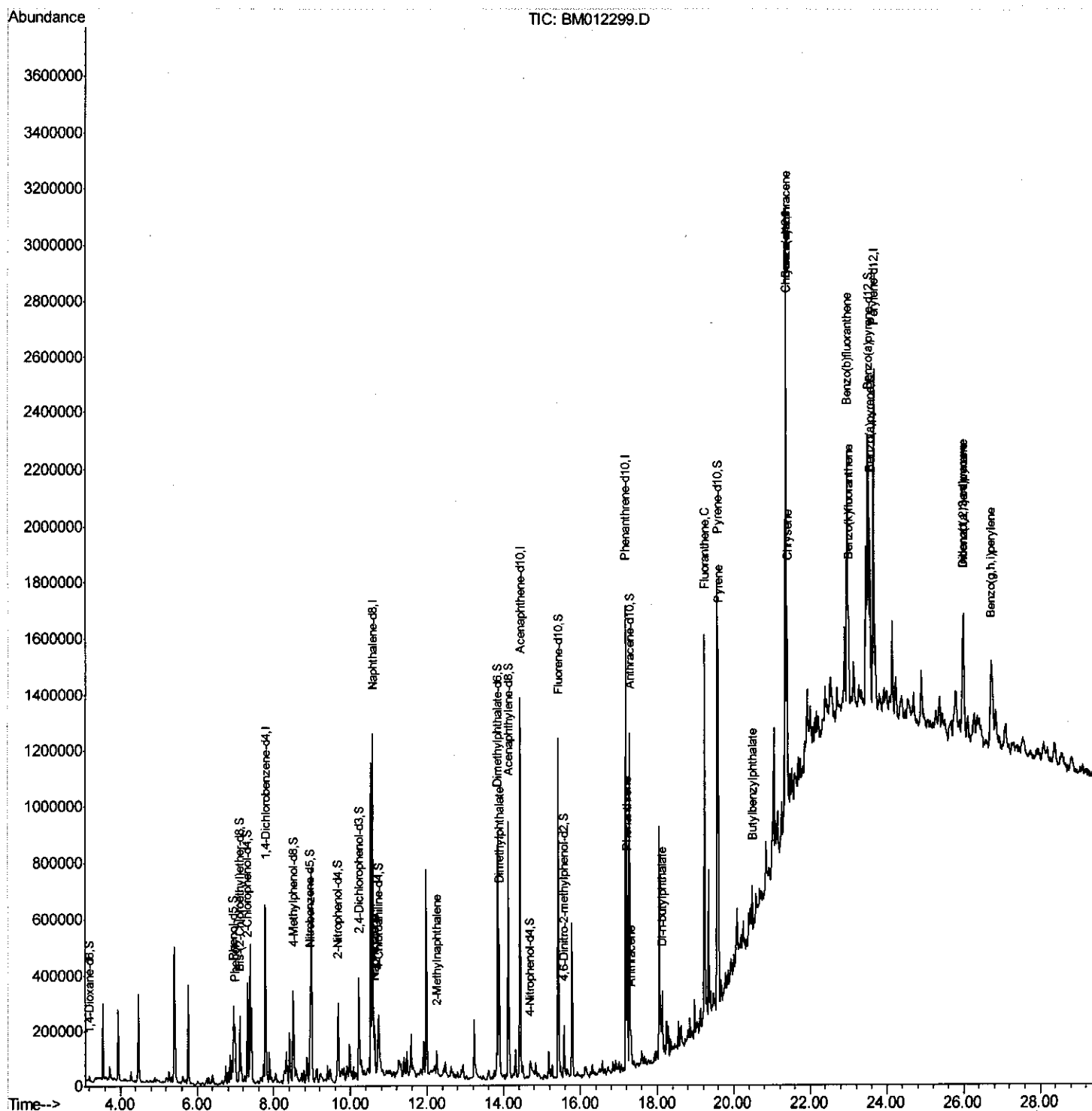
Data Path : Z:\HPCHEM1\BNA_M\Data\BM101817\
Data File : BM012299.D
Acq On : 19 Oct 2017 03:14
Operator : SJ/JU
Sample : I5747-03
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
B-22(0-1)-100617

Manual Integrations

Sohil
10/23/2017 3:49:50 PM

Quant Time: Oct 19 15:03:20 2017
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101217.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Oct 19 15:00:52 2017
Response via : Initial Calibration



Quantitation Report (Qedit)

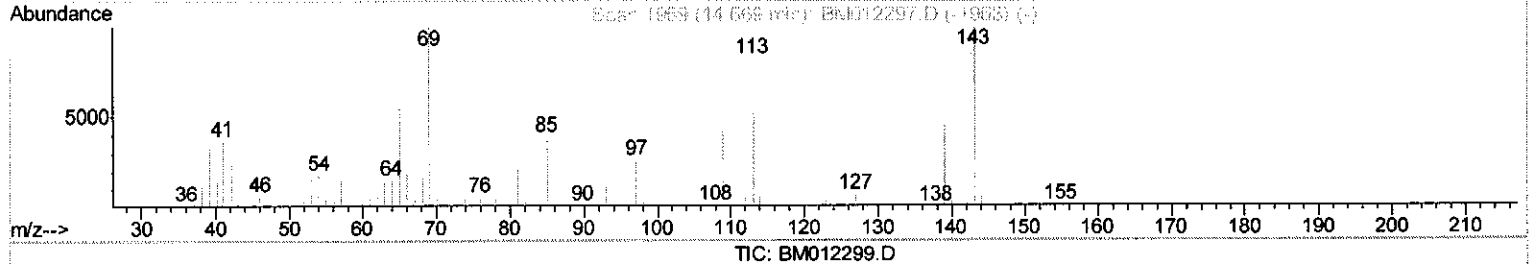
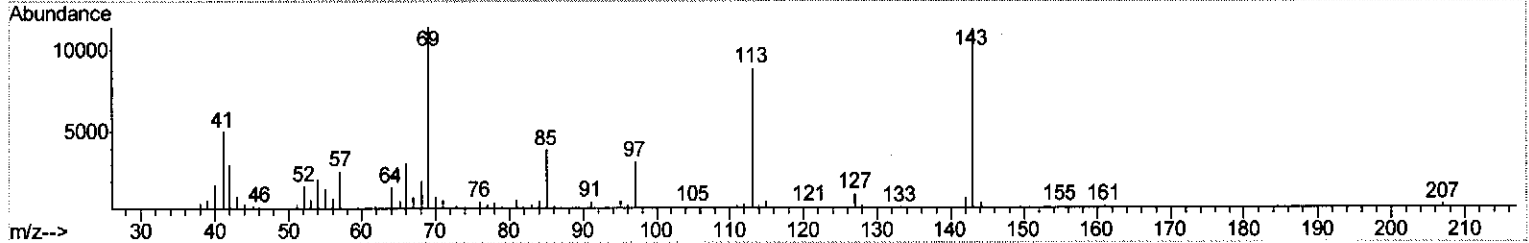
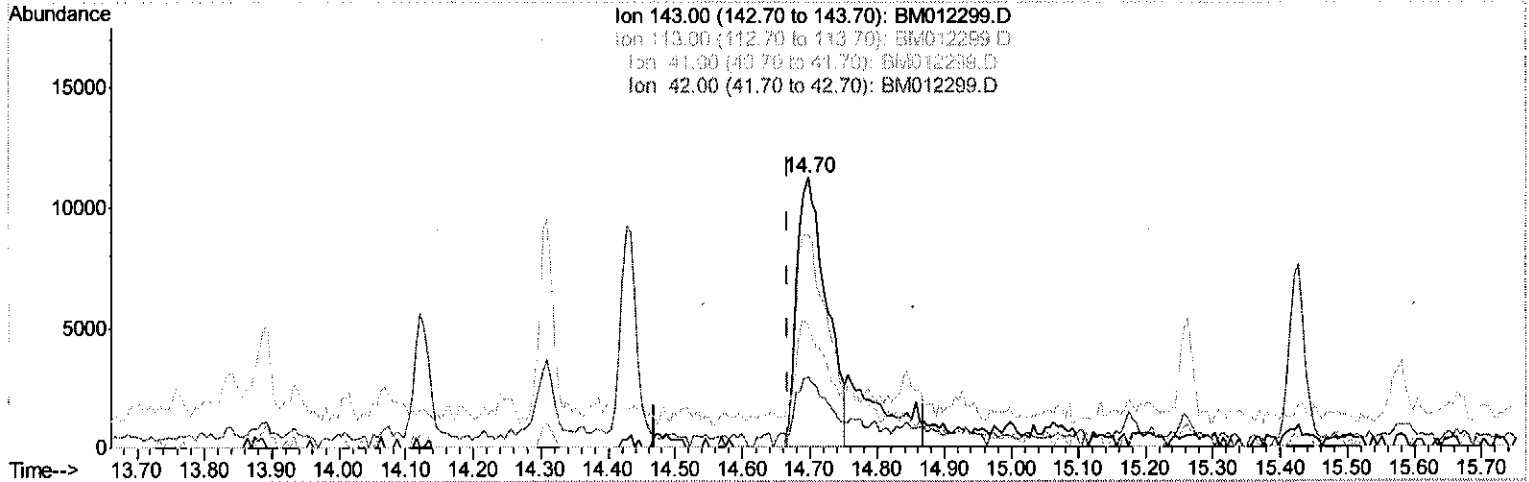
Data Path : Z:\HPCHEM1\BNA_M\Data\BM101817\
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(51) 4-Nitrophenol-d4 (S)

14.698min (+0.029) 5.74ng/ul

response 34358

Ion	Exp%	Act%
143.00	100	100
113.00	81.80	78.60
41.00	40.00	44.47
42.00	25.70	26.09

Quantitation Report (Qedit)

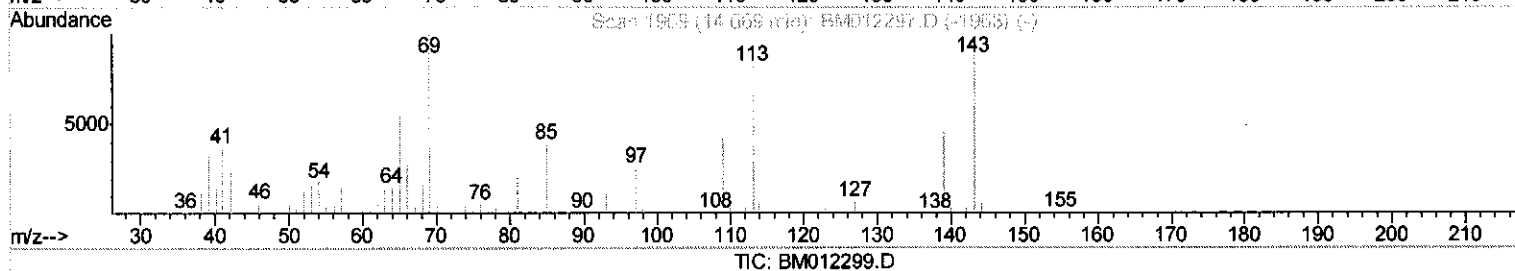
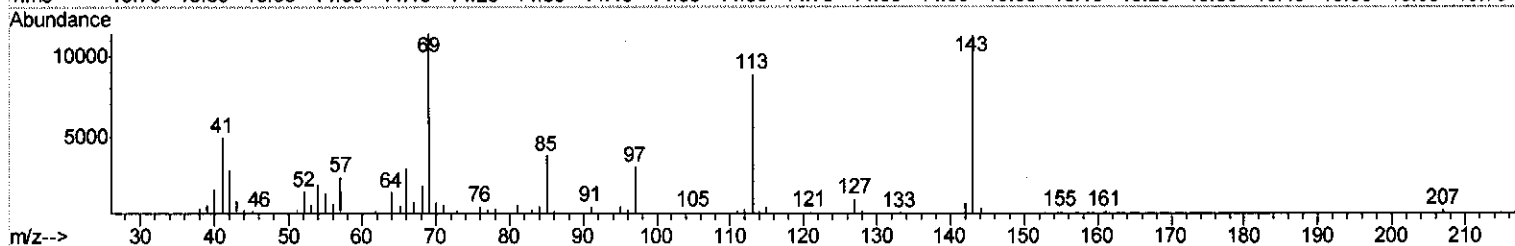
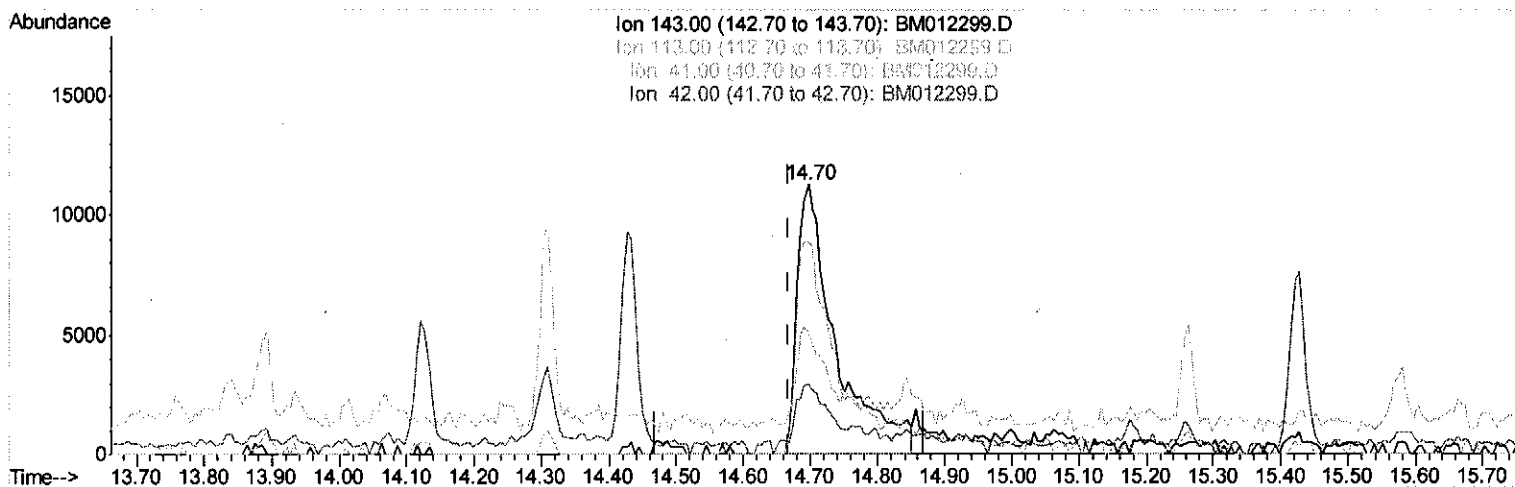
Data Path : Z:\HPCHEM1\BNA_M\Data\BM101817\
Data File : BM012299.D
Acq On : 19 Oct 2017 03:14
Operator : SJ/JU
Sample : I5747-03
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
B-22(0-1)-100617

Manual Integrations
APPROVED

Sohil
10/23/2017 3:49:50 PM

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Quant Title : SVOA CALIBRATION
QLast Update : Thu Oct 19 15:00:52 2017
Response via : Initial Calibration



(51) 4-Nitrophenol-d4 (S)

14.698min (+0.029) 7.53ng/ul m

SJ 10/24/17

response 45093

Ion	Exp%	Act%
143.00	100	100
113.00	81.80	78.60
41.00	40.00	44.47
42.00	25.70	26.09

Quantitation Report (Qedit)

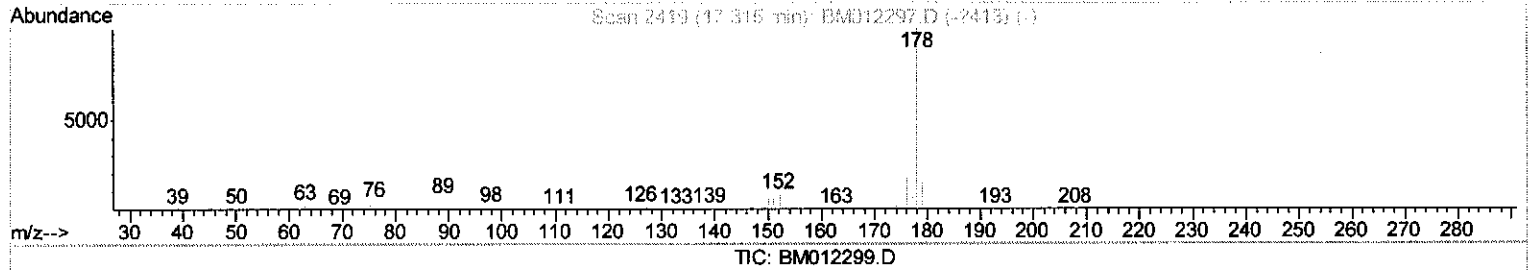
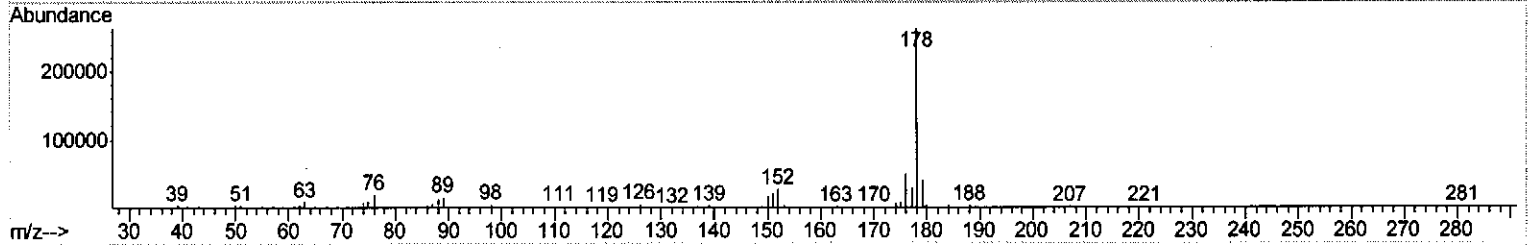
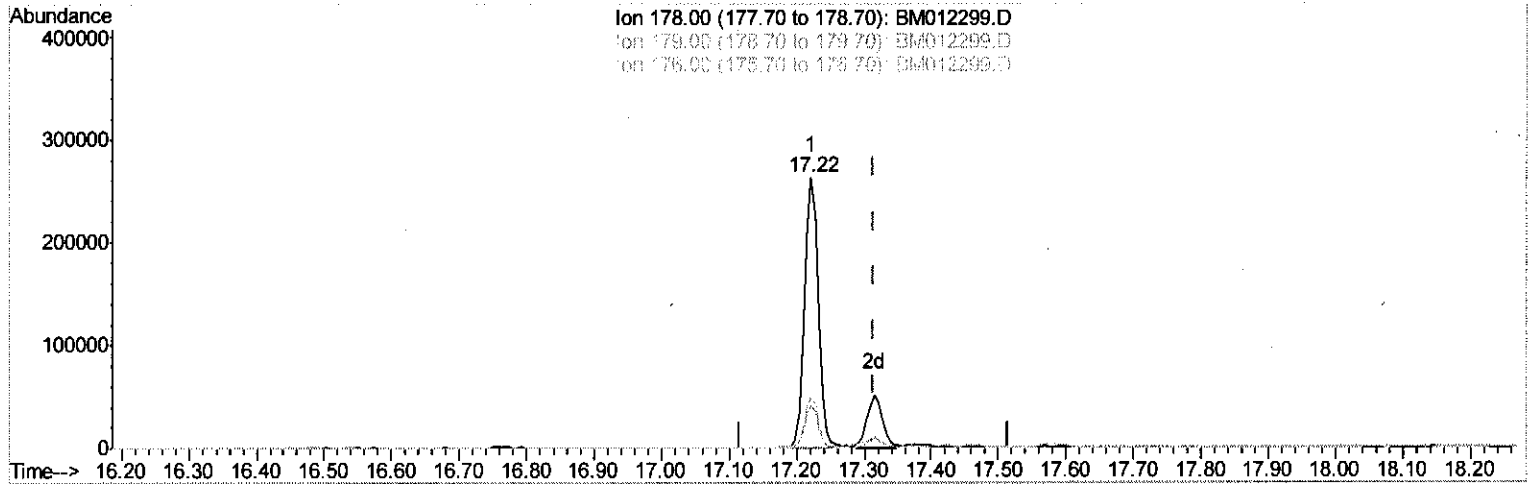
Data Path : Z:\HPCHEM1\BNA_M\Data\BM101817\
 Data File : BM012299.D
 Acq On : 19 Oct 2017 03:14
 Operator : SJ/JU
 Sample : I5747-03
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 B-22(0-1)-100617

Manual Integrations
 APPROVED

Sohil
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Quant Time: Oct 19 15:00:43 2017
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(71) Anthracene

17.221min (-0.094) 6.48ng/ul

response 368485

Ion	Exp%	Act%
178.00	100	100
179.00	15.30	15.36
176.00	18.40	18.84
0.00	0.00	0.00

Quantitation Report (Qedit)

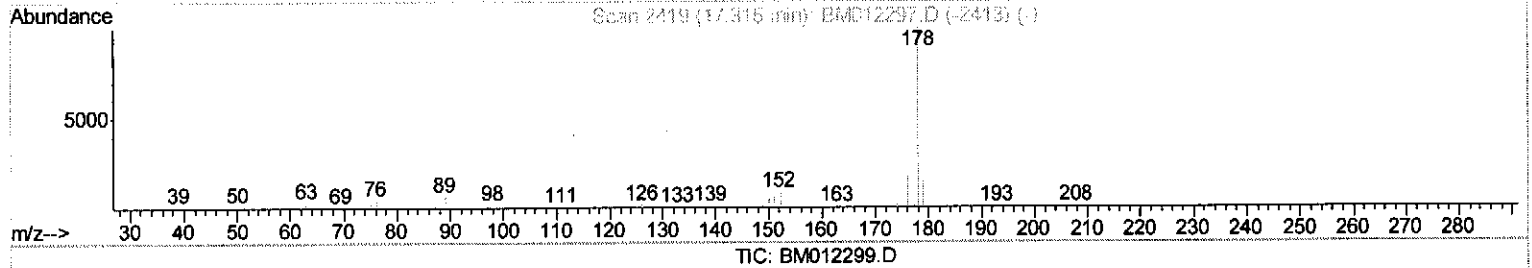
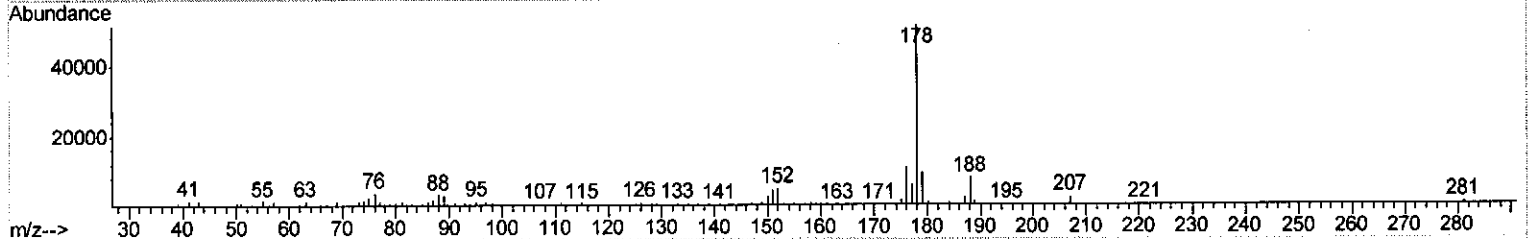
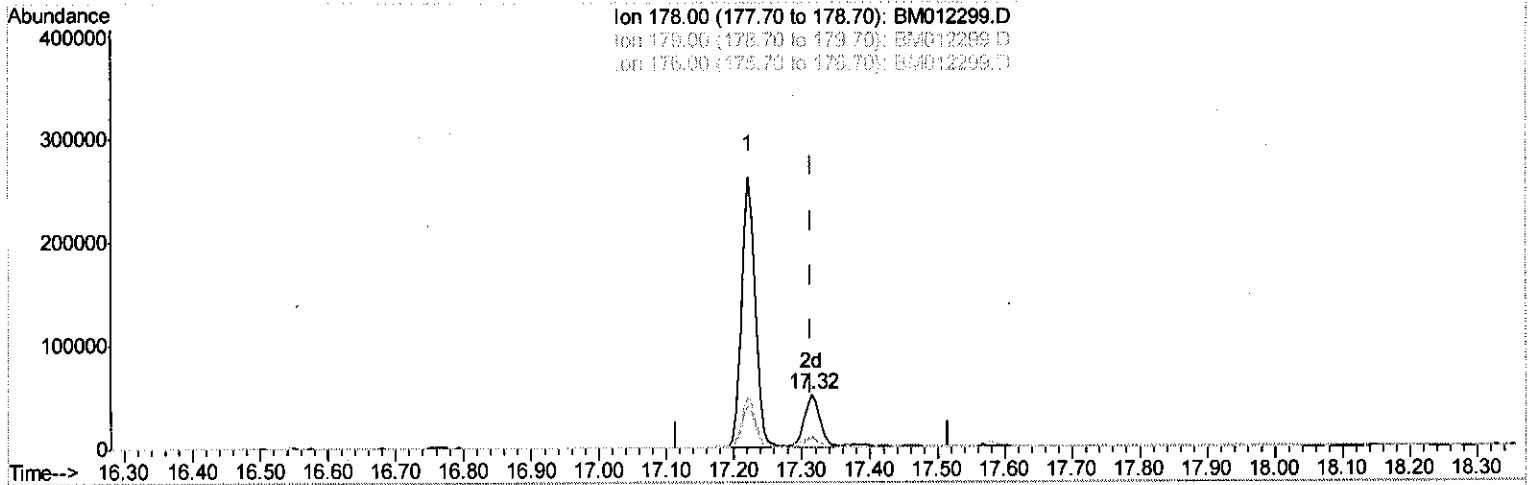
Data Path : Z:\HPCHEM1\BNA_M\Data\BM101817\
 Data File : BM012299.D
 Acq On : 19 Oct 2017 03:14
 Operator : SJ/JU
 Sample : I5747-03
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 B-22(0-1)-100617

Manual Integrations
 APPROVED

Sohil
 10/23/2017 3:49:50 PM

Quant Time: Oct 19 15:00:43 2017
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101217.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Oct 19 15:00:52 2017
 Response via : Initial Calibration



(71) Anthracene

17.315min (-0.000) 1.45ng/ul m

JU 10/24/17

response 82674

Ion	Exp%	Act%
178.00	100	100
179.00	15.30	18.38#
176.00	18.40	20.89
0.00	0.00	0.00

Quantitation Report (Qedit)

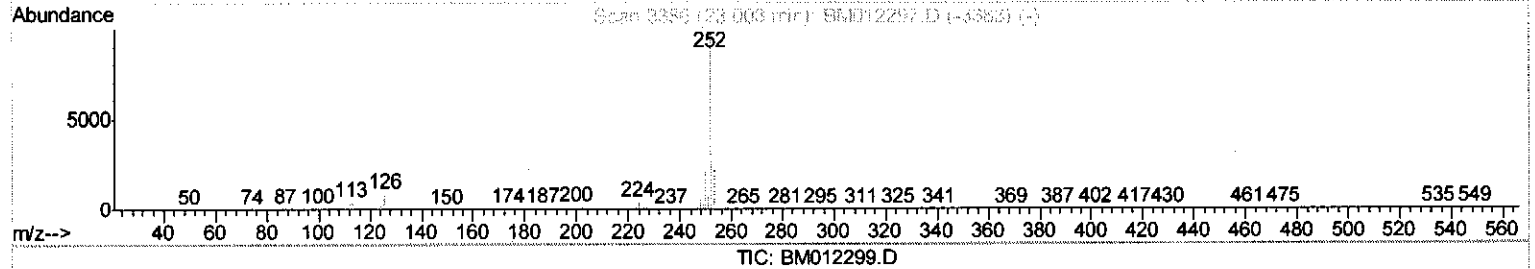
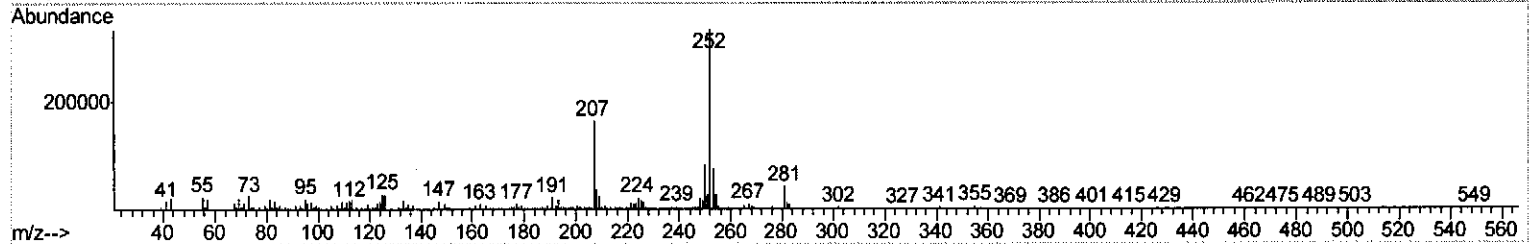
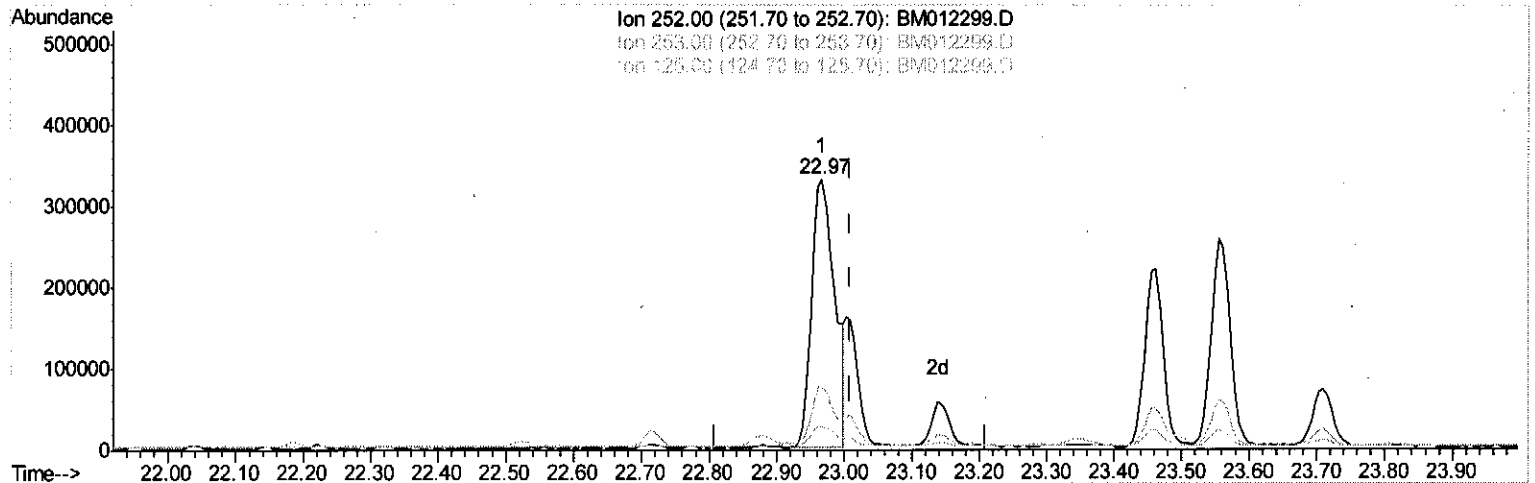
Data Path : Z:\HPCHEM1\BNA_M\Data\BM101817\
 Data File : BM012299.D
 Acq On : 19 Oct 2017 03:14
 Operator : SJ/JU
 Sample : I5747-03
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 B-22(0-1)-100617

Manual Integrations
 APPROVED

Sohil
 10/23/2017 3:49:50 PM

Quant Time: Oct 19 15:00:43 2017
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101217.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Oct 19 15:00:52 2017
 Response via : Initial Calibration



(86) Benzo(k)fluoranthene

22.968min (-0.041) 13.37ng/ul

response 773684

Ion	Exp%	Act%
252.00	100	100
253.00	22.20	22.84
125.00	6.10	8.59#
0.00	0.00	0.00

Quantitation Report (Qedit)

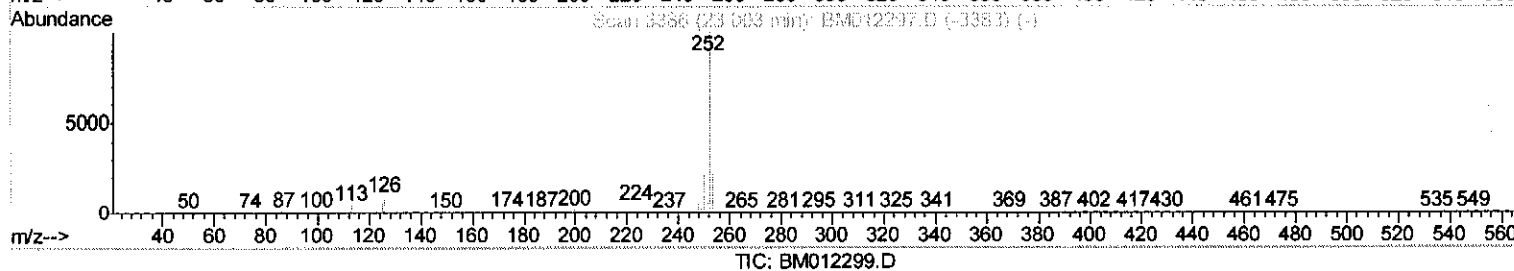
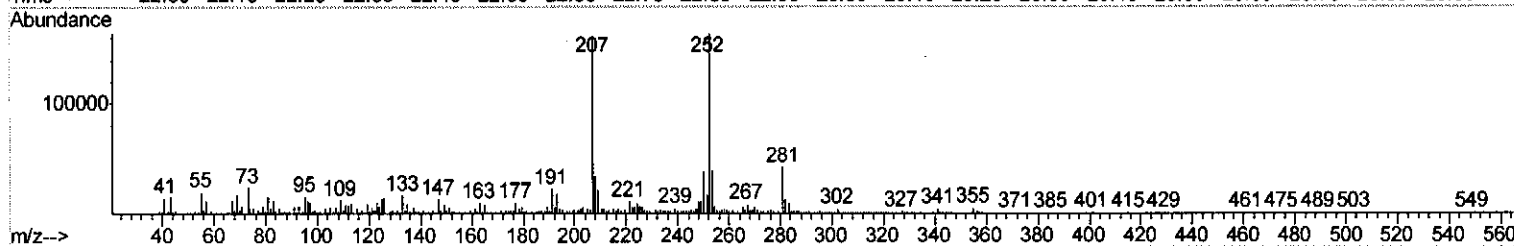
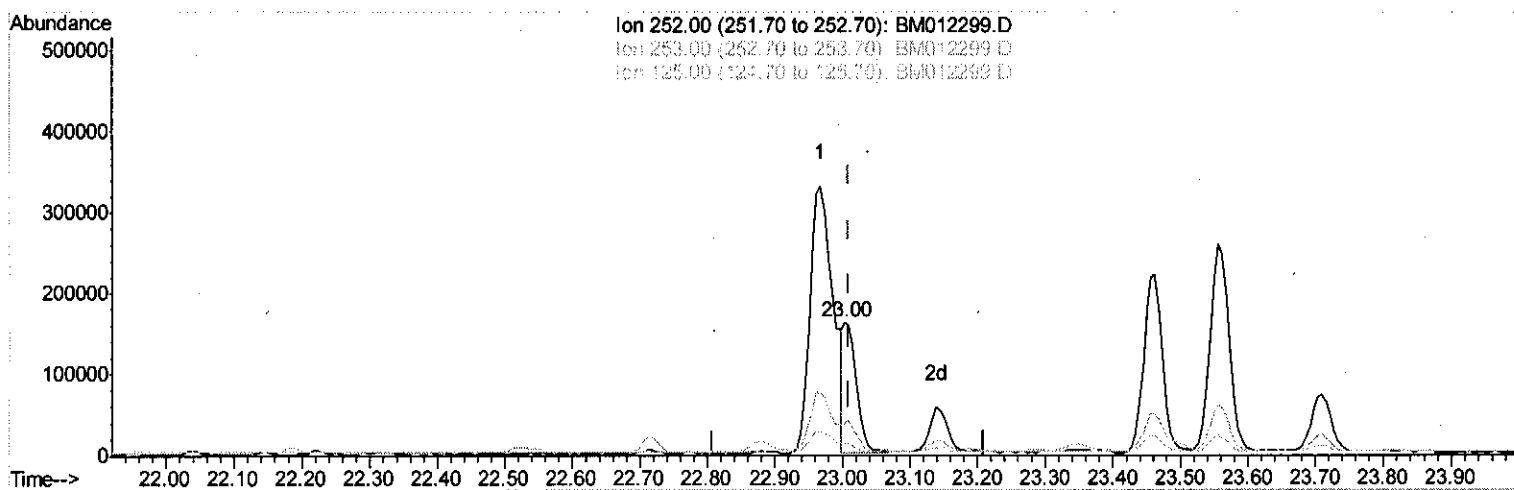
Data Path : Z:\HPCHEM1\BNA_M\Data\BM101817\
Data File : BM012299.D
Acq On : 19 Oct 2017 03:14
Operator : SJ/JU
Sample : I5747-03
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
B-22(0-1)-100617

Manual Integrations
APPROVED

Sohil
10/23/2017 3:49:50 PM

Quant Time: Oct 19 15:00:43 2017
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101217.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Oct 19 15:00:52 2017
Response via : Initial Calibration



(86) Benzo(k)fluoranthene

23.003min (-0.006) 3.86ng/ul m

SU 10/24/17

response 223140

Ion	Exp%	Act%
252.00	100	100
253.00	22.20	24.40
125.00	6.10	8.60#
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA_M\Data\BM101817\
 Data File : BM012299.D
 Acq On : 19 Oct 2017 03:14
 Operator : SJ/JU
 Sample : I5747-03
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 B-22(0-1)-100617

Manual Integrations
 APPROVED

Sohil
 10/23/2017 3:49:50 PM

Quant Time: Oct 19 15:03:20 2017
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101217.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Oct 19 15:00:52 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.77	152	187567	20.00	ng/ul	0.00
18) Naphthalene-d8	10.57	136	992549	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.43	164	450602	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.18	188	965757	20.00	ng/ul	0.00
75) Chrysene-d12	21.36	240	870190	20.00	ng/ul	0.00
83) Perylene-d12	23.66	264	920263	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.20	96	8981	2.28	ng/uL	0.00
5) Phenol-d5	6.95	99	179634	11.80	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.11	67	107212	11.75	ng/ul	0.00
9) 2-Chlorophenol-d4	7.31	132	170073	13.18	ng/ul	0.00
13) 4-Methylphenol-d8	8.50	113	145563	11.11	ng/ul	0.00
19) Nitrobenzene-d5	8.95	128	80670	10.65	ng/ul	0.00
22) 2-Nitrophenol-d4	9.67	143	95144	10.75	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.22	165	180375	10.67	ng/ul	0.00
29) 4-Chloroaniline-d4	10.73	131	144306	9.13	ng/ul	0.00
43) Dimethylphthalate-d6	13.84	166	587033	14.74	ng/ul	0.00
46) Acenaphthylene-d8	14.13	160	702583	14.57	ng/ul	0.00
51) 4-Nitrophenol-d4	14.70	143	45093m	7.53	ng/ul	0.03 → 30 10/24/17
57) Fluorene-d10	15.43	176	499236	15.27	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.58	200	53776	8.11	ng/ul	0.00
70) Anthracene-d10	17.28	188	720312	15.08	ng/ul	0.00
76) Pyrene-d10	19.57	212	732757	16.59	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.51	264	687270	15.49	ng/ul	0.00

Target Compounds

					Qvalue
6) Phenol	6.98	94	37567	2.388 ng/ul#	90
28) Naphthalene	10.63	128	127395	2.481 ng/ul	98
34) 2-Methylnaphthalene	12.25	142	50876	1.313 ng/ul	96
44) Dimethylphthalate	13.89	163	321023	8.046 ng/ul	100
69) Phenanthrene	17.22	178	368485	6.707 ng/ul	100
71) Anthracene	17.32	178	82674m	1.454 ng/ul	97 → 30 10/24/17
73) Di-n-butylphthalate	18.13	149	150974	2.259 ng/ul	99
74) Fluoranthene	19.24	202	799197	12.054 ng/ul	99
77) Pyrene	19.60	202	758086	13.191 ng/ul	97
78) Butylbenzylphthalate	20.49	149	30662	1.199 ng/ul	90
80) Benzo(a)anthracene	21.35	228	412173	7.279 ng/ul	98
82) Chrysene	21.40	228	450020	8.465 ng/ul	97
85) Benzo(b)fluoranthene	22.97	252	773684	12.883 ng/ul#	97
86) Benzo(k)fluoranthene	23.00	252	223140m	3.856 ng/ul	97 → 30 10/24/17
88) Benzo(a)pyrene	23.56	252	492813	8.707 ng/ul#	95
89) Indeno(1,2,3-cd)pyrene	26.00	276	439095	7.305 ng/ul	97
90) Dibenzo(a,h)anthracene	26.00	278	112318	2.223 ng/ul#	81
91) Benzo(g,h,i)perylene	26.72	276	379248	7.703 ng/ul	97

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