

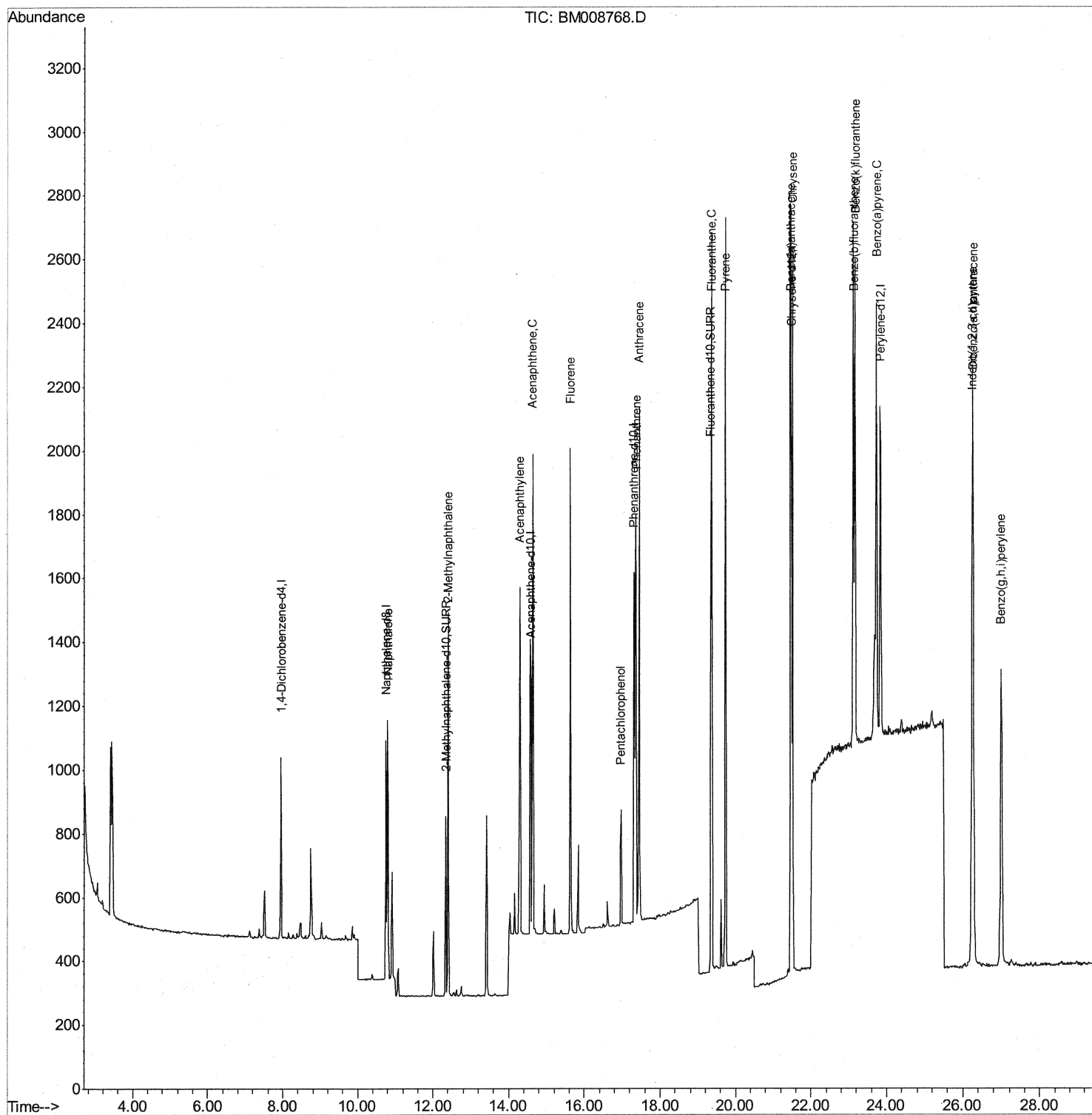
Data Path : Z:\HPCHEM1\BNA M\Data\BM011117\
Data File : BM008768.D
Acq On : 10 Jan 2017 13:30
Operator : UM/SJ
Sample : SSTDCCC0.4EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
LabSampleId :
SSTD0.466

Manual Integrations
APPROVED

mohammad
1/10/2017 6:10:33 PM

Quant Time: Jan 10 18:12:18 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM010917.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jan 09 13:24:07 2017
Response via : Initial Calibration



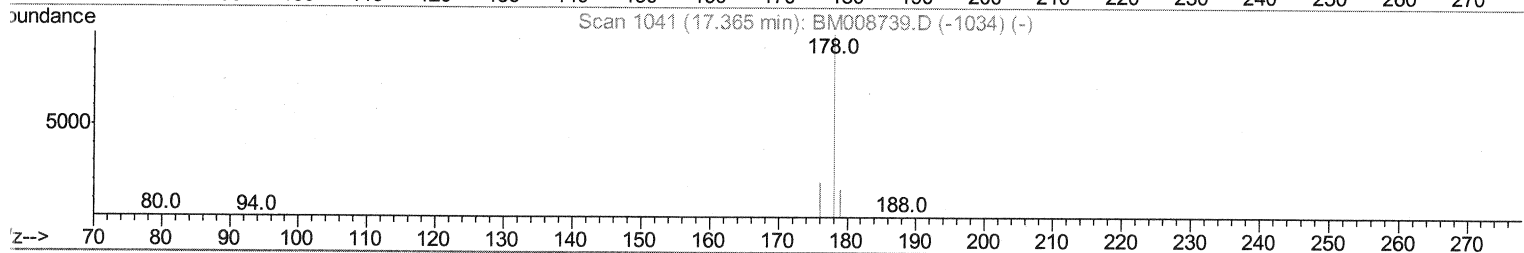
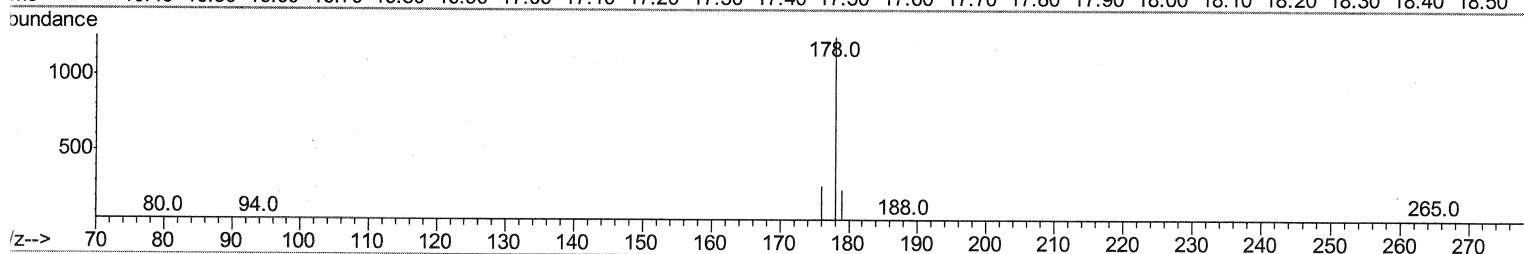
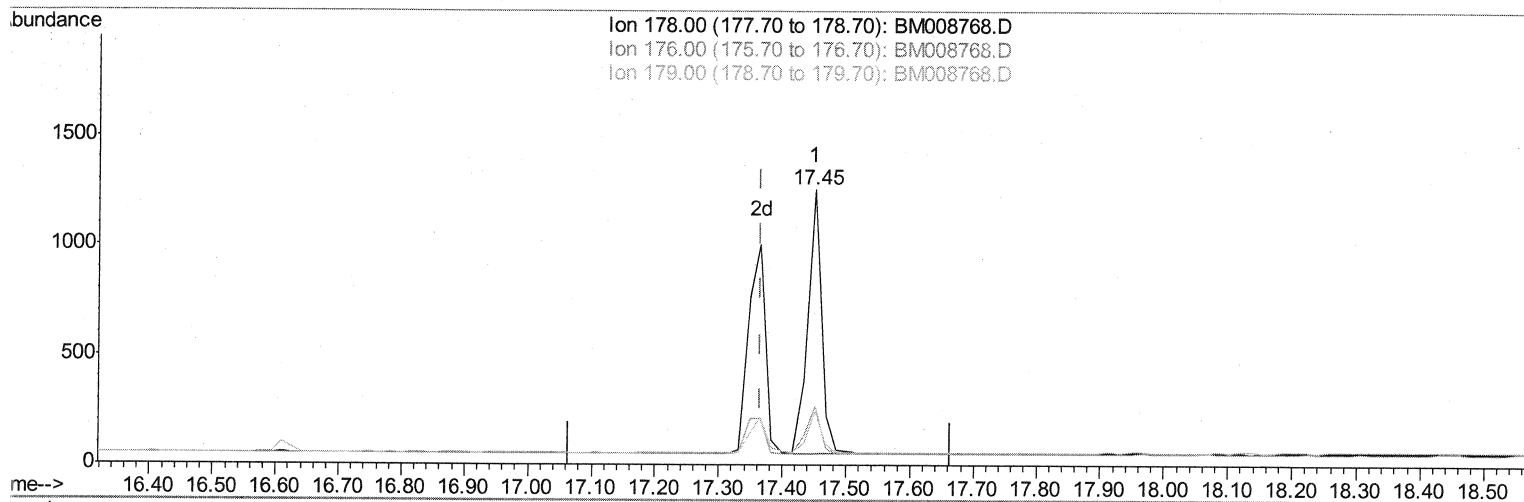
Data Path : Z:\HPCHEM1\BNA M\Data\BM011117\
Data File : BM008768.D
Acq On : 10 Jan 2017 13:30
Operator : UM/SJ
Sample : SSTDCCC0.4EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
LabSampleId :
SSTD0.466

Manual Integrations
APPROVED

mohammad
1/10/2017 6:10:33 PM

Quant Time: Jan 10 18:10:35 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM010917.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jan 09 13:24:07 2017
Response via : Initial Calibration



TIC: BM008768.D

(12) Phenanthrene

17.451min (+0.086) 0.38ng/ul

response 1780

Ion	Exp%	Act%
178.00	100	100
176.00	23.00	21.38
179.00	17.00	19.48
0.00	0.00	0.00

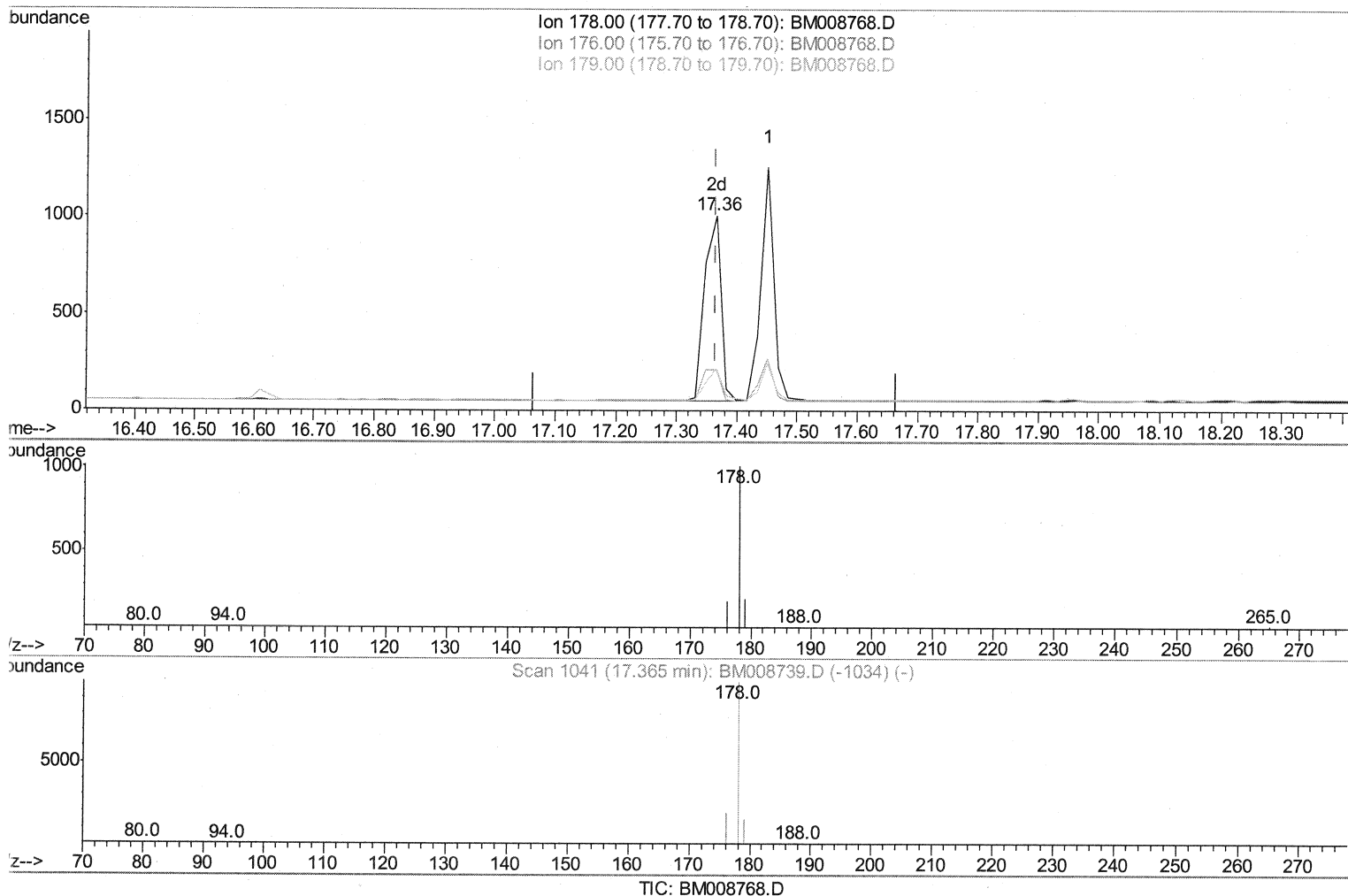
Data Path : Z:\HPCHEM1\BNA M\Data\BM011117\
Data File : BM008768.D
Acq On : 10 Jan 2017 13:30
Operator : UM/SJ
Sample : SSTDCCC0.4EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
LabSampleId :
SSTD0.466

Manual Integrations
APPROVED

mohammad
1/10/2017 6:10:33 PM

Quant Time: Jan 10 18:10:35 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM010917.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jan 09 13:24:07 2017
Response via : Initial Calibration



(12) Phenanthrene

17.365min (-0.000) 0.39ng/ul m SJ 01/16/17

response 1833

Ion	Exp%	Act%
178.00	100	100
176.00	23.00	20.71
179.00	17.00	21.80#
0.00	0.00	0.00

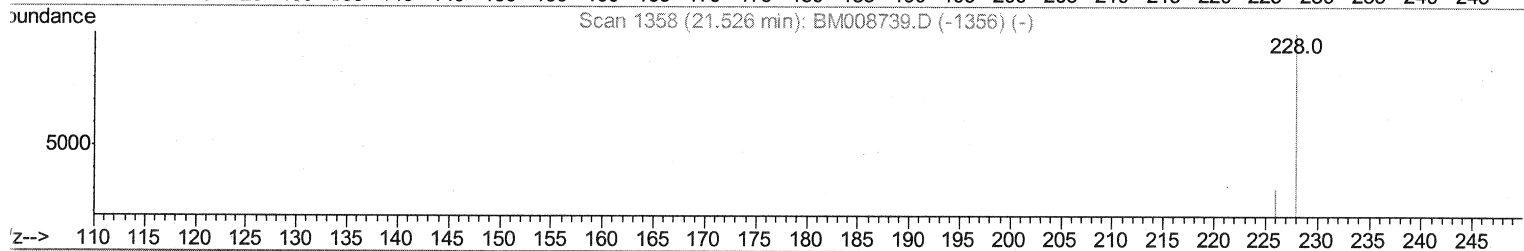
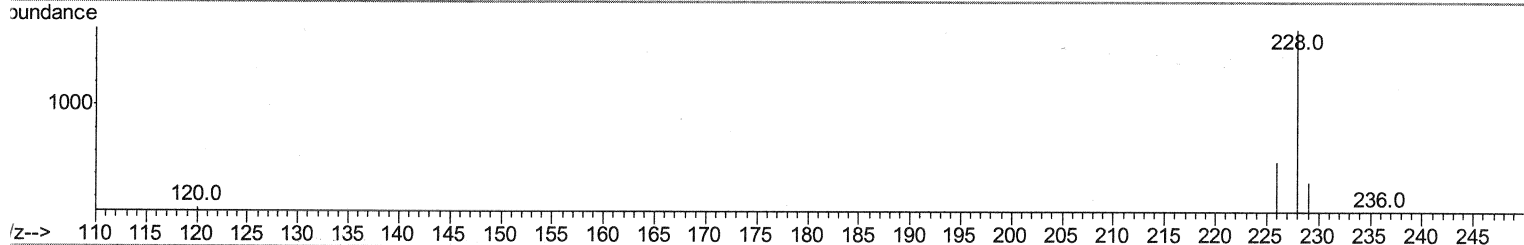
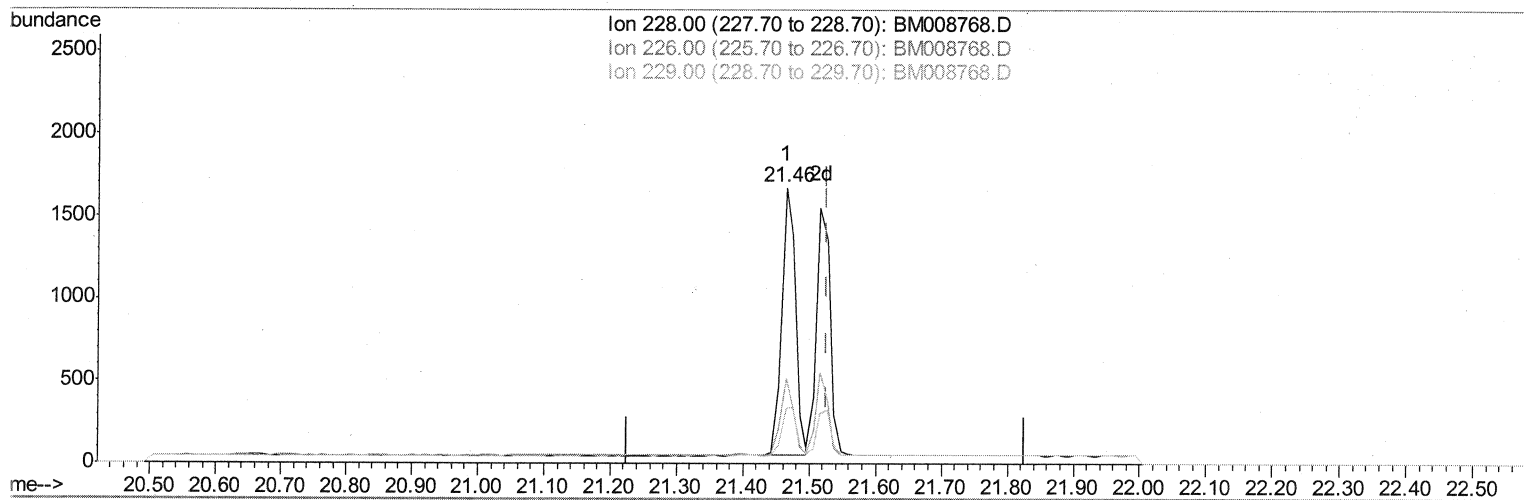
Data Path : Z:\HPCHEM1\BNA M\Data\BM011117\
Data File : BM008768.D
Acq On : 10 Jan 2017 13:30
Operator : UM/SJ
Sample : SSTDCCC0.4EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
LabSampleId :
SSTD0.466

Manual Integrations
APPROVED

mohammad
1/10/2017 6:10:33 PM

Quant Time: Jan 10 18:10:35 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM010917.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jan 09 13:24:07 2017
Response via : Initial Calibration



TIC: BM008768.D

(19) Chrysene

21.464min (-0.063) 0.41ng/ul

response 2295

Ion	Exp%	Act%
228.00	100	100
226.00	29.20	30.78
229.00	22.10	20.02
0.00	0.00	0.00

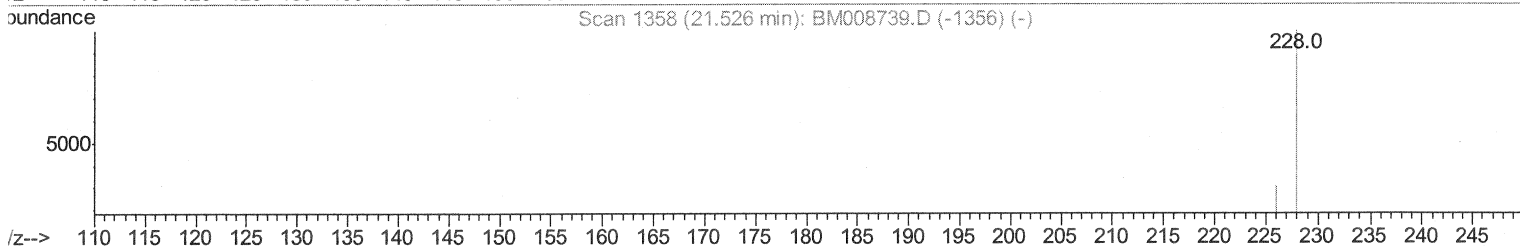
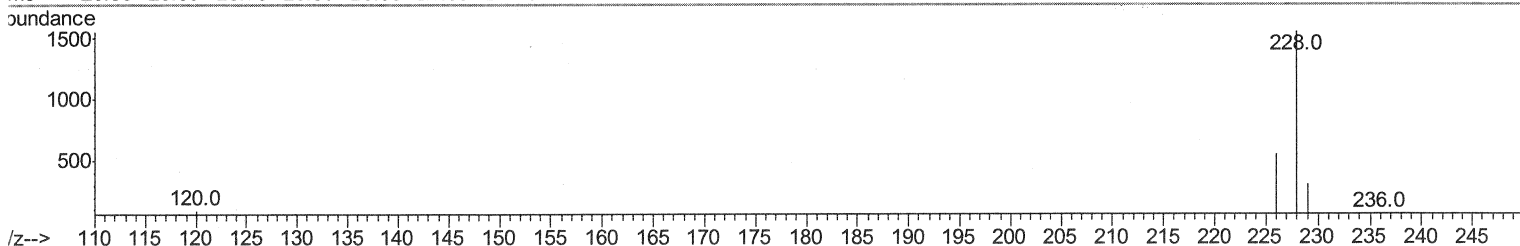
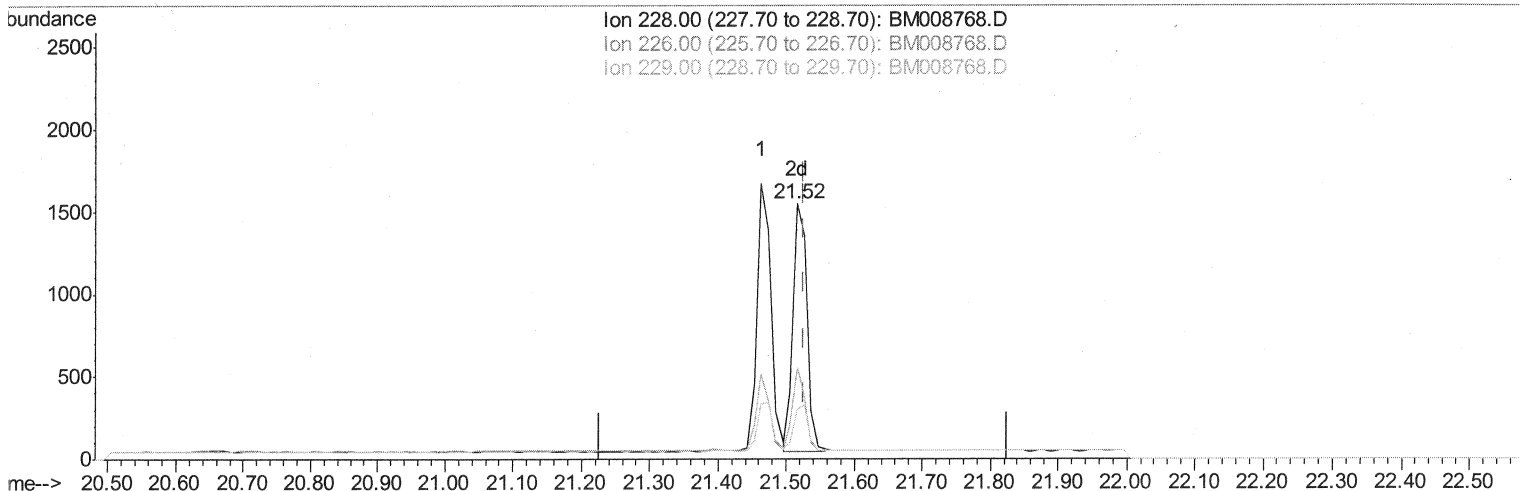
Data Path : Z:\HPCHEM1\BNA M\Data\BM011117\
 Data File : BM008768.D
 Acq On : 10 Jan 2017 13:30
 Operator : UM/SJ
 Sample : SSTDCCC0.4EC
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 LabSampleId :
 SSTD0.466

Manual Integrations
 APPROVED

mohammad
 1/10/2017 6:10:33 PM

Quant Time: Jan 10 18:10:35 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM010917.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 09 13:24:07 2017
 Response via : Initial Calibration



TIC: BM008768.D

(19) Chrysene

21.516min (-0.011) 0.38ng/ul m 52 01/16/17

response 2161

Ion	Exp%	Act%
228.00	100	100
226.00	29.20	35.59#
229.00	22.10	19.73
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA M\Data\BM011117\
 Data File : BM008768.D
 Acq On : 10 Jan 2017 13:30
 Operator : UM/SJ
 Sample : SSTDCCC0.4EC
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 LabSampleId :
 SSTD0.466

Manual Integrations
 APPROVED

mohammad
 1/10/2017 6:10:33 PM

Quant Time: Jan 10 18:12:18 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM010917.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 09 13:24:07 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.96	152	308	0.40	ng/ul	0.00
2) Naphthalene-d8	10.75	136	1035	0.40	ng/ul	-0.01
6) Acenaphthene-d10	14.59	164	719	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.31	188	1533	0.40	ng/ul	-0.02
16) Chrysene-d12	21.48	240	1604	0.40	ng/ul	-0.01
20) Perylene-d12	23.84	264	1514	0.40	ng/ul	-0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Methylnaphthalene-d10	12.34	152	707	0.41	ng/ul	0.00
14) Fluoranthene-d10	19.34	212	1877	0.42	ng/ul	-0.01

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
3) Naphthalene	10.80	128	1118	0.39	ng/ul	94
5) 2-Methylnaphthalene	12.41	142	831	0.40	ng/ul	96
7) Acenaphthylene	14.30	152	1274	0.40	ng/ul	96
8) Acenaphthene	14.64	153	890	0.39	ng/ul	97
9) Fluorene	15.63	166	1108	0.39	ng/ul	97
11) Pentachlorophenol	16.97	266	293	0.42	ng/ul	92
12) Phenanthrene	17.36	178	1833m>	0.39	ng/ul	98
13) Anthracene	17.45	178	1796	0.39	ng/ul	98
15) Fluoranthene	19.37	202	2331	0.40	ng/ul	98
17) Pyrene	19.73	202	2409	0.38	ng/ul	98
18) Benzo(a)anthracene	21.46	228	2295	0.39	ng/ul	96
19) Chrysene	21.52	228	2161m>	0.38	ng/ul	96
21) Benzo(b)fluoranthene	23.12	252	2307	0.36	ng/ul	93
22) Benzo(k)fluoranthene	23.17	252	2255	0.40	ng/ul#	88
23) Benzo(a)pyrene	23.74	252	2167	0.37	ng/ul#	90
24) Indeno(1,2,3-cd)pyrene	26.25	276	2685	0.39	ng/ul#	86
25) Dibenzo(a,h)anthracene	26.27	278	2162	0.39	ng/ul#	90
26) Benzo(g,h,i)perylene	26.99	276	2296	0.38	ng/ul#	89

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