

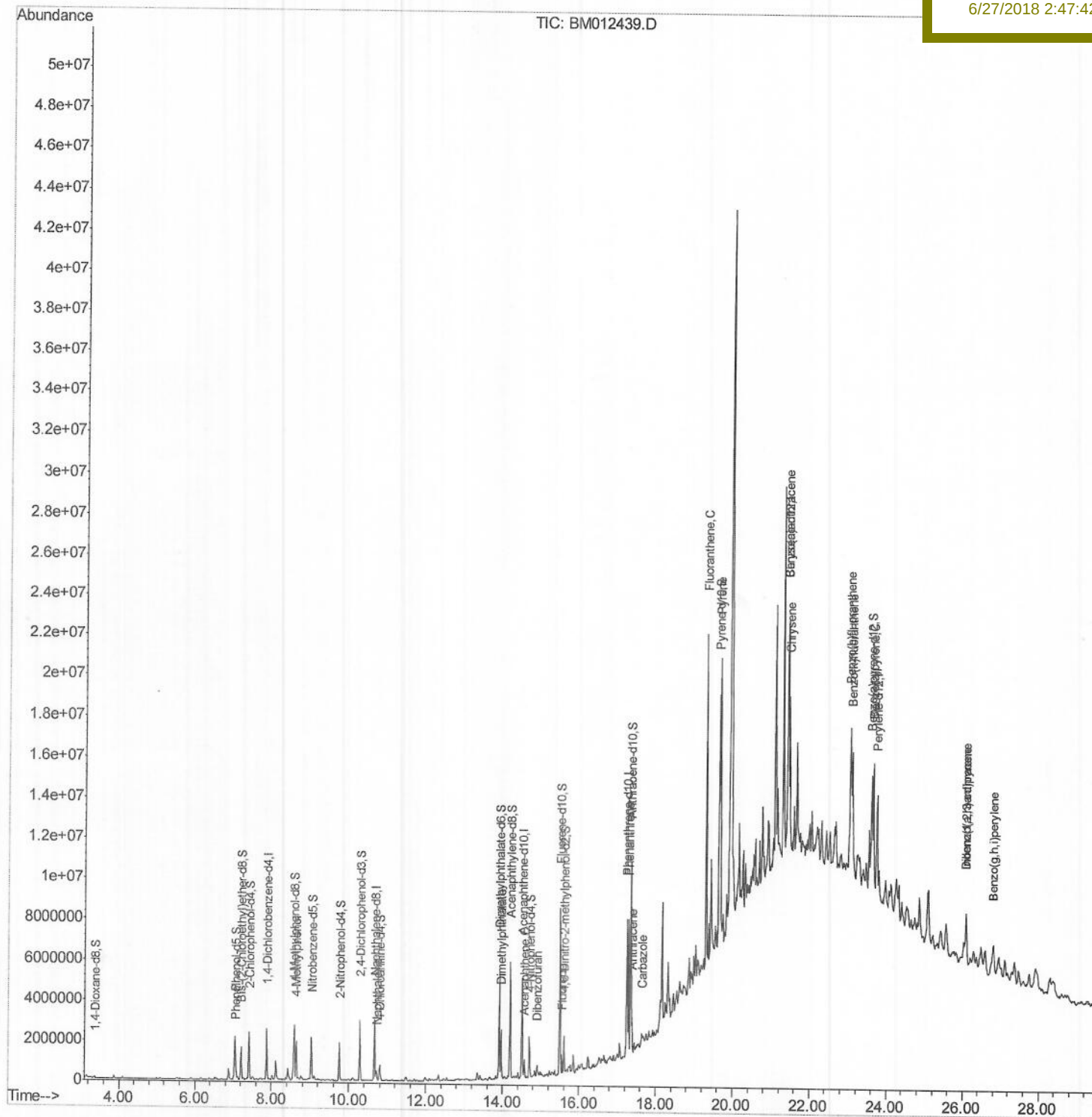
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM102517\
Data File : BM012439.D
Acq On : 25 Oct 2017 11:14
Operator : SJ/JU
Sample : I5693-02
Misc :
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Jun 25 01:23:58 2018
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM102417.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Oct 26 01:09:36 2017
Response via : Initial Calibration

Instrument :
BNA_M
Client Sample Id :
B-55(3.5-5)-100317

Manual Integrations
APPROVED

Sohil
6/27/2018 2:47:42 PM



Quantitation Report (Qedit)

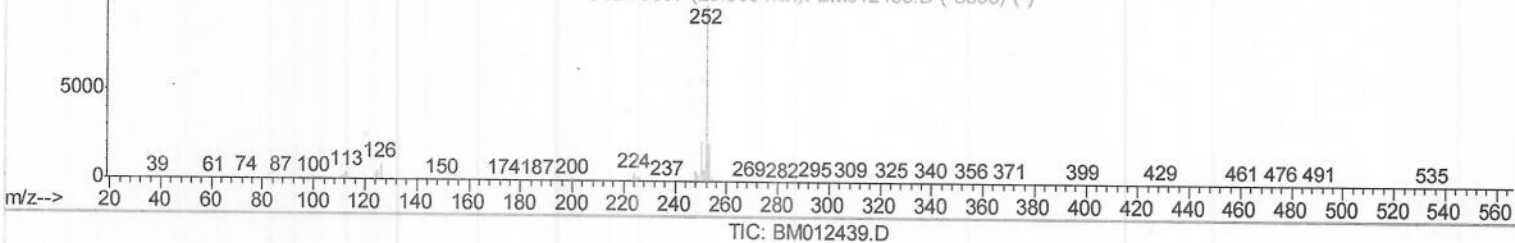
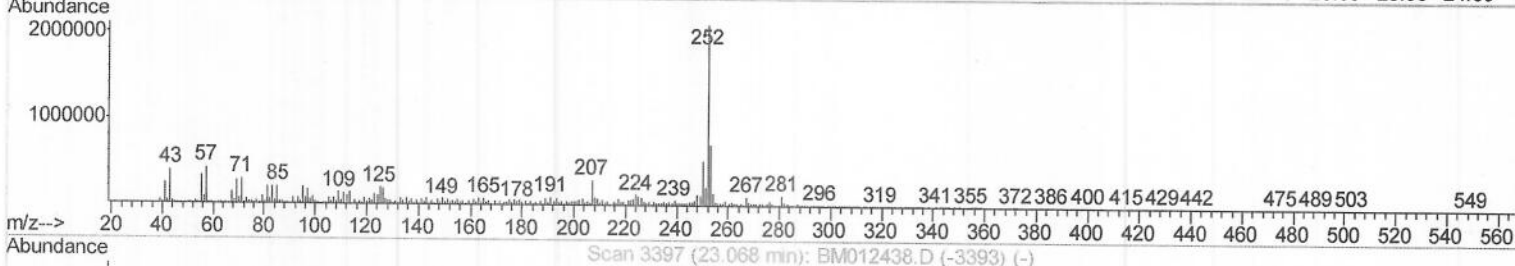
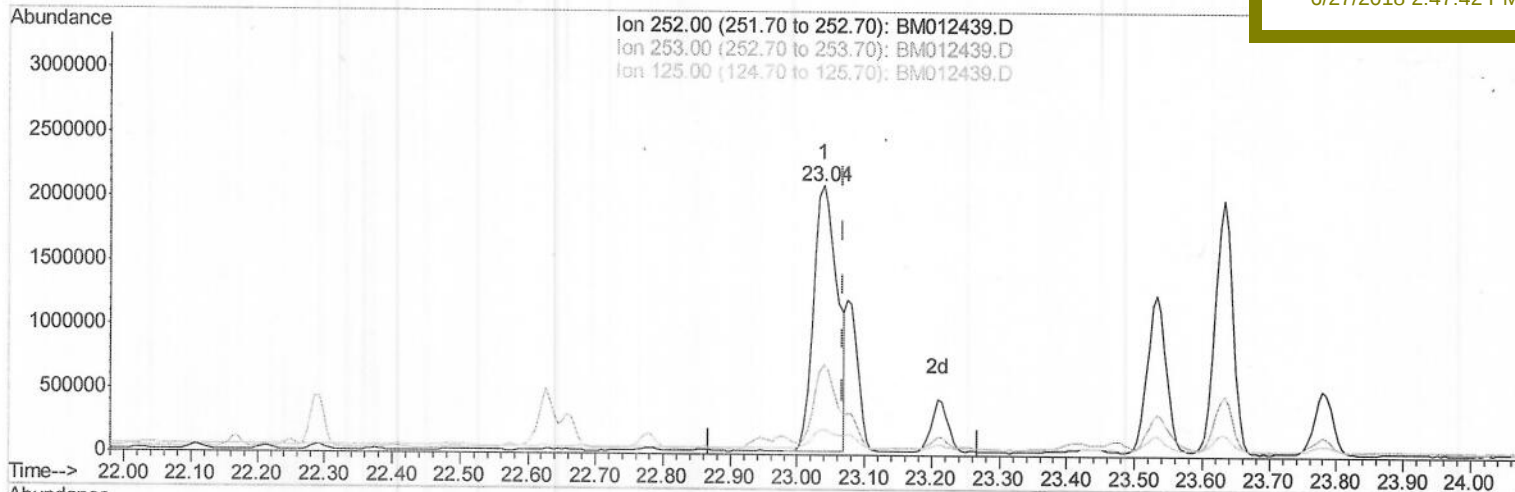
Data Path : Z:\HPCHEM1\BNA M\DATA\BM102517\
Data File : BM012439.D
Acq On : 25 Oct 2017 11:14
Operator : SJ/JU
Sample : I5693-02
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
B-55(3.5-5)-100317

Quant Time: Oct 26 01:10:34 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM102417.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Oct 26 01:09:36 2017
Response via : Initial Calibration

Manual Integrations
APPROVED

Sohil
6/27/2018 2:47:42 PM



(86) Benzo(k)fluoranthene

23.038min (-0.030) 26.25ng/ul

response 5117618

Ion	Exp%	Act%
252.00	100	100
253.00	21.40	33.52#
125.00	4.30	9.34#
0.00	0.00	0.00

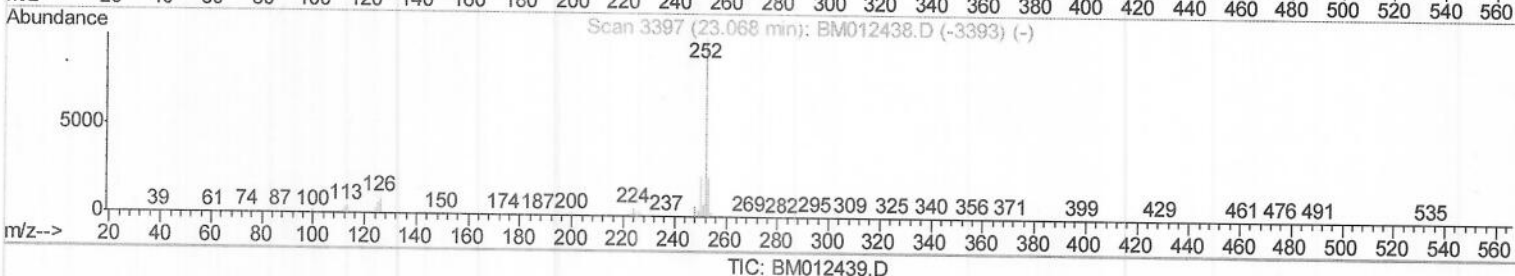
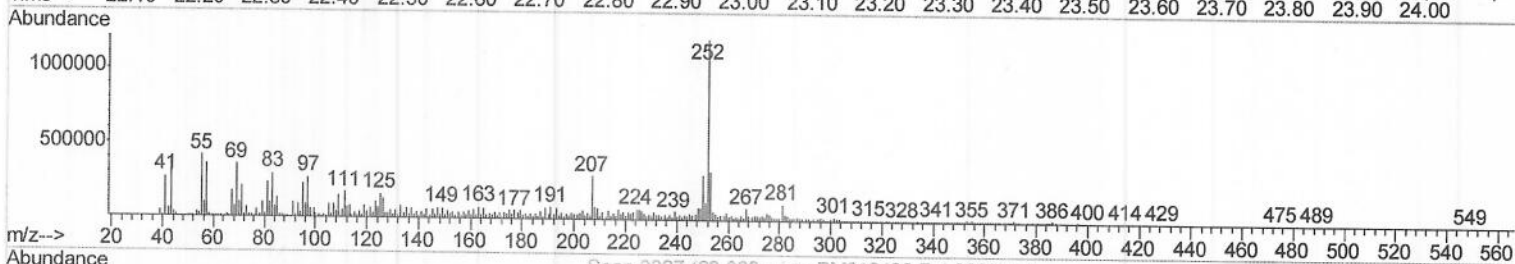
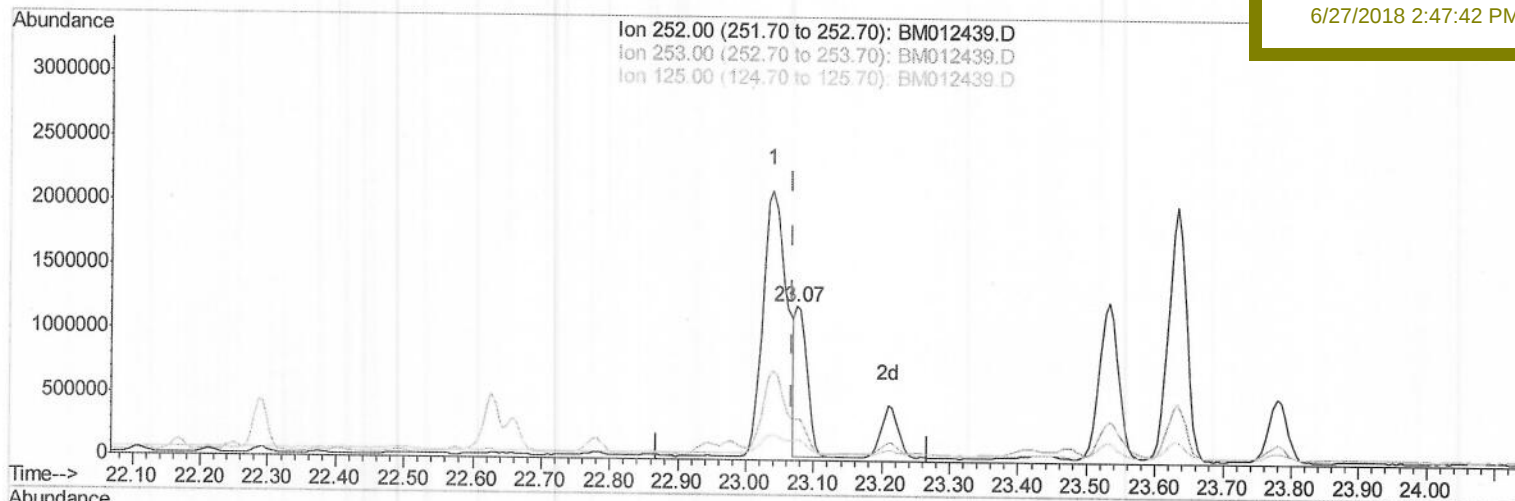
Data Path : Z:\HPCHEM1\BNA M\DATA\BM102517\
Data File : BM012439.D
Acq On : 25 Oct 2017 11:14
Operator : SJ/JU
Sample : I5693-02
Misc :
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Oct 26 01:10:34 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM102417.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Oct 26 01:09:36 2017
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
B-55(3.5-5)-100317

Manual Integrations
APPROVED

Sohil
6/27/2018 2:47:42 PM



(86) Benzo(k)fluoranthene

23.074min (+0.005) 7.62ng/ul m > 55 06/27/18

response 1485225

Ion	Exp%	Act%
252.00	100	100
253.00	21.40	26.94#
125.00	4.30	13.35#
0.00	0.00	0.00

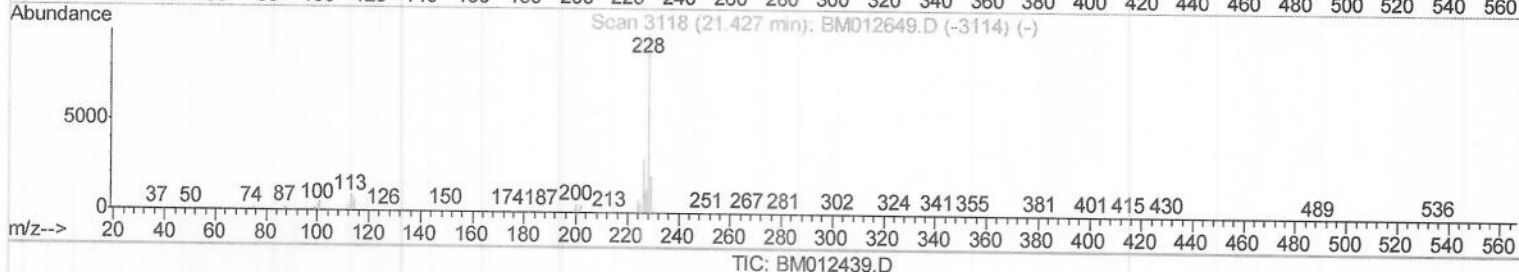
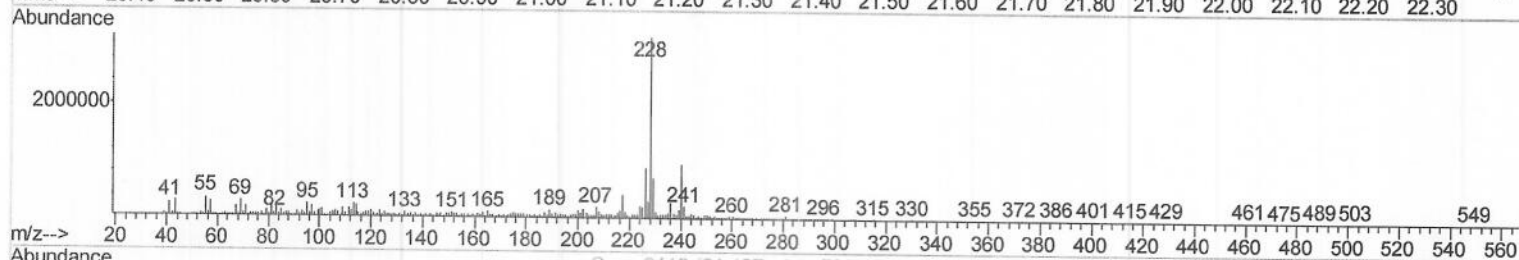
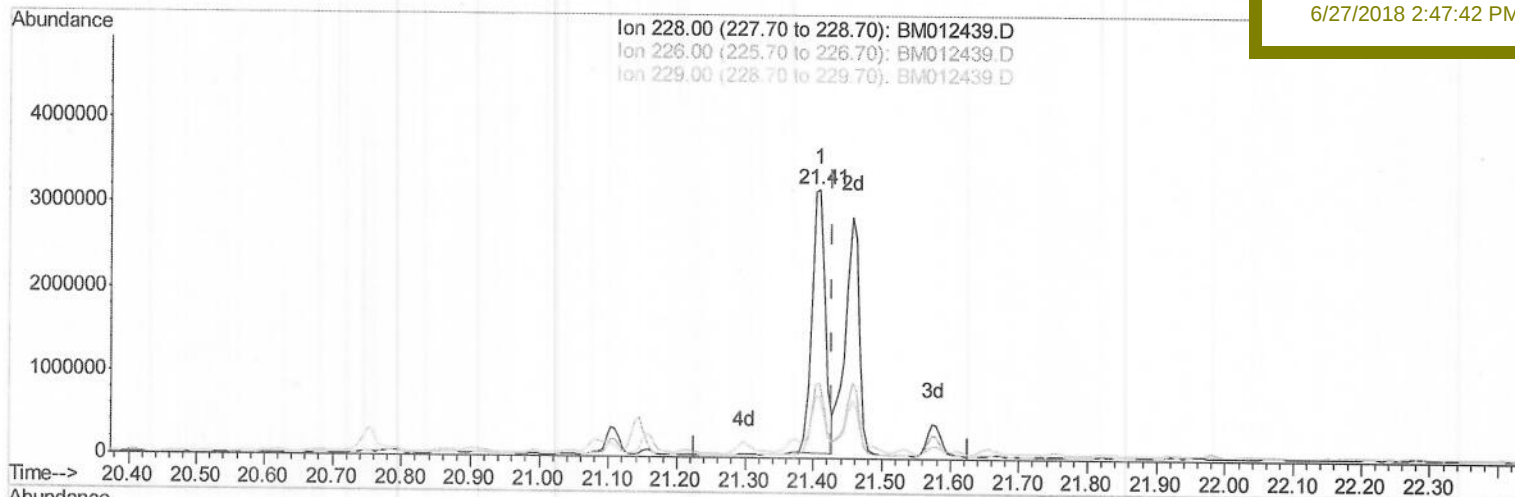
Data Path : Z:\HPCHEM1\BNA M\Data\BM102517\
Data File : BM012439.D
Acq On : 25 Oct 2017 11:14
Operator : SJ/JU
Sample : I5693-02
Misc :
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Nov 02 08:55:48 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM102417.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Nov 02 07:23:43 2017
Response via : Initial Calibration

Instrument :
BNA_M
Client Sample Id :
B-55(3.5-5)-100317

Manual Integrations
APPROVED

Sohil
6/27/2018 2:47:42 PM



(82) Chrysene

21.409min (-0.018) 21.80ng/ul

response 4307179

Ion	Exp%	Act%
228.00	100	100
226.00	29.30	28.13
229.00	19.40	22.95
0.00	0.00	0.00

Quantitation Report (Qedit)

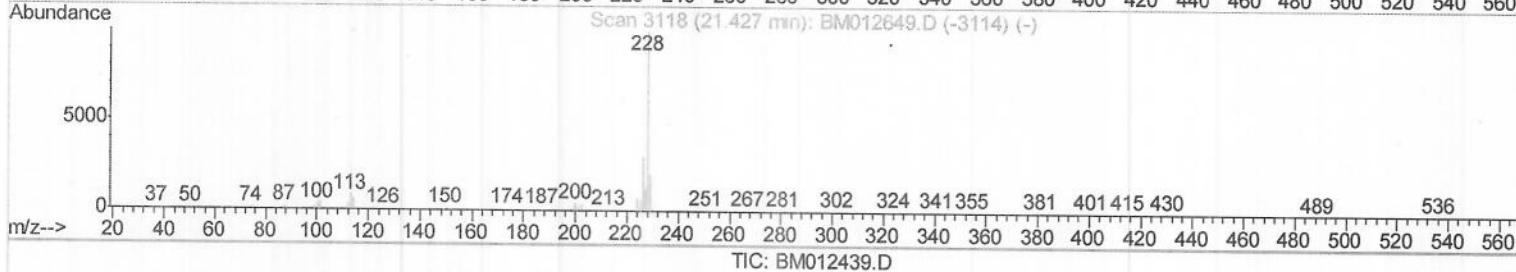
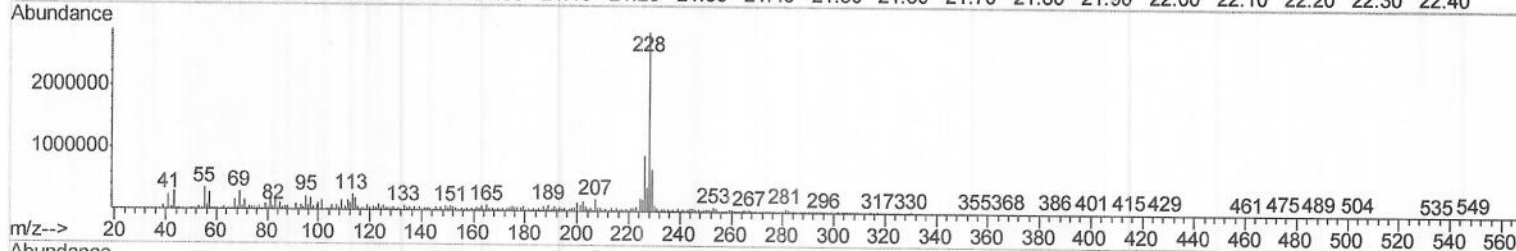
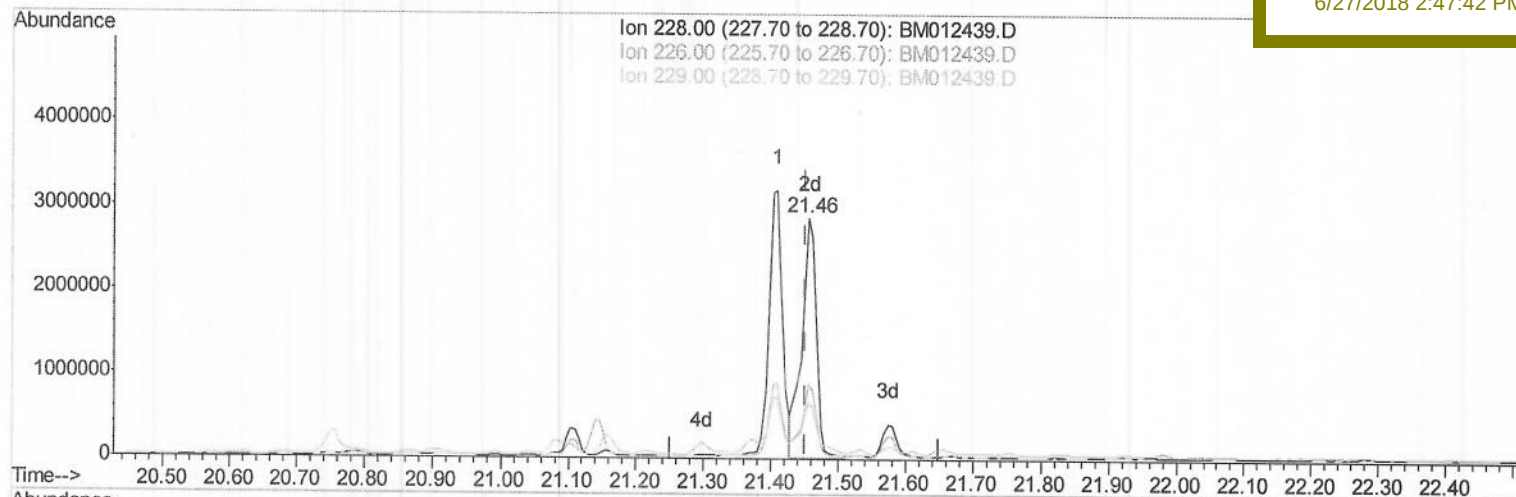
Data Path : Z:\HPCHEM1\BNA M\Data\BM102517\
Data File : BM012439.D
Acq On : 25 Oct 2017 11:14
Operator : SJ/JU
Sample : I5693-02
Misc :
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Oct 26 10:25:56 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM102417.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Oct 26 01:09:36 2017
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
B-55(3.5-5)-100317

Manual Integrations
APPROVED

Sohil
6/27/2018 2:47:42 PM



(82) Chrysene

21.456min (+0.005) 21.43ng/ul m *SJ 06/27/18*

response 4234471

Ion	Exp%	Act%
228.00	100	100
226.00	29.30	31.28
229.00	19.40	23.88#
0.00	0.00	0.00

Quantitation Report (Qedit)

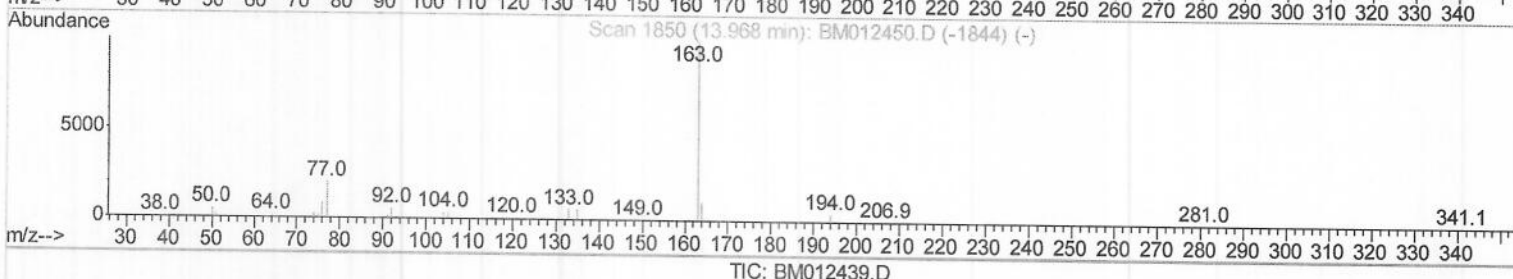
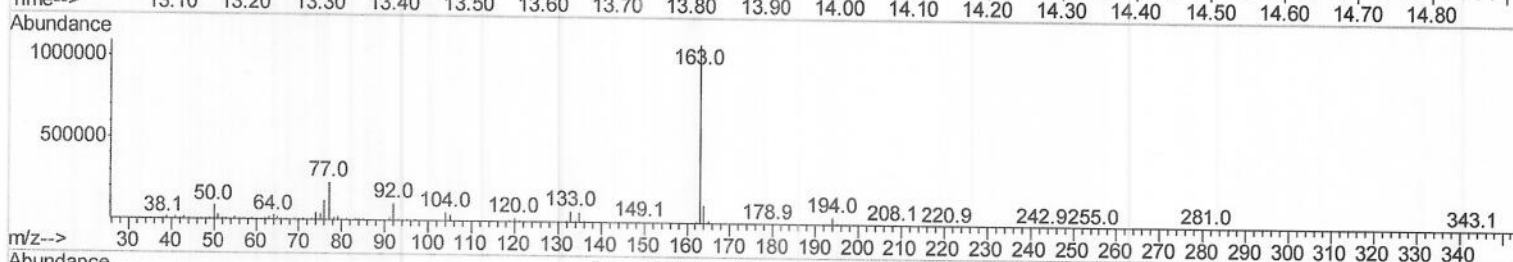
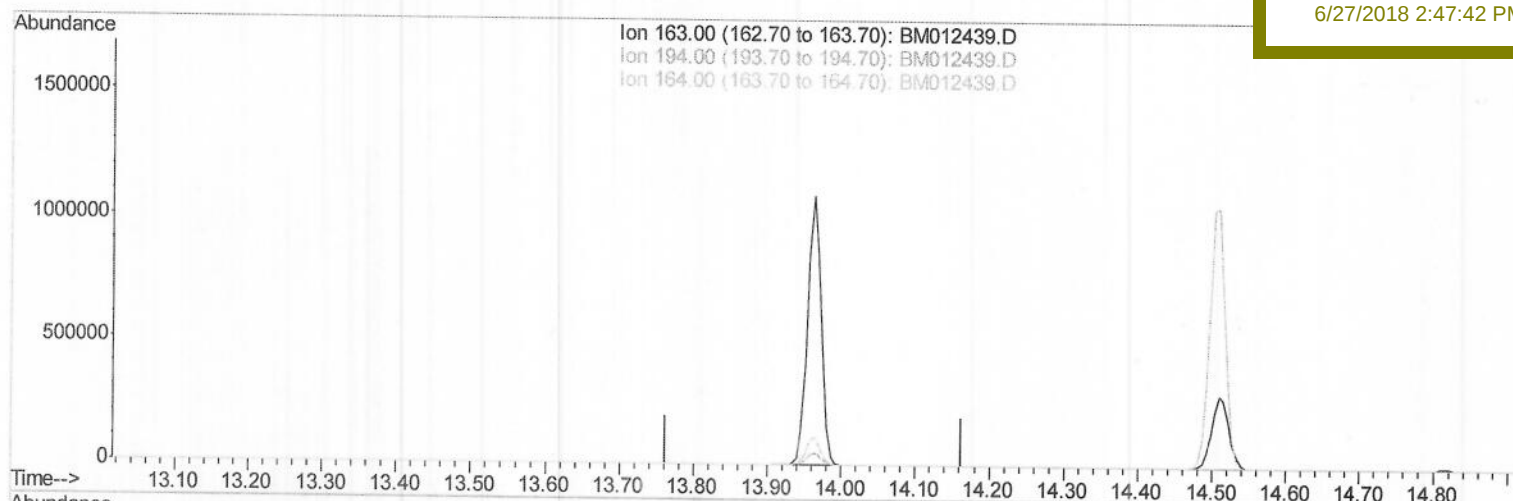
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM102517\
 Data File : BM012439.D
 Acq On : 25 Oct 2017 11:14
 Operator : SJ/JU
 Sample : I5693-02
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Quant Time: Oct 26 10:25:56 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM102417.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Oct 26 01:09:36 2017
 Response via : Initial Calibration

Instrument :
 BNA_M
 ClientSampleId :
 B-55(3.5-5)-100317

Manual Integrations
 APPROVED

Sohil
 6/27/2018 2:47:42 PM



(44) Dimethylphthalate

13.963min (-13.963) 0.00ng/ul

response 0

Ion	Exp%	Act%
163.00	100	0.00
194.00	4.40	0.00
164.00	10.30	0.00
0.00	0.00	0.00

TIC: BM012439.D

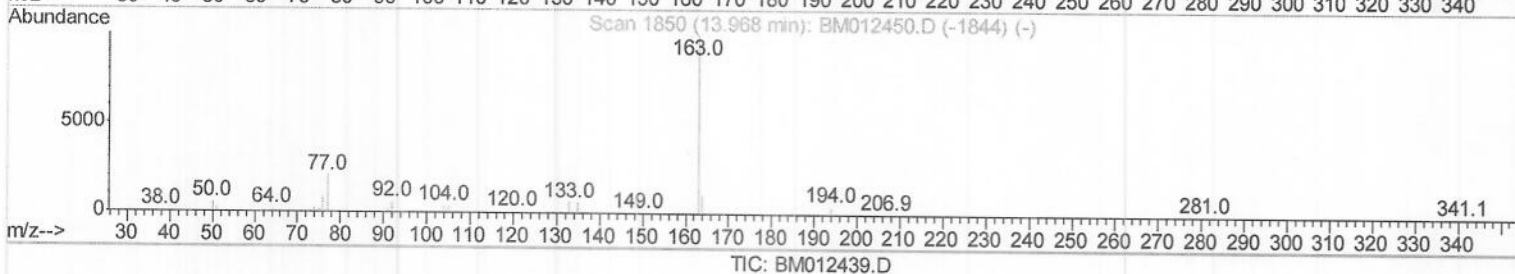
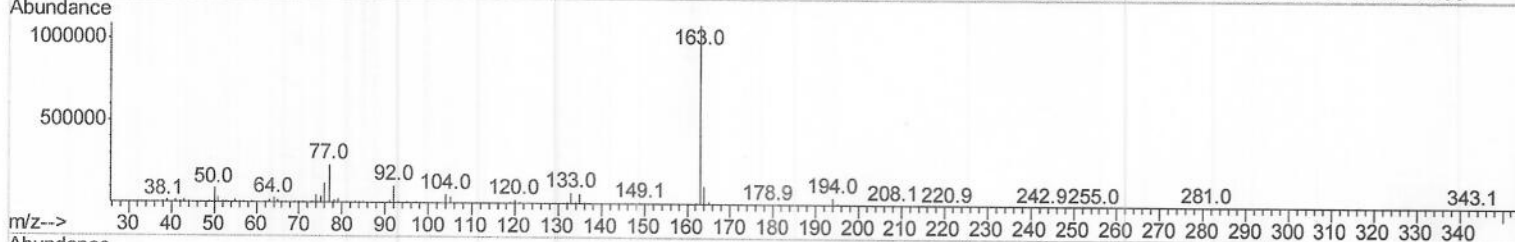
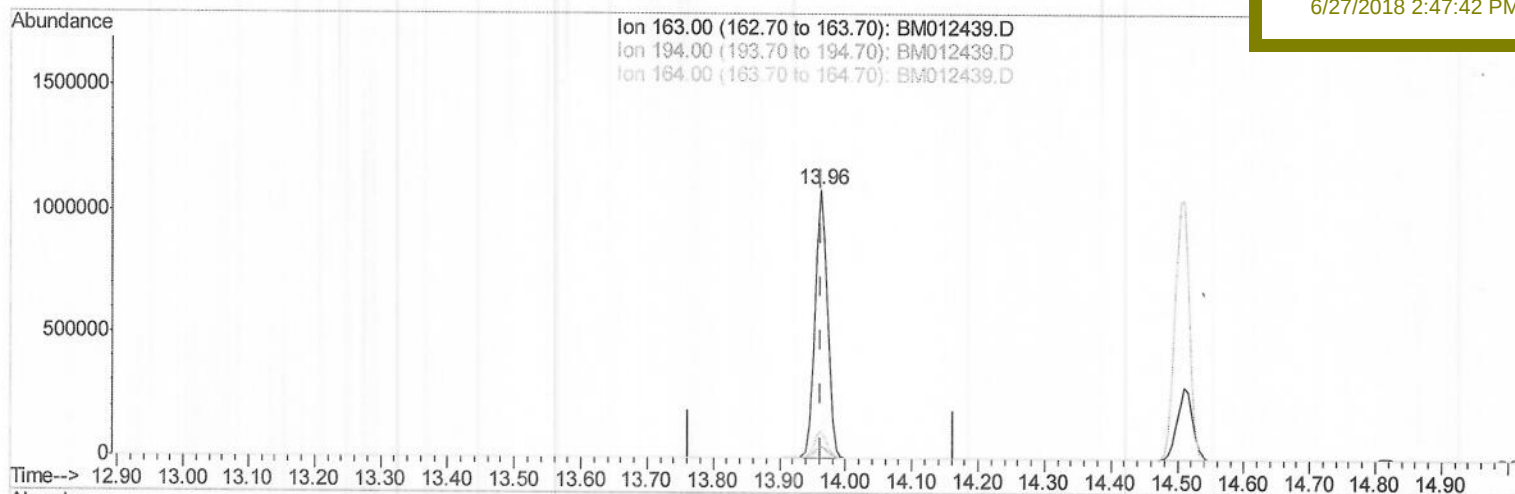
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM102517\
Data File : BM012439.D
Acq On : 25 Oct 2017 11:14
Operator : SJ/JU
Sample : I5693-02
Misc :
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Oct 26 10:25:56 2017
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102417.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Oct 26 01:09:36 2017
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
B-55(3.5-5)-100317

Manual Integrations
APPROVED

Sohil
6/27/2018 2:47:42 PM



(44) Dimethylphthalate

13.963min (-0.000) 10.46ng/ul m

5506/27/18

response 1418495

Ion	Exp%	Act%
163.00	100	100
194.00	4.40	4.29
164.00	10.30	10.13
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM102517\
 Data File : BM012439.D
 Acq On : 25 Oct 2017 11:14
 Operator : SJ/JU
 Sample : I5693-02
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_M
 Client Sampled :
 B-55(3.5-5)-100317

Quant Time: Jun 25 01:23:58 2018
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102417.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Oct 26 01:09:36 2017
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Sohil
 6/27/2018 2:47:42 PM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.88	152	556316	20.00	ng/ul	0.00
18) Naphthalene-d8	10.67	136	2377442	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.51	164	1569406	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.24	188	3861544	20.00	ng/ul	0.00
75) Chrysene-d12	21.42	240	3711035	20.00	ng/ul	0.00
83) Perylene-d12	23.73	264	3351433	20.00	ng/ul	0.02

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.36	96	46906	4.31	ng/uL	0.00
5) Phenol-d5	7.05	99	1118864	24.07	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.21	67	669071	24.25	ng/ul	0.00
9) 2-Chlorophenol-d4	7.42	132	893477	25.67	ng/ul	0.00
13) 4-Methylphenol-d8	8.59	113	962469	24.23	ng/ul	0.00
19) Nitrobenzene-d5	9.03	128	443599	29.79	ng/ul	0.00
22) 2-Nitrophenol-d4	9.75	143	521012	33.96	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.29	165	1031000	25.37	ng/ul	0.00
29) 4-Chloroaniline-d4	10.80	131	391608	9.14	ng/ul	0.00
43) Dimethylphthalate-d6	13.92	166	3315114	24.18	ng/ul	0.00
46) Acenaphthylene-d8	14.20	160	4133897	25.49	ng/ul	0.00
51) 4-Nitrophenol-d4	14.70	143	398595	19.56	ng/ul	0.00
57) Fluorene-d10	15.50	176	3009131	25.93	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.61	200	395114	21.14	ng/ul	0.00
70) Anthracene-d10	17.34	188	4842823	26.32	ng/ul	0.00
76) Pyrene-d10	19.63	212	5302879	31.15	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.59	264	4150480	26.07	ng/ul	0.02

Target Compounds

					Ovalue	
6) Phenol	7.07	94	251601	5.200	ng/ul	91
16) 4-Methylphenol	8.64	108	600072	15.027	ng/ul#	78
28) Naphthalene	10.72	128	353610	3.000	ng/ul	99
44) Dimethylphthalate	13.96	163	1418495m)	10.459	ng/ul	
49) Acenaphthene	14.57	153	334282	3.153	ng/ul	98
53) Dibenzofuran	14.90	168	236805	1.509	ng/ul	95
58) Fluorene	15.55	166	389456	2.935	ng/ul	100
69) Phenanthrene	17.29	178	4122736	19.742	ng/ul	99
71) Anthracene	17.38	178	1181014	5.472	ng/ul	97
72) Carbazole	17.64	167	280479	1.569	ng/ul#	93
74) Fluoranthene	19.30	202	8880653	37.531	ng/ul#	93
77) Pyrene	19.66	202	8340943	39.524	ng/ul#	92
80) Benzo(a)anthracene	21.41	228	4307179	19.382	ng/ul	95
82) Chrysene	21.46	228	4234471m)	21.432	ng/ul	
85) Benzo(b)fluoranthene	23.04	252	5117618	24.702	ng/ul#	78
86) Benzo(k)fluoranthene	23.07	252	1485225m)	7.617	ng/ul	
88) Benzo(a)pyrene	23.63	252	3659202	18.525	ng/ul#	96
89) Indeno(1,2,3-cd)pyrene	26.08	276	2332936	10.035	ng/ul#	96
90) Dibenzo(a,h)anthracene	26.09	278	617509	3.133	ng/ul#	74
91) Benzo(a,h,i)perylene	26.80	276	1926670	10.226	ng/ul#	94

SJ 06/27/18

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