

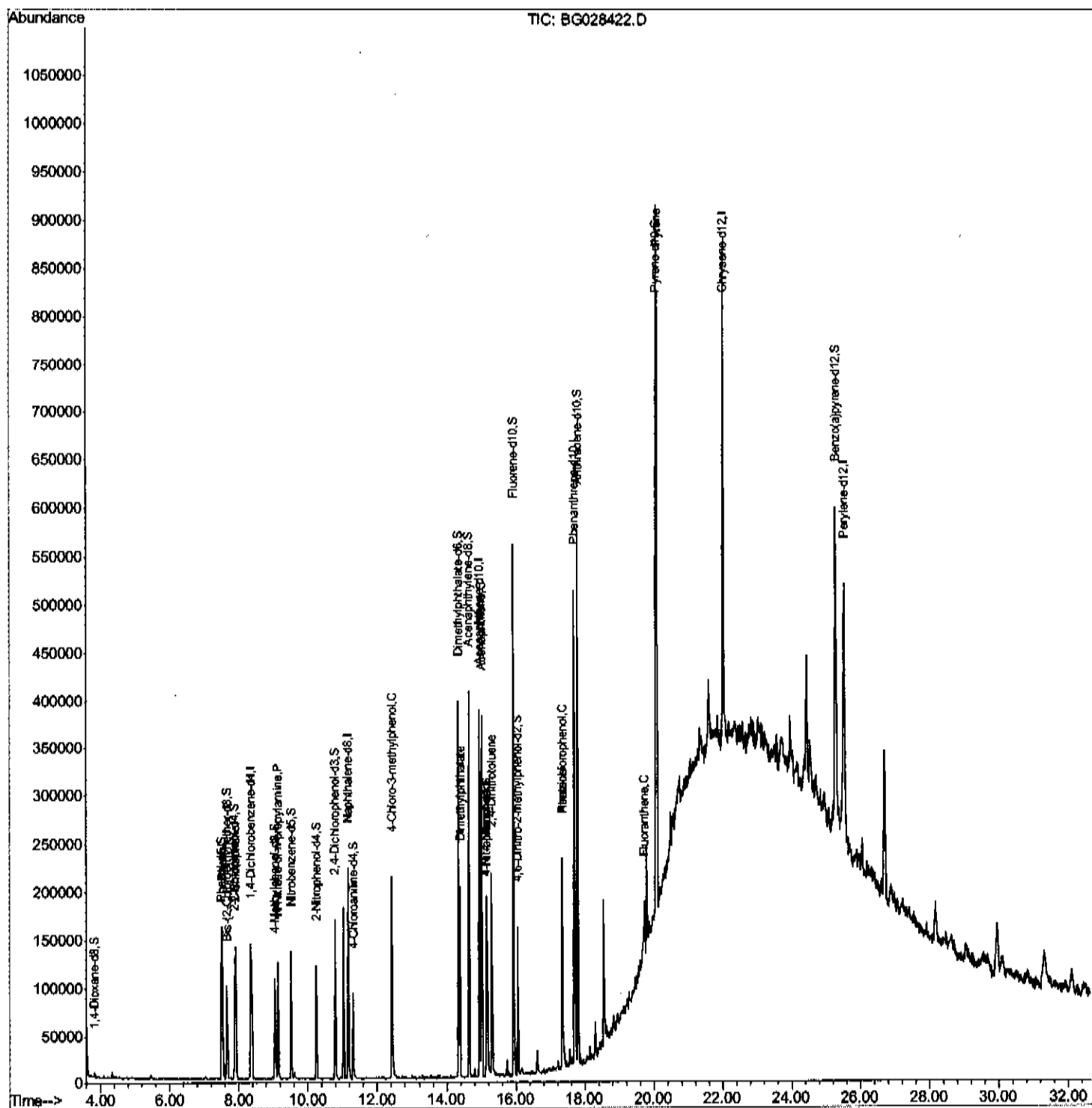
Data Path : U:\HPCHEM1\BNA G\DATA\BG082217\
Data File : BG028422.D
Acq On : 22 Aug 2017 17:18
Operator : SJ/JU
Sample : I4713-06MSD
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
E7GB4MSD

Manual Integrations
APPROVED

Sohil
8/23/2017 3:02:06 PM

Quant Time: Aug 23 05:25:49 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG080217.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Aug 23 02:58:29 2017
Response via : Initial Calibration



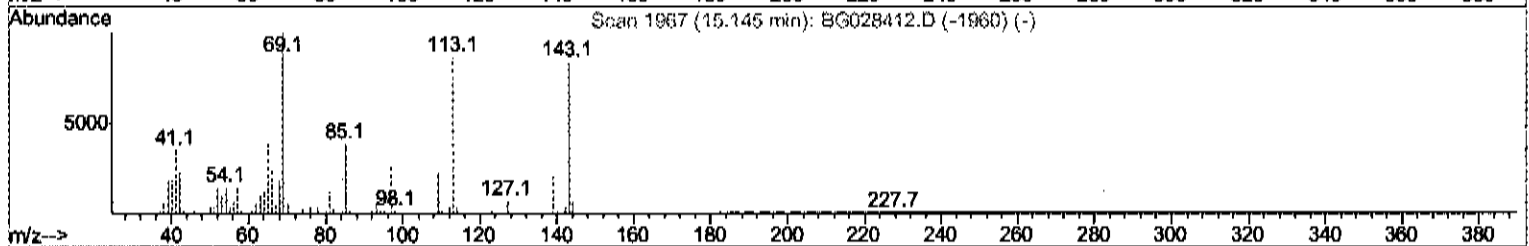
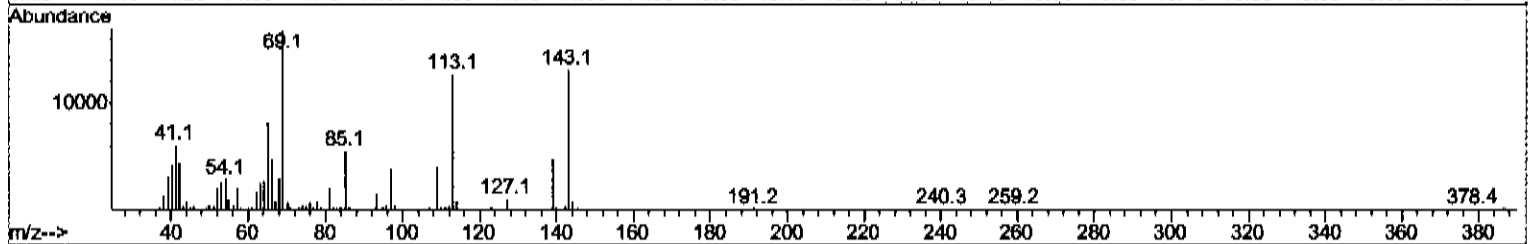
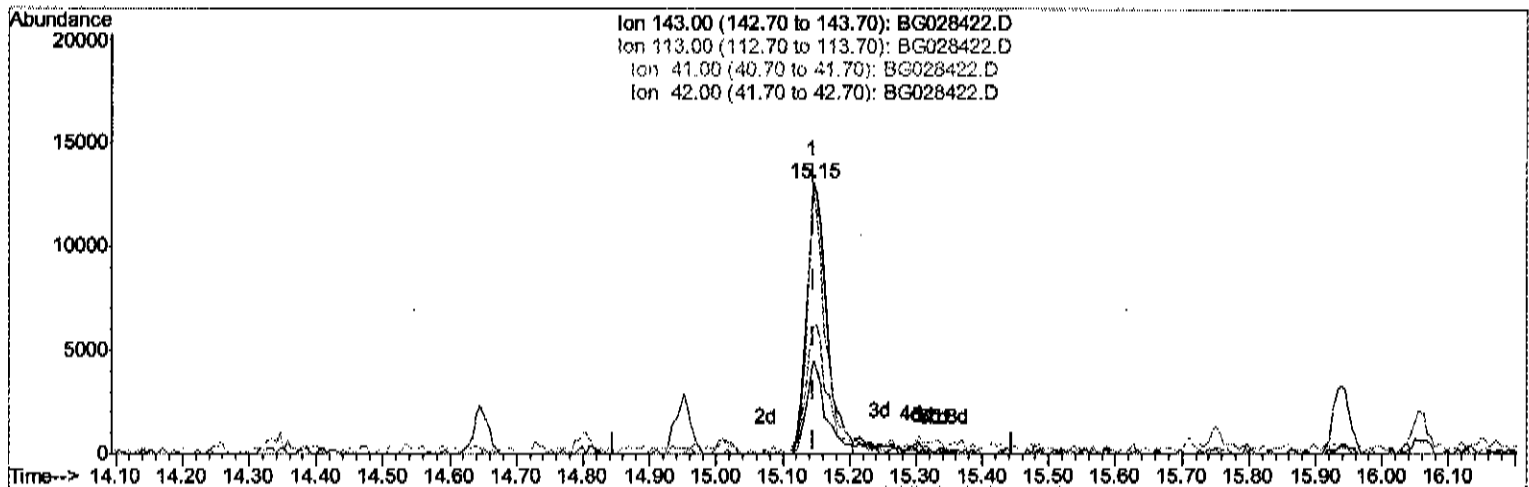
Data Path : U:\HPCHEM1\BNA G\DATA\BG082217\
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Quant Time: Aug 23 03:47:14 2017
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TIC: BG028422.D

(51) 4-Nitrophenol-d4 (S)

15.145min (-0.000) 14.16ng/ul

response 27516

Ion	Exp%	Act%
143.00	100	100
113.00	117.30	96.62
41.00	58.00	46.76
42.00	42.20	34.37

Quantitation Report (Qedit)

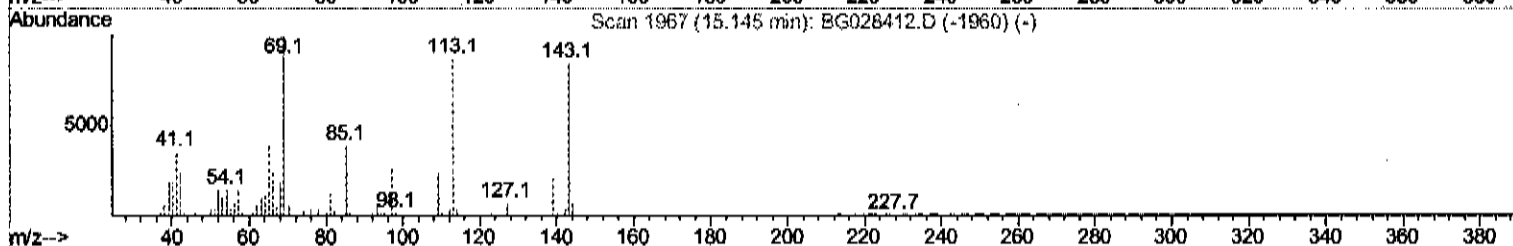
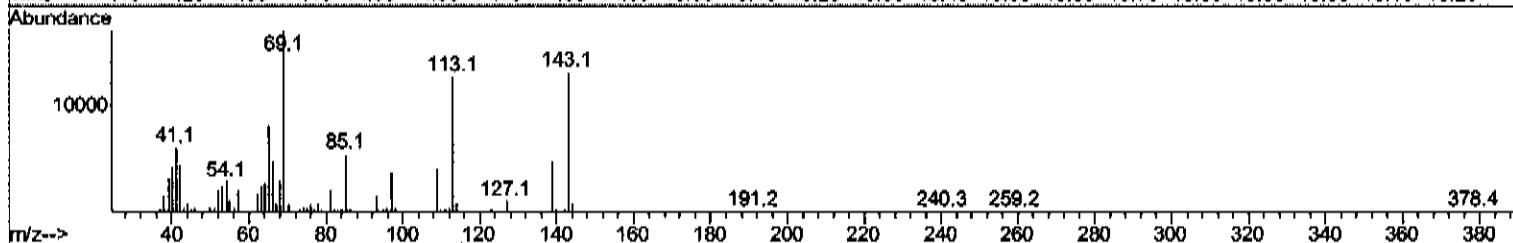
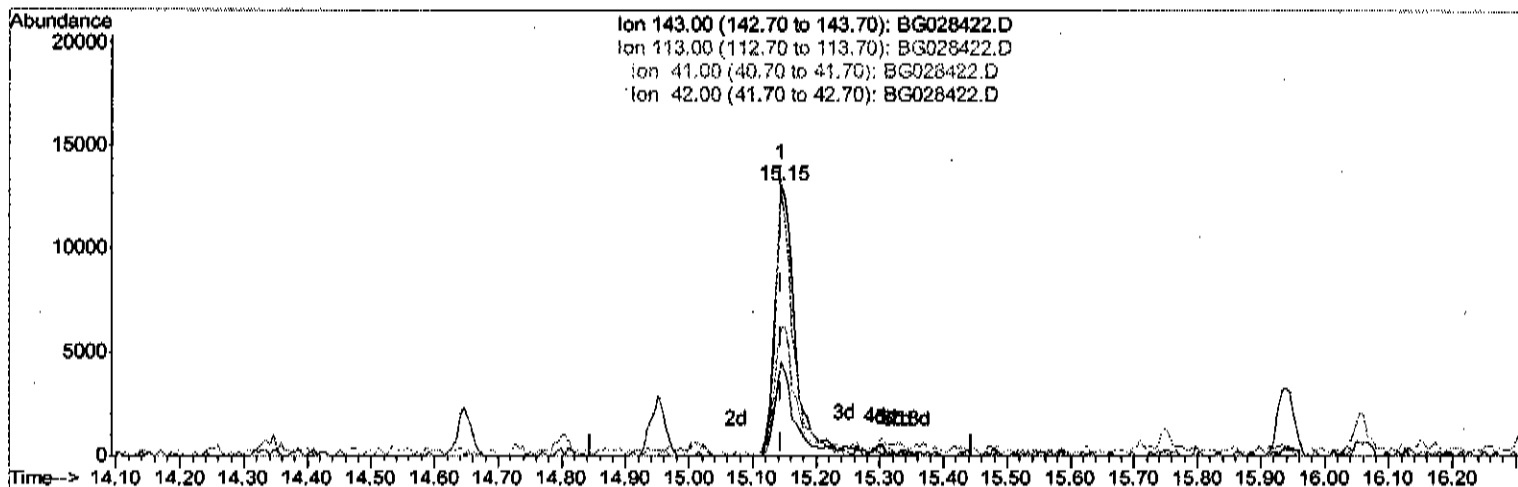
Data Path : U:\HPCHEM1\BNA G\DATA\BG082217\
 Data File : BG028422.D
 Acq On : 22 Aug 2017 17:18
 Operator : SJ/JU
 Sample : I4713-06MSD
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 E7GB4MSD

Manual Integrations
 APPROVED

Sohil
 8/23/2017 3:02:06 PM

Quant Time: Aug 23 03:47:14 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG080217.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Aug 23 02:58:29 2017
 Response via : Initial Calibration



TIC: BG028422.D

(51) 4-Nitrophenol-d4 (S)

15.145min (-0.000) 15.22ng/ul m

response 29577

Ion	Exp%	Act%
143.00	100	100
113.00	117.30	96.62
41.00	58.00	46.76
42.00	42.20	34.37

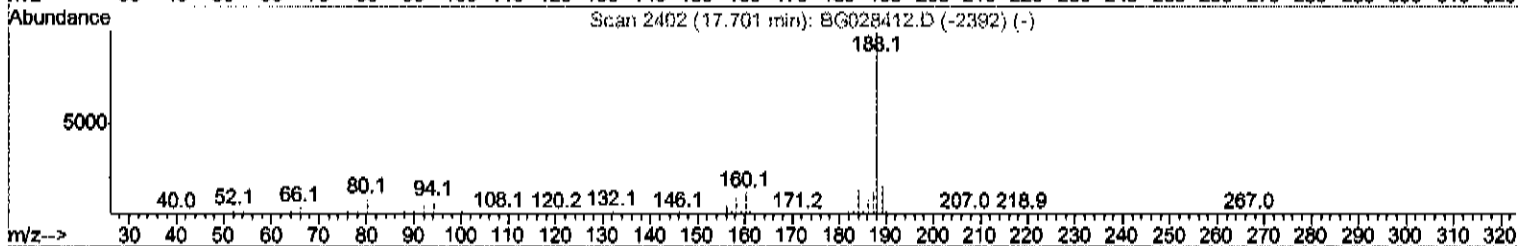
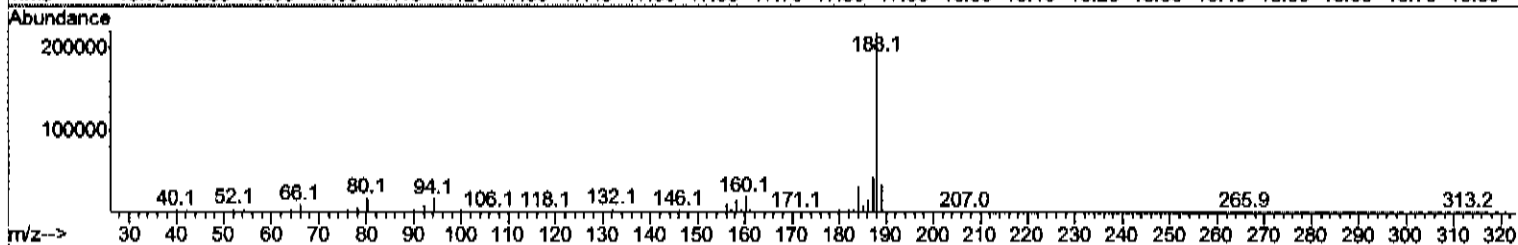
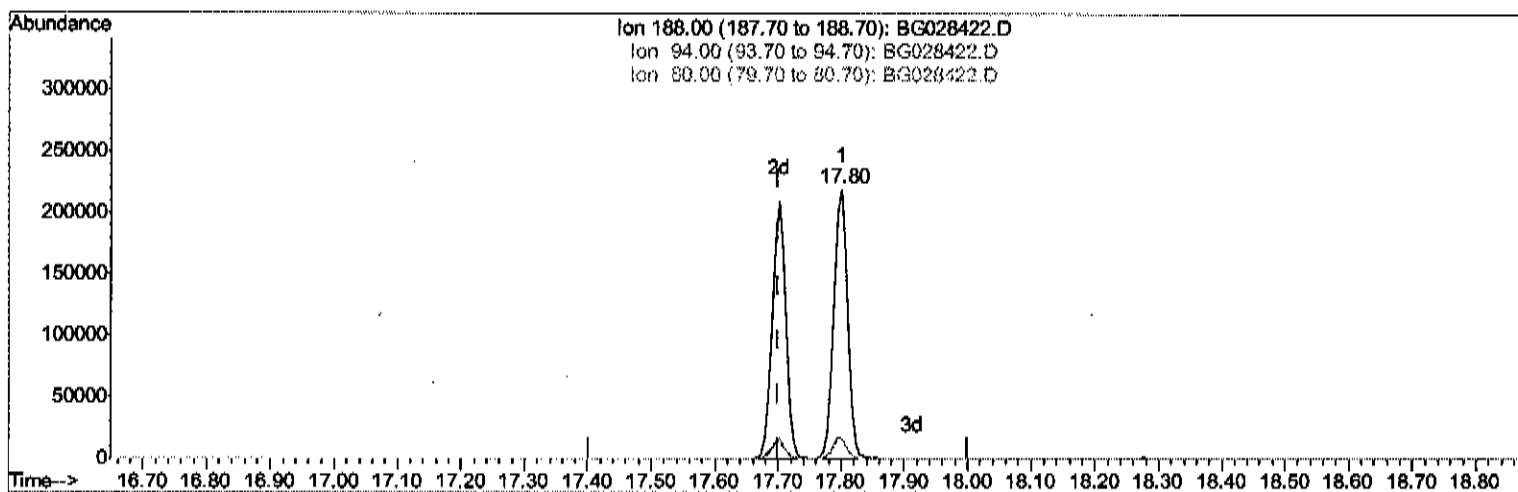
Data Path : U:\HPCHEM1\BNA G\DATA\BG082217\
Data File : BG028422.D
Acq On : 22 Aug 2017 17:18
Operator : SJ/JU
Sample : I4713-06MSD
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
E7GB4MSD

Manual Integrations
APPROVED

Sohil
8/23/2017 3:02:06 PM

Quant Time: Aug 23 05:17:31 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG080217.M
Quant Title : SVOA CALIBRATION
OLast Update : Wed Aug 23 02:58:29 2017
Response via : Initial Calibration



TIC: BG028422.D

(61) Phenanthrene-d10 (I)

17.801min (+0.099) 20.00ng/ul

response 338829

Ion	Exp%	Act%
188.00	100	100
94.00	8.80	7.44
80.00	9.50	7.79
0.00	0.00	0.00

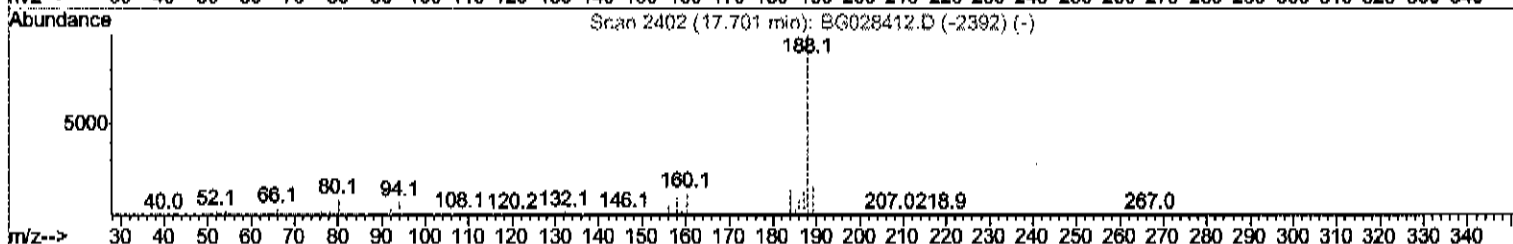
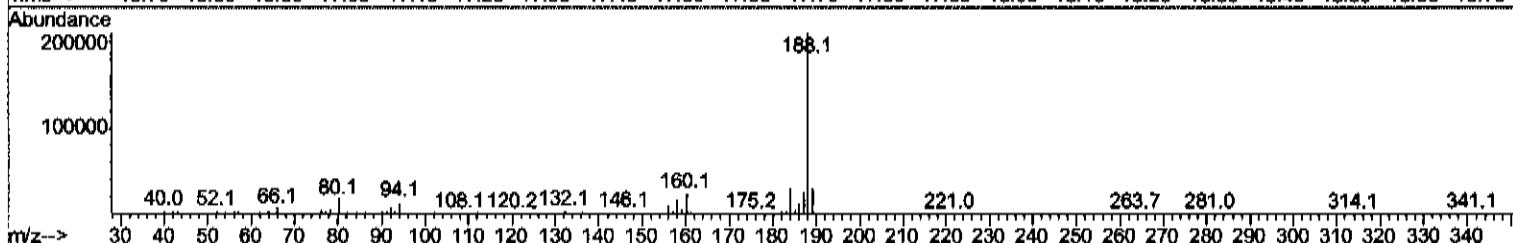
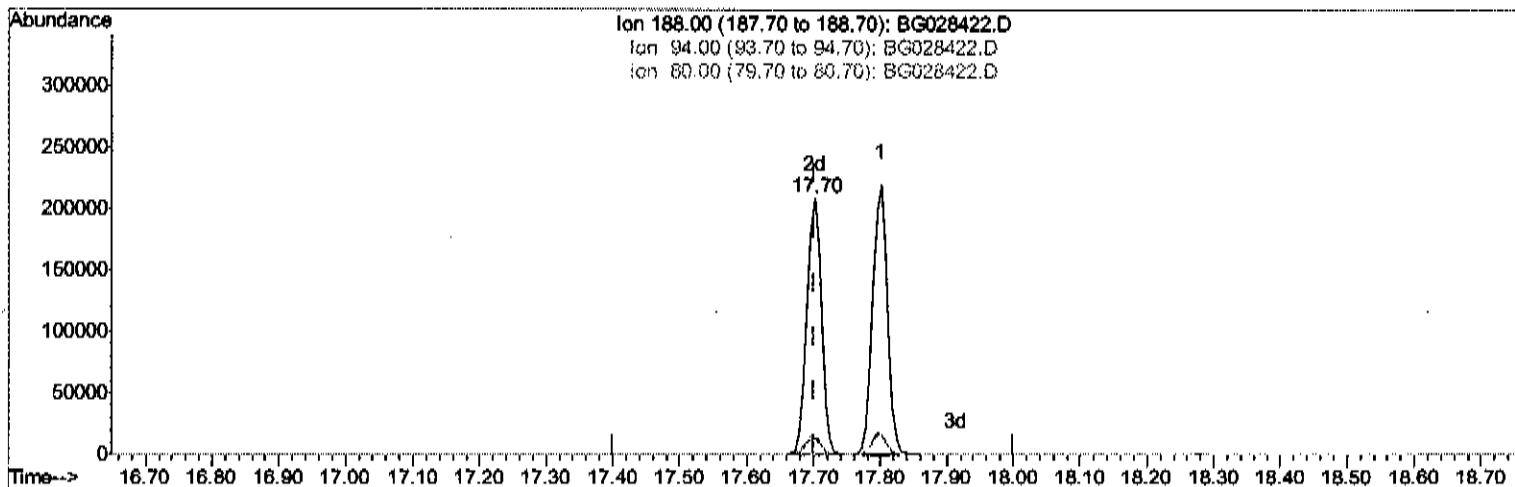
Data Path : U:\HPCHEM1\BNA G\DATA\BG082217\
Data File : BG028422.D
Acq On : 22 Aug 2017 17:18
Operator : SJ/JU
Sample : I4713-06MSD
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
E7GB4MSD

Manual Integrations
APPROVED

Sohil
8/23/2017 3:02:06 PM

Quant Time: Aug 23 05:17:31 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG080217.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Aug 23 02:58:29 2017
Response via : Initial Calibration



TIC: BG028422.D

(61) Phenanthrene-d10 (I)

17.701min (-0.000) 20.00ng/ul m

response 315729

Ion	Exp%	Act%
188.00	100	100
94.00	8.80	6.47#
80.00	9.50	7.99
0.00	0.00	0.00

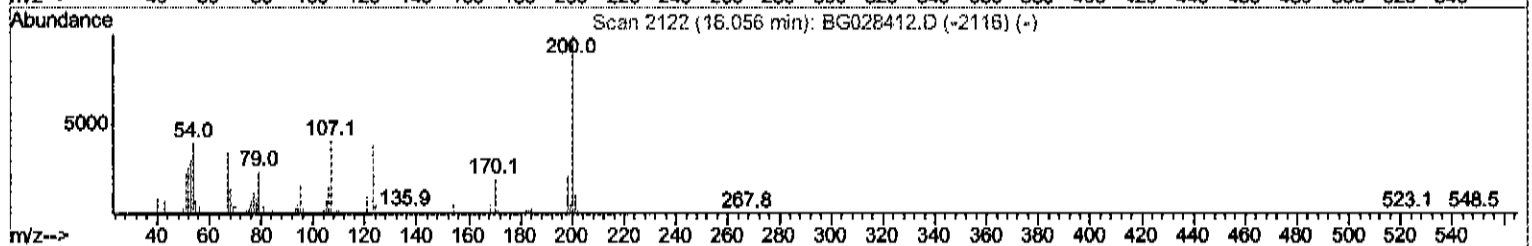
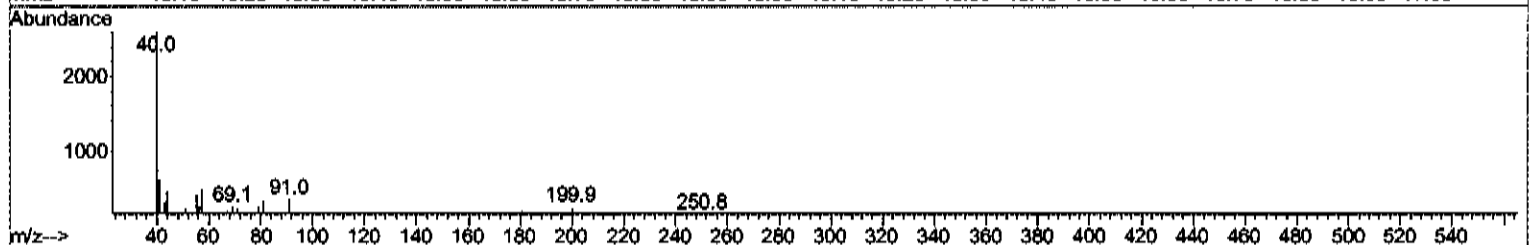
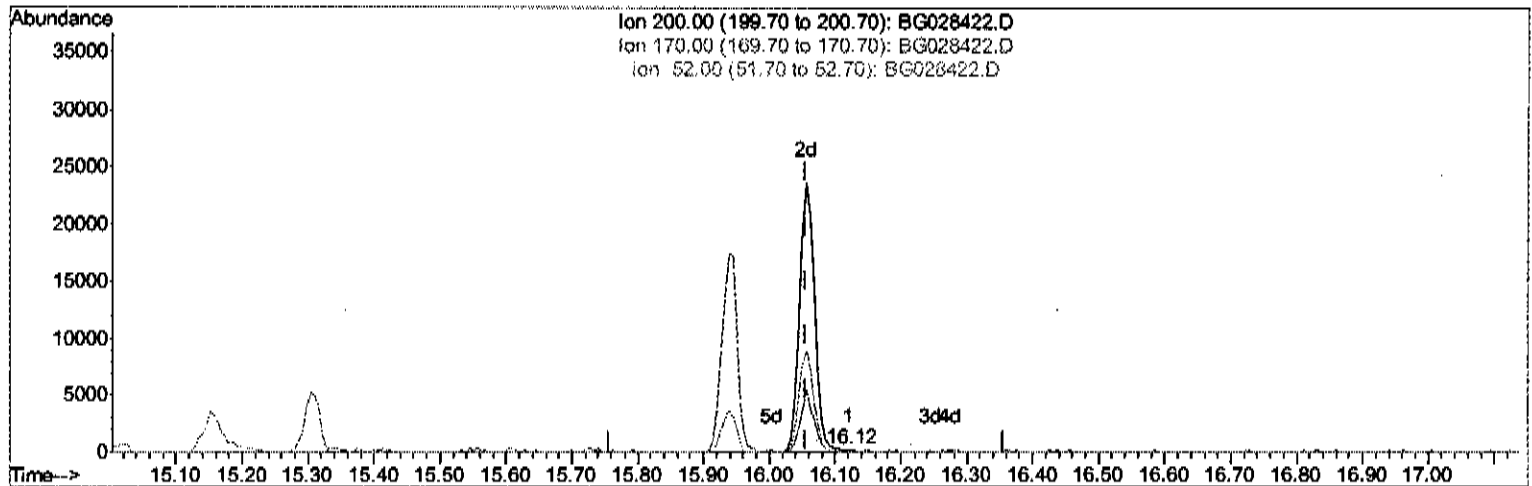
Data Path : U:\HPCHEM1\BNA G\DATA\BG082217\
Data File : BG028422.D
Acq On : 22 Aug 2017 17:18
Operator : SJ/JU
Sample : I4713-06MSD
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
E7GB4MSD

Manual Integrations
APPROVED

Sohil
8/23/2017 3:02:06 PM

Quant Time: Aug 23 05:18:34 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG080217.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Aug 23 02:58:29 2017
Response via : Initial Calibration



TIC: BG028422.D

(62) 4,6-Dinitro-2-methylphenol-d2 (S)

16.120min (+0.064) 0.08ng/ul

response 155

Ion	Exp%	Act%
200.00	100	100
170.00	23.20	0.00#
52.00	47.20	0.00#
0.00	0.00	0.00

Quantitation Report (Qedit)

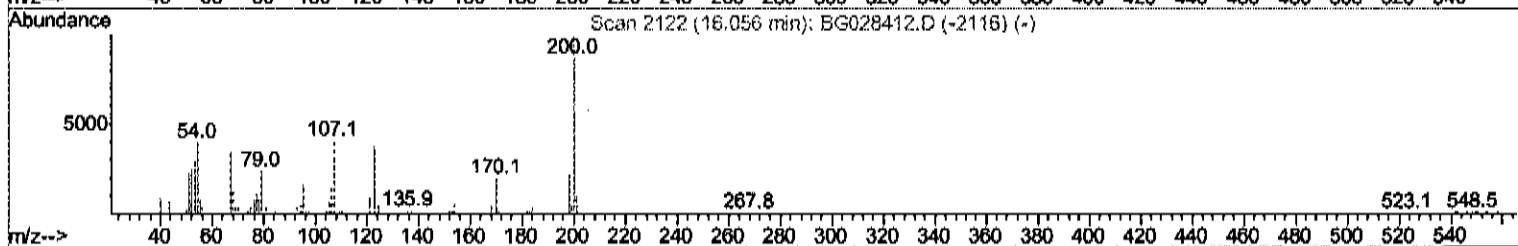
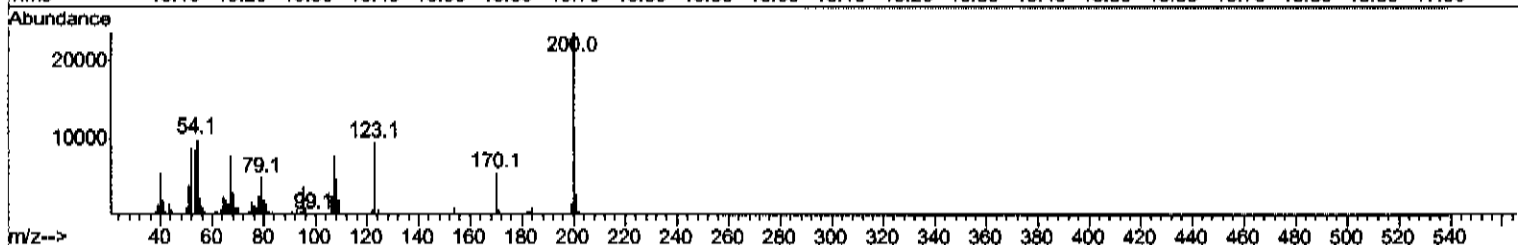
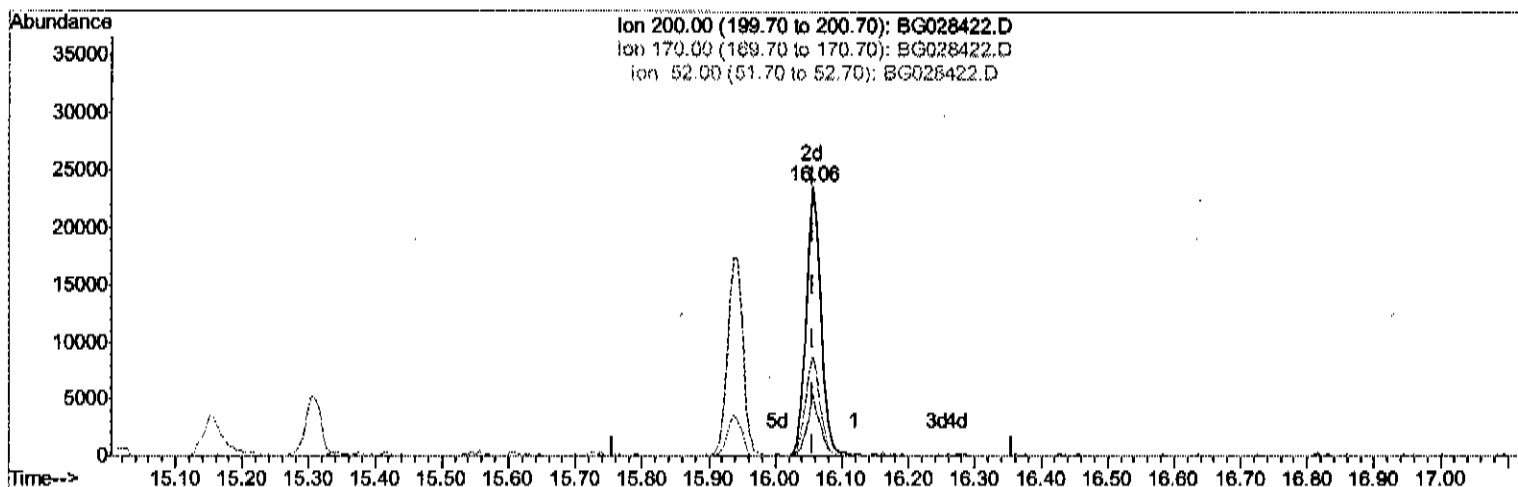
Data Path : U:\HPCHEM1\BNA G\DATA\BG082217\
 Data File : BG028422.D
 Acq On : 22 Aug 2017 17:18
 Operator : SJ/JU
 Sample : I4713-06MSD
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 E7GB4MSD

Manual Integrations
 APPROVED

Sohil
 8/23/2017 3:02:06 PM

Quant Time: Aug 23 05:18:34 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG080217.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Aug 23 02:58:29 2017
 Response via : Initial Calibration



TIC: BG028422.D

(62) 4,6-Dinitro-2-methylphenol-d2 (S)

16.056min (-0.000) 18.12ng/ul m

response 37157

Ion	Exp%	Act%
200.00	100	100
170.00	23.20	23.37
52.00	47.20	37.69#
0.00	0.00	0.00

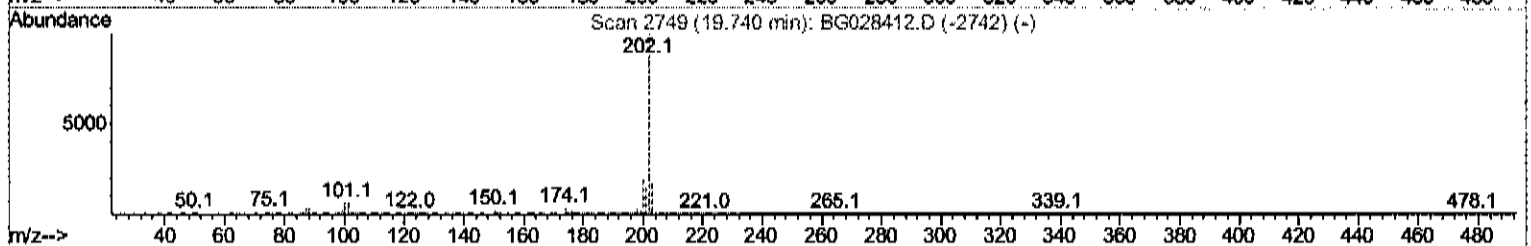
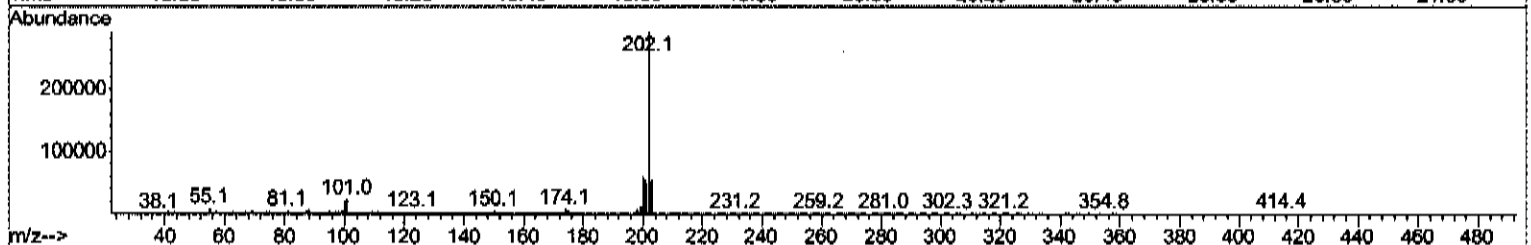
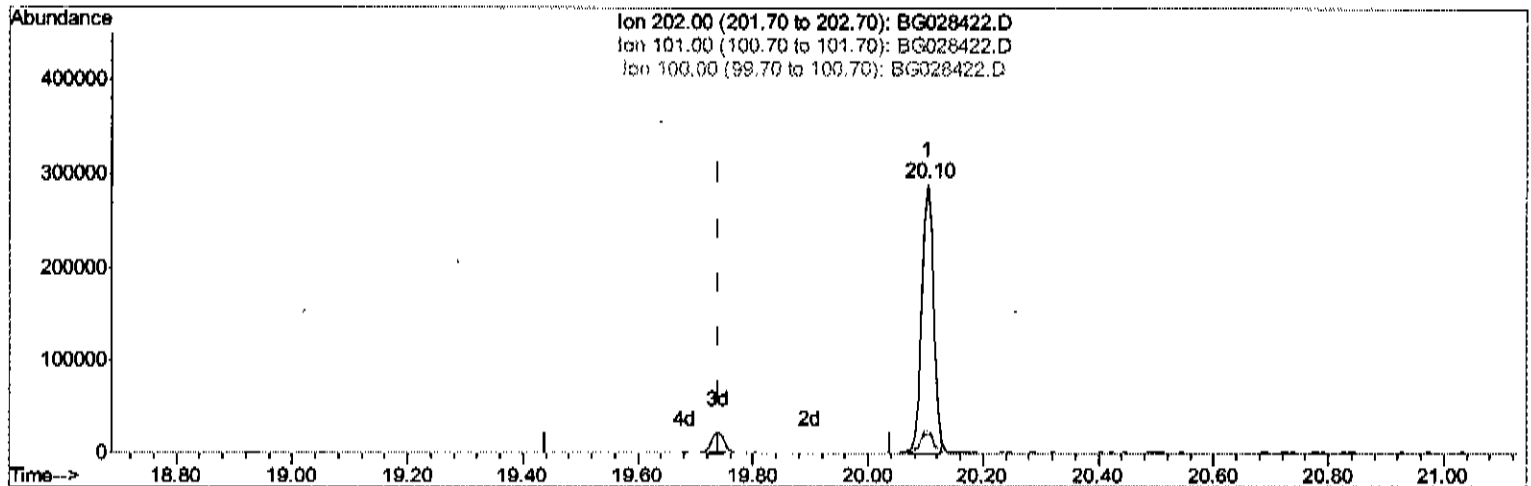
Data Path : U:\HPCHEM1\BNA G\DATA\BG082217\
Data File : BG028422.D
Acq On : 22 Aug 2017 17:18
Operator : SJ/JU
Sample : I4713-06MSD
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleID :
E7GB4MSD

Manual Integrations
APPROVED

Sohil
8/23/2017 3:02:06 PM

Quant Time: Aug 23 05:19:57 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG080217.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Aug 23 02:58:29 2017
Response via : Initial Calibration



TIC: BG028422.D

(74) Fluoranthene (C)

20.104min (+0.364) 21.70ng/ul

response 418946

Ion	Exp%	Act%
202.00	100	100
101.00	7.70	8.02
100.00	6.50	7.45
0.00	0.00	0.00

Quantitation Report (Qedit)

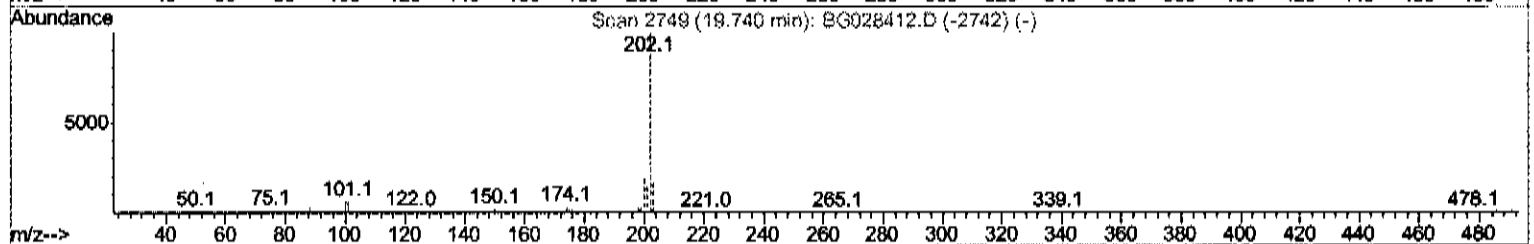
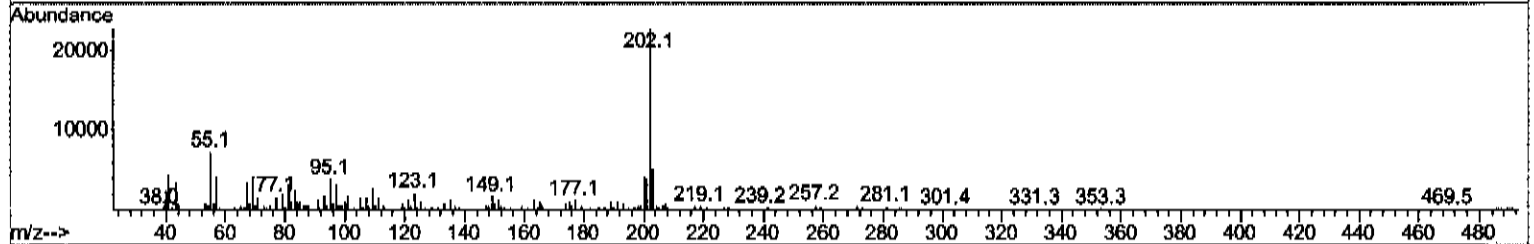
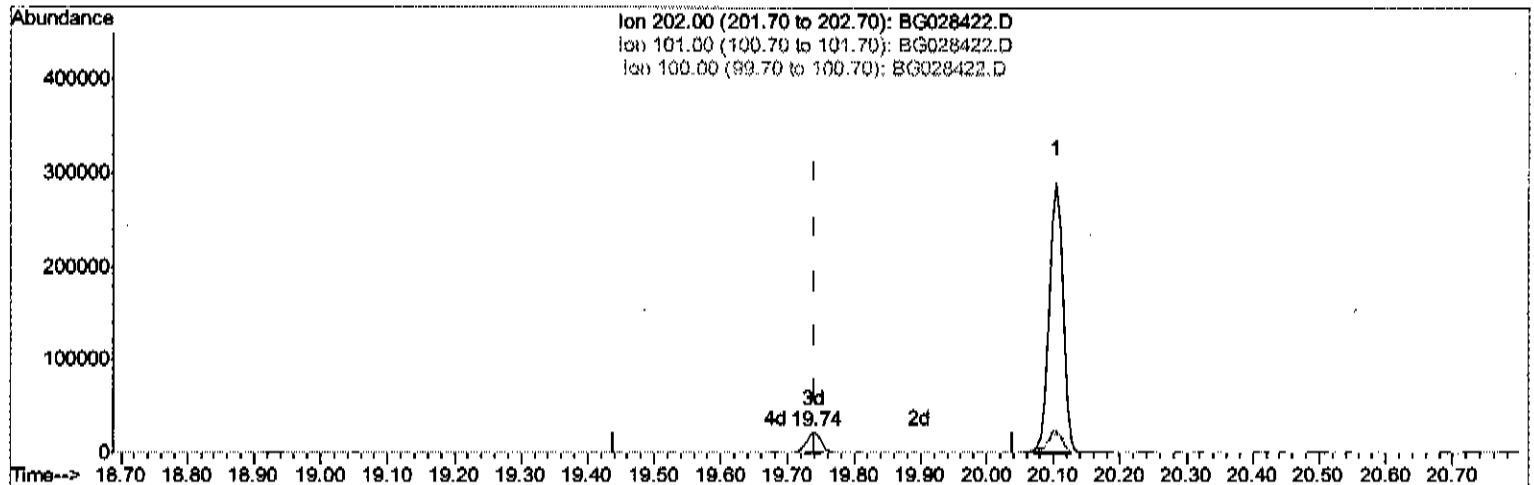
Data Path : U:\HPCHEM1\BNA G\DATA\BG082217\
 Data File : BG028422.D
 Acq On : 22 Aug 2017 17:18
 Operator : SJ/JU
 Sample : I4713-06MSD
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 E7GB4MSD

Manual Integrations
 APPROVED

Sohil
 8/23/2017 3:02:06 PM

Quant Time: Aug 23 05:19:57 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG080217.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Aug 23 02:58:29 2017
 Response via : Initial Calibration



TIC: BG028422.D

(74) Fluoranthene (C)

19.740min (-0.000) 1.83ng/ul m

response 35270

Ion	Exp%	Act%
202.00	100	100
101.00	7.70	8.25
100.00	6.50	4.58#
0.00	0.00	0.00

Data Path : U:\HPCHEM1\BNA G\DATA\BG082217\
 Data File : BG028422.D
 Acq On : 22 Aug 2017 17:18
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 Sample : I4713-06MSD
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampled :
 E7GB4MSD

Manual Integrations
 APPROVED

Sohil
 8/23/2017 3:02:06 PM

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.34	152	40295	20.00	ng/ul	0.00
18) Naphthalene-d8	11.16	136	186495	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.95	164	137441	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.70	188	315729m	20.00	ng/ul	0.00
75) Chrysene-d12	22.03	240	346629	20.00	ng/ul	0.00
83) Perylene-d12	25.54	264	335975	20.00	ng/ul	0.02

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.83	96	2898	3.35	ng/ul	0.00
5) Phenol-d5	7.50	99	72641	16.41	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.65	67	49170	17.54	ng/ul	0.00
9) 2-Chlorophenol-d4	7.88	132	55204	19.77	ng/ul	0.00
13) 4-Methylphenol-d8	9.04	113	43946	11.88	ng/ul	0.00
19) Nitrobenzene-d5	9.51	128	31153	21.36	ng/ul	0.00
22) 2-Nitrophenol-d4	10.24	143	37090	23.20	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.78	165	68187	20.61	ng/ul	0.00
29) 4-Chloroaniline-d4	11.30	131	51410	13.96	ng/ul	0.00
43) Dimethylphthalate-d6	14.34	166	259991	21.27	ng/ul	0.00
46) Acenaphthylene-d8	14.65	160	309661	22.47	ng/ul	0.00
51) 4-Nitrophenol-d4	15.15	143	29577m	15.22	ng/ul	0.00
57) Fluorene-d10	15.94	176	230166	20.99	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	16.06	200	37157m	18.12	ng/ul	0.00
70) Anthracene-d10	17.80	188	338829	22.38	ng/ul	0.00
76) Pyrene-d10	20.07	212	417617	23.49	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.29	264	382312	24.31	ng/ul	0.00

Target Compounds

					Ovalue	
6) Phenol	7.52	94	80753	18.361	ng/ul	92
10) 2-Chlorophenol	7.91	128	54176	19.913	ng/ul	100
15) N-Nitroso-di-n-propylamine	9.13	70	45827	15.286	ng/ul#	82
33) 4-Chloro-3-methylphenol	12.42	107	83917	21.831	ng/ul	98
44) Dimethylphthalate	14.39	163	125363	11.138	ng/ul	98
49) Acenaphthene	15.02	153	166882	18.778	ng/ul	96
52) 4-Nitrophenol	15.16	109	37573	18.657	ng/ul	95
54) 2,4-Dinitrotoluene	15.30	165	61725	17.526	ng/ul#	93
67) Atrazine	17.35	200	9428	2.603	ng/ul#	35
68) Pentachlorophenol	17.35	266	45617	24.930	ng/ul	90
74) Fluoranthene	19.74	202	35270m	1.826	ng/ul	90
77) Pyrene	20.10	202	420452	20.331	ng/ul	98

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