

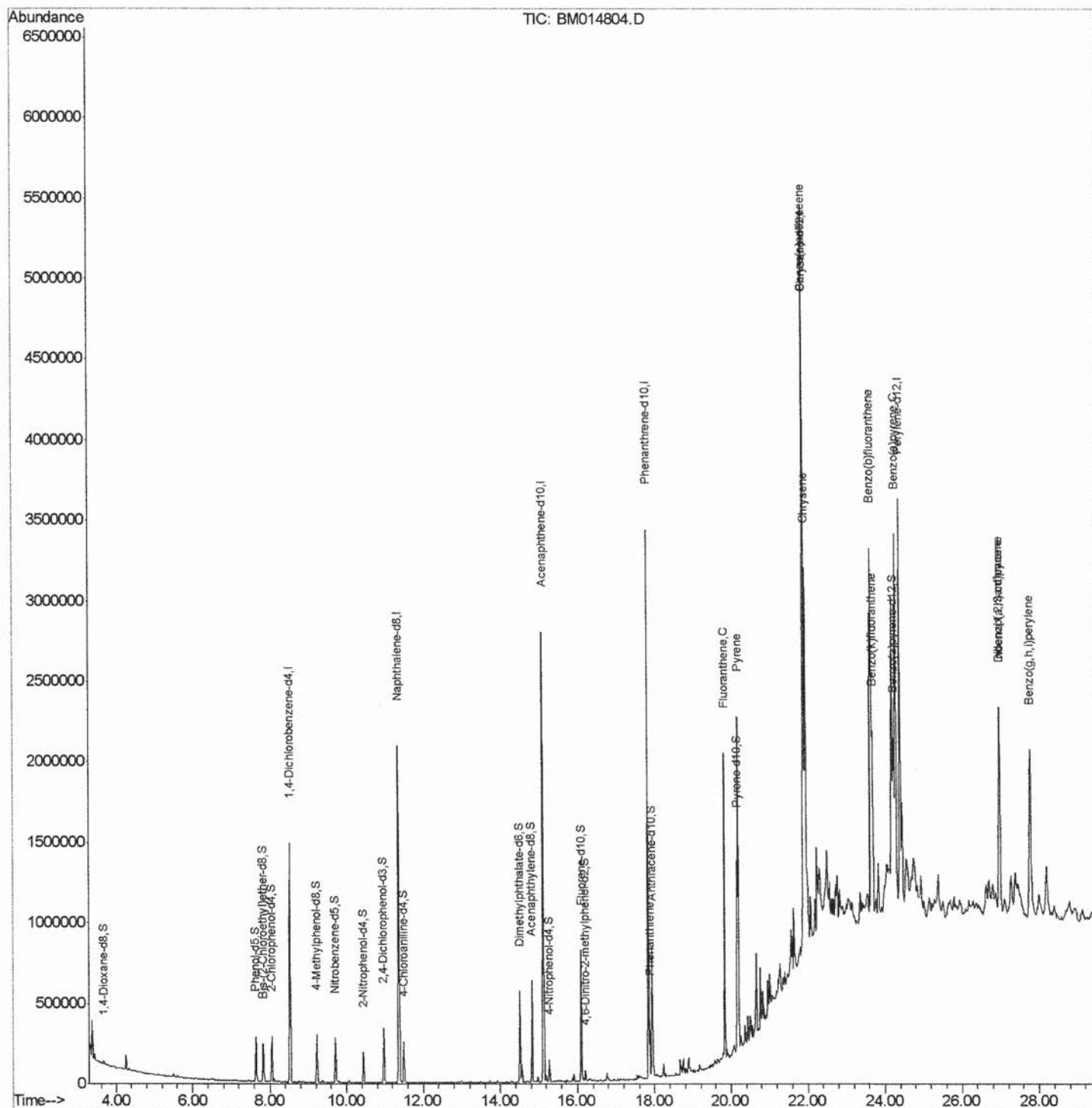
Data Path : Z:\HPCHEM1\BNA M\DATA\BM042318\
Data File : BM014804.D
Acq On : 24 Apr 2018 08:04
Operator : SJ/JU
Sample : J2434-19DL 5X
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0AD4DL

Manual Integrations
APPROVED

Sohil
4/24/2018 7:13:49 PM

Quant Time: Apr 24 14:59:24 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



Quantitation Report (Qedit)

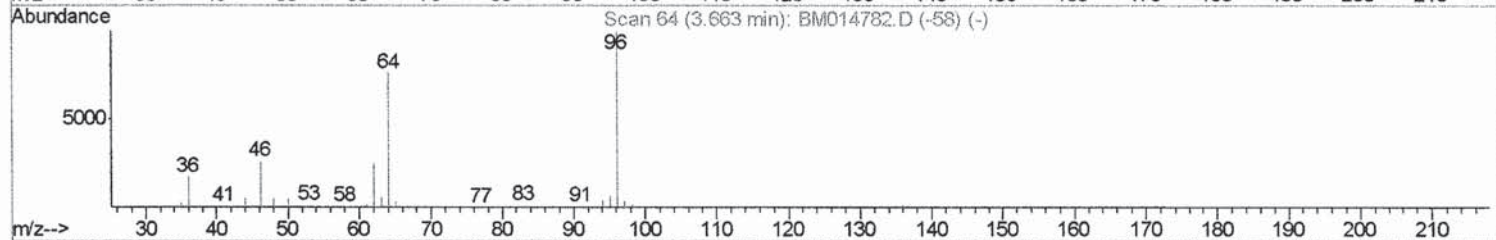
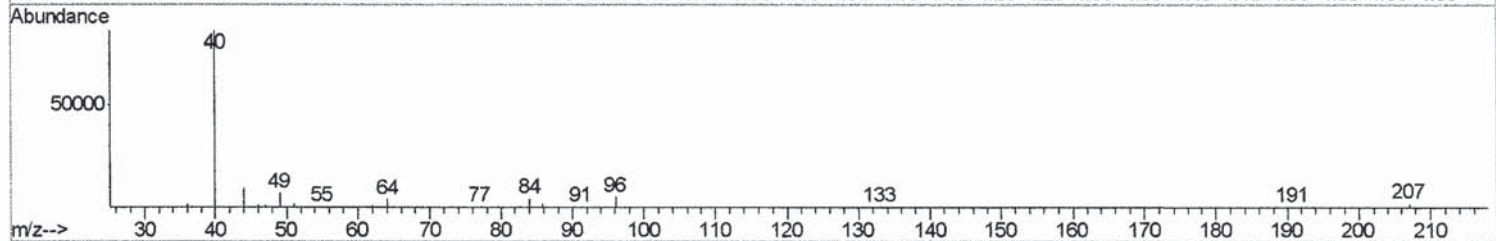
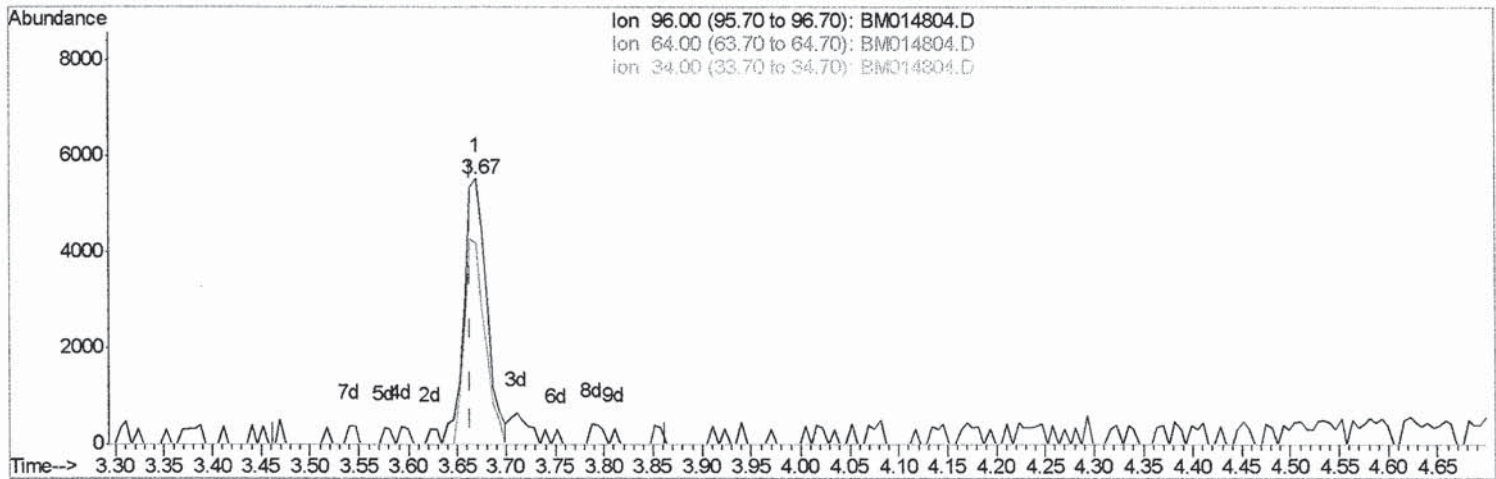
Data Path : Z:\HPCHEM1\BNA M\DATA\BM042318\
 Data File : BM014804.D
 Acq On : 24 Apr 2018 08:04
 Operator : SJ/JU
 Sample : J2434-19DL 5X
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0AD4DL

Manual Integrations
 APPROVED

Sohil
 4/24/2018 7:13:49 PM

Quant Time: Apr 24 12:41:58 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: BM014804.D

(3) 1,4-Dioxane-d8 (S)
 3.669min (+0.006) 0.98ng/uL
 response 9027

Ion	Exp%	Act%
96.00	100	100
64.00	74.90	70.57
34.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

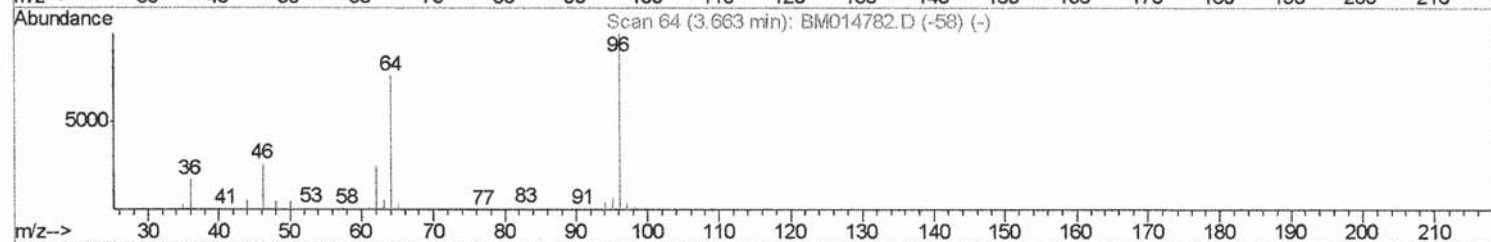
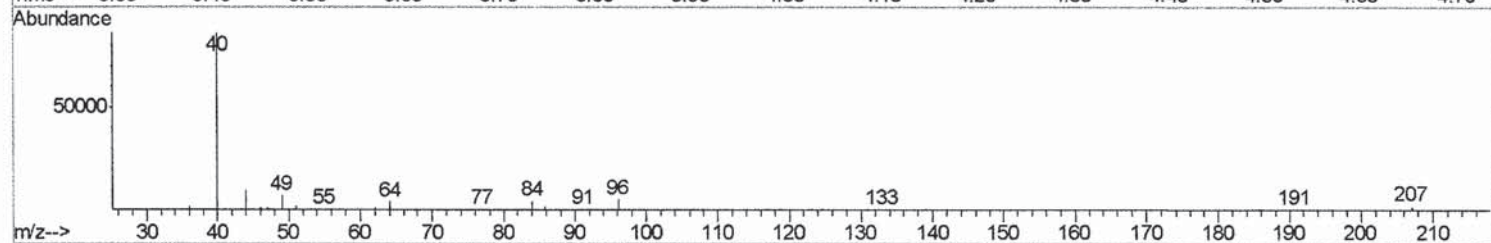
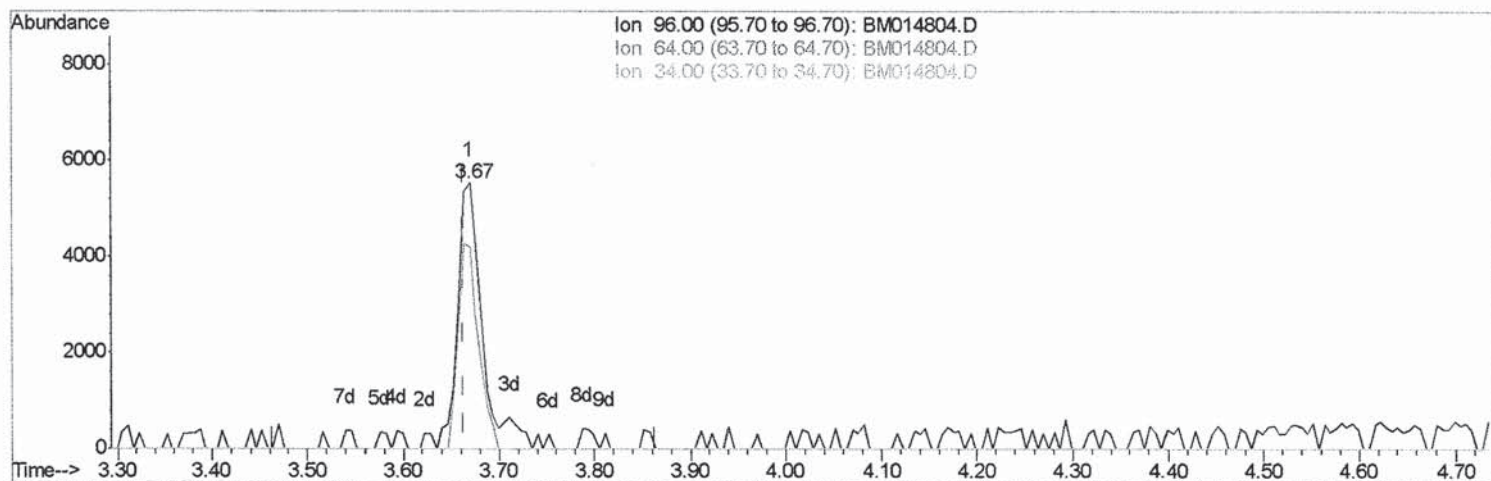
Data Path : Z:\HPCHEM1\BNA M\DATA\BM042318\
Data File : BM014804.D
Acq On : 24 Apr 2018 08:04
Operator : SJ/JU
Sample : J2434-19DL 5X
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0AD4DL

Manual Integrations
APPROVED

Sohil
4/24/2018 7:13:49 PM

Quant Time: Apr 24 12:41:58 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: BM014804.D

(3) 1,4-Dioxane-d8 (S)

3.669min (+0.006) 1.08ng/uL

response 9897

Ion	Exp%	Act%
96.00	100	100
64.00	74.90	64.36
34.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

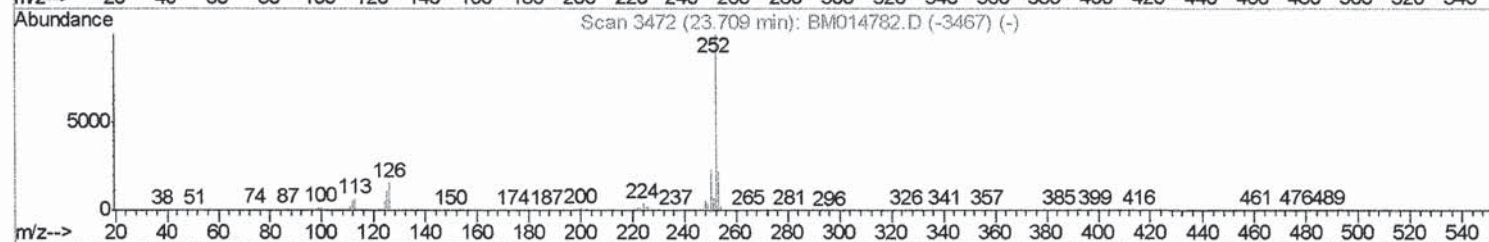
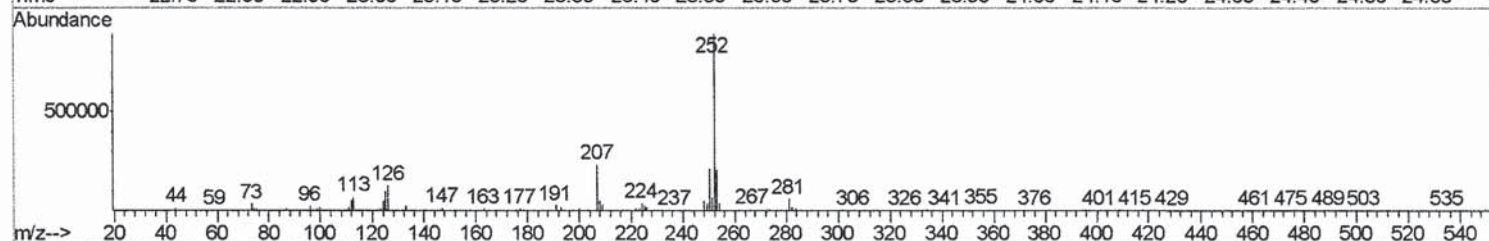
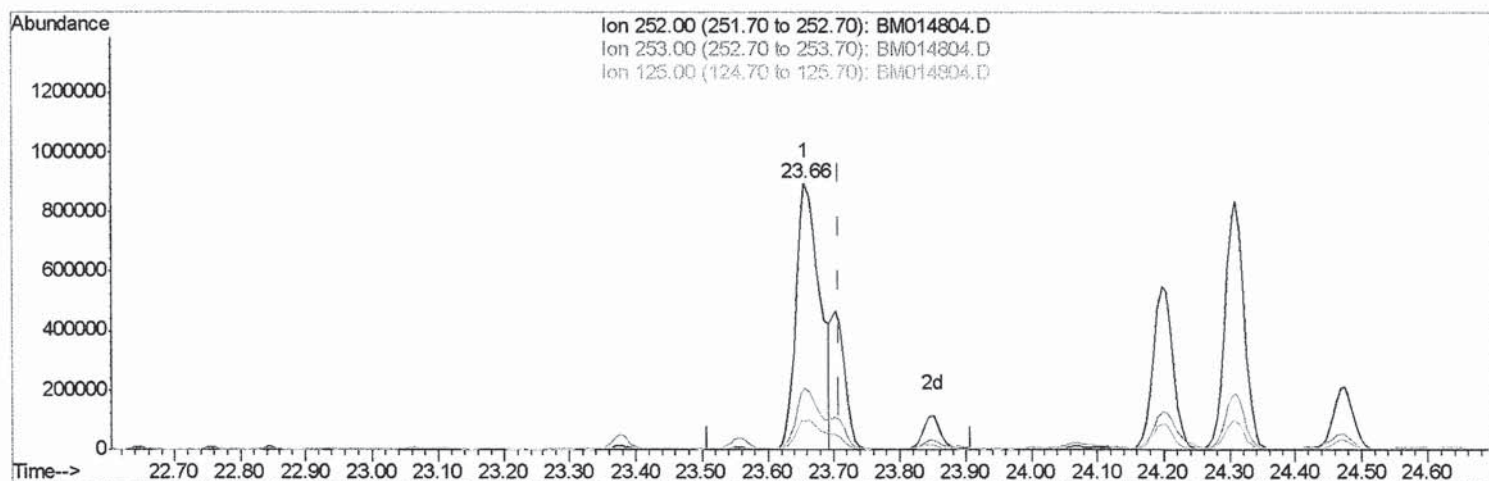
Data Path : Z:\HPCHEM1\BNA M\DATA\BM042318\
Data File : BM014804.D
Acq On : 24 Apr 2018 08:04
Operator : SJ/JU
Sample : J2434-19DL 5X
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0AD4DL

Manual Integrations
APPROVED

Sohil
4/24/2018 7:13:49 PM

Quant Time: Apr 24 12:41:58 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: BM014804.D

(86) Benzo(k)fluoranthene

23.656min (-0.053) 19.86ng/ul

response 2242572

Ion	Exp%	Act%
252.00	100	100
253.00	21.40	23.35
125.00	4.30	11.13#
0.00	0.00	0.00

Quantitation Report (Qedit)

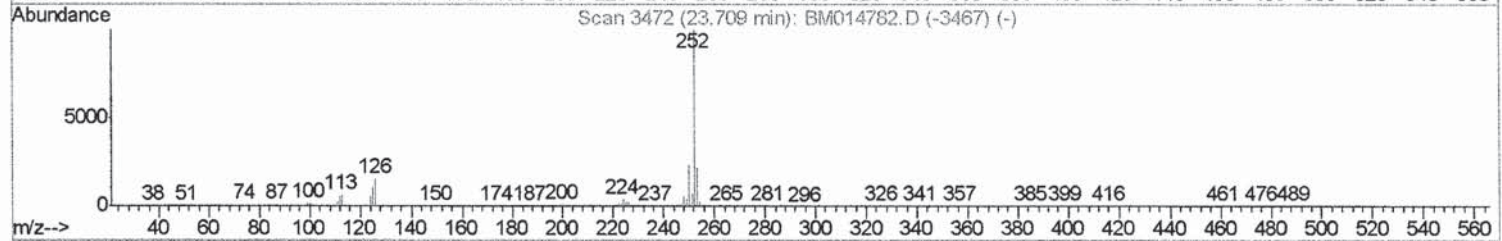
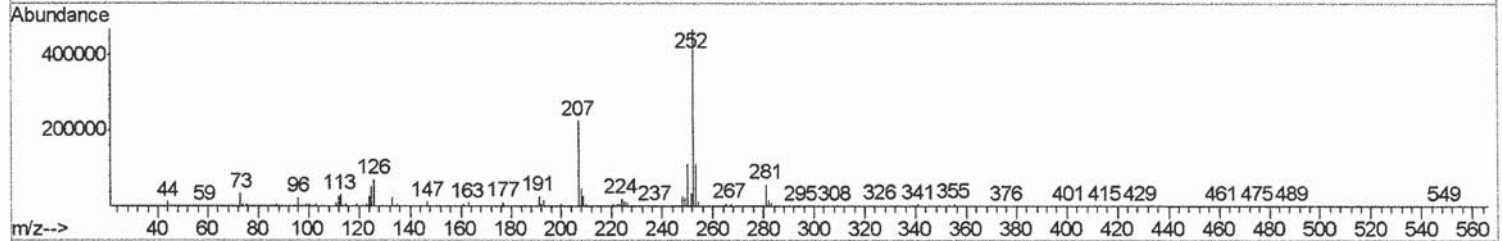
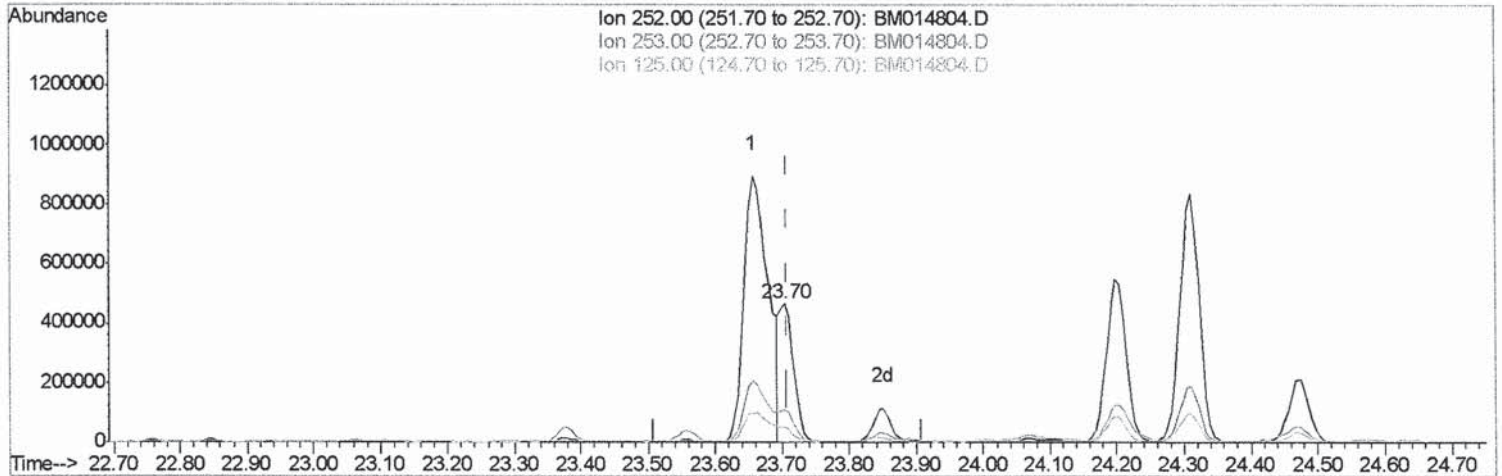
Data Path : Z:\HPCHEM1\BNA M\DATA\BM042318\
 Data File : BM014804.D
 Acq On : 24 Apr 2018 08:04
 Operator : SJ/JU
 Sample : J2434-19DL 5X
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0AD4DL

Manual Integrations
 APPROVED

Sohil
 4/24/2018 7:13:49 PM

Quant Time: Apr 24 12:41:58 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: BM014804.D

(86) Benzo(k)fluoranthene

23.703min (-0.006) 6.00ng/ul m > SJ 4/24/18

response 677732

Ion	Exp%	Act%
252.00	100	100
253.00	21.40	23.71
125.00	4.30	11.30#
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA M\DATA\BM042318\
 Data File : BM014804.D
 Acq On : 24 Apr 2018 08:04
 Operator : SJ/JU
 Sample : J2434-19DL 5X
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0AD4DL

Manual Integrations
 APPROVED

Sohil
 4/24/2018 7:13:49 PM

Quant Time: Apr 24 14:59:24 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

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.53	152	400902	20.00	ng/ul	0.00
18) Naphthalene-d8	11.37	136	1703092	20.00	ng/ul	0.00
35) Acenaphthene-d10	15.13	164	895286	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.84	188	1889499	20.00	ng/ul	0.00
75) Chrysene-d12	21.93	240	1883412	20.00	ng/ul	0.00
83) Perylene-d12	24.42	264	1991560	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.67	96	9897m)	1.08	ng/uL	0.00
5) Phenol-d5	7.65	99	146640	4.73	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.83	67	108741	5.47	ng/ul	0.00
9) 2-Chlorophenol-d4	8.05	132	129900	5.01	ng/ul	0.00
13) 4-Methylphenol-d8	9.22	113	108150	4.38	ng/ul	0.00
19) Nitrobenzene-d5	9.70	128	60974	4.95	ng/ul	0.00
22) 2-Nitrophenol-d4	10.43	143	57310	4.67	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.97	165	116200	4.66	ng/ul	0.00
29) 4-Chloroaniline-d4	11.49	131	136069	5.53	ng/ul	0.00
43) Dimethylphthalate-d6	14.52	166	354941	5.08	ng/ul	0.00
46) Acenaphthylene-d8	14.83	160	439486	5.09	ng/ul	0.00
51) 4-Nitrophenol-d4	15.28	143	29327	2.26	ng/ul	0.00
57) Fluorene-d10	16.10	176	310050	5.10	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	16.20	200	12123	1.19	ng/ul	0.00
70) Anthracene-d10	17.93	188	450795	5.12	ng/ul	0.00
76) Pyrene-d10	20.17	212	486550	5.46	ng/ul	0.00
87) Benzo(a)pyrene-d12	24.26	264	483958	4.95	ng/ul	0.00

SJ 4/24/18

Target Compounds

					Ovalue	
69) Phenanthrene	17.88	178	195984	1.931	ng/ul	96
74) Fluoranthene	19.84	202	1068942	9.662	ng/ul#	82
77) Pvrene	20.20	202	1194382	10.854	ng/ul#	78
80) Benzo(a)anthracene	21.91	228	1044589	9.484	ng/ul	98
82) Chrysene	21.96	228	1147932	11.134	ng/ul	97
85) Benzo(b)fluoranthene	23.66	252	2242572	19.102	ng/ul#	95
86) Benzo(k)fluoranthene	23.70	252	677732m)	6.003	ng/ul	
88) Benzo(a)pvrene	24.31	252	1684078	15.122	ng/ul#	96
89) Indeno(1,2,3-cd)pvrene	27.00	276	1265403	9.393	ng/ul#	91
90) Dibenzo(a,h)anthracene	26.99	278	321222	2.832	ng/ul#	90
91) Benzo(a,h,i)perylene	27.80	276	1309263	11.813	ng/ul#	90

SJ 4/24/18

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