

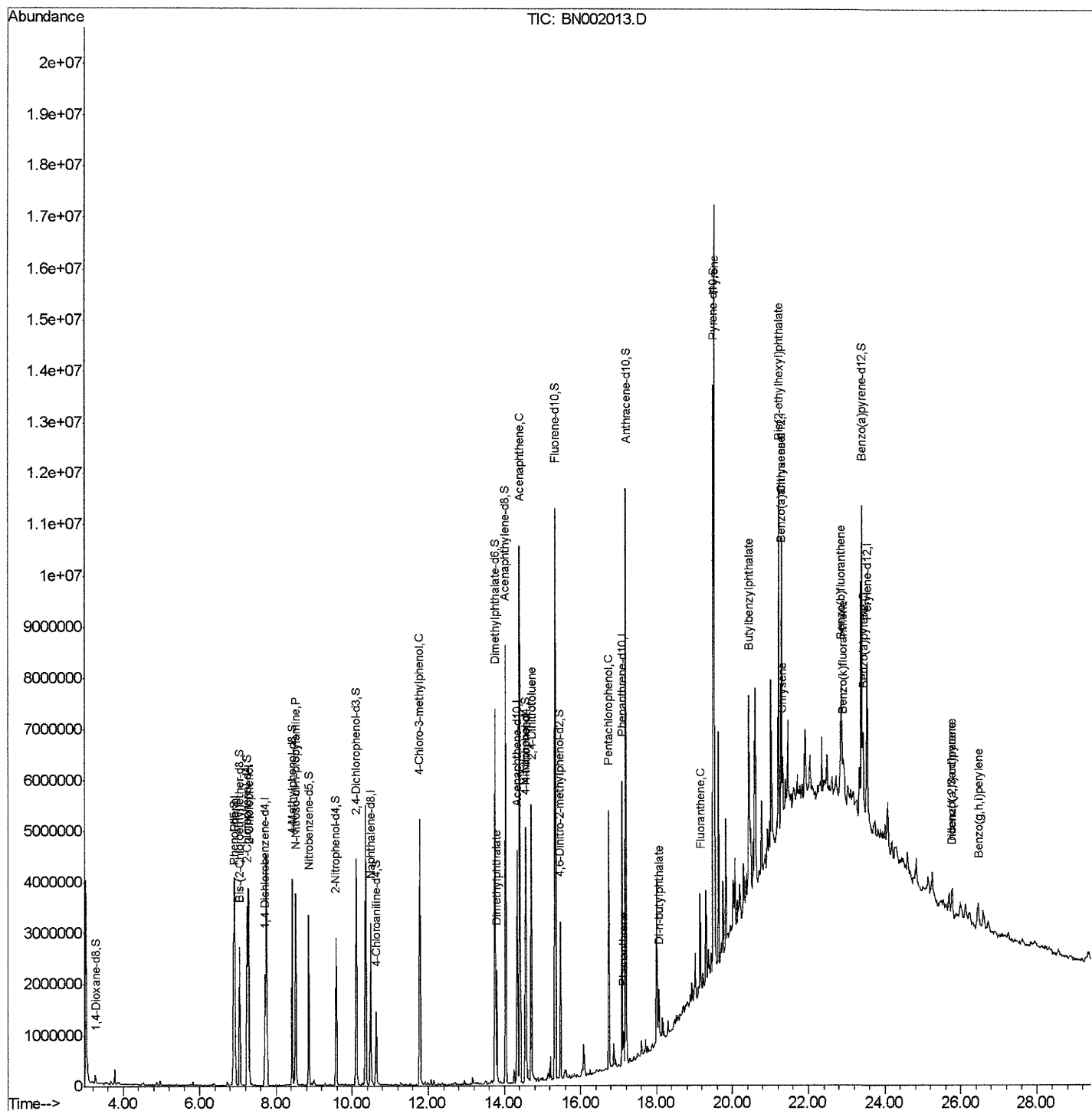
Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN071118\
Data File : BN002013.D
Acq On : 11 Jul 2018 16:36
Operator : JU/SJ
Sample : J3775-15MSD
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_N
Client Sample ID :
DAZQ2MSD

Manual Integrations
APPROVED

Sohil
7/12/2018 3:03:49 PM

Quant Time: Jul 12 01:13:06 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN061918.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jul 11 22:41:21 2018
Response via : Initial Calibration



Quantitation Report (Qedit)

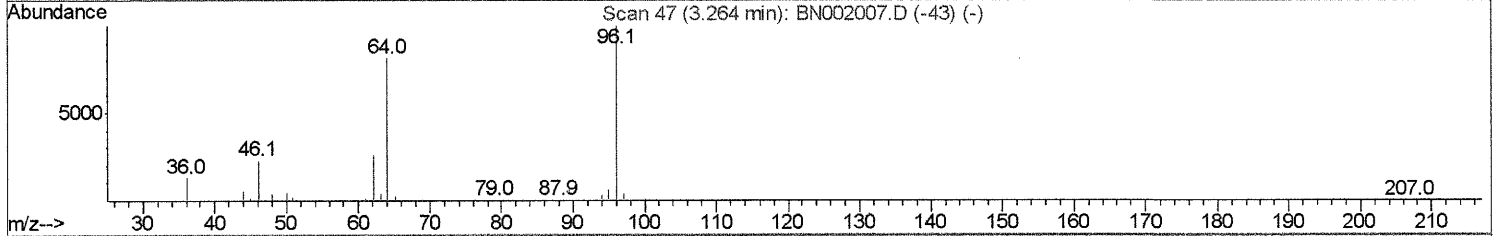
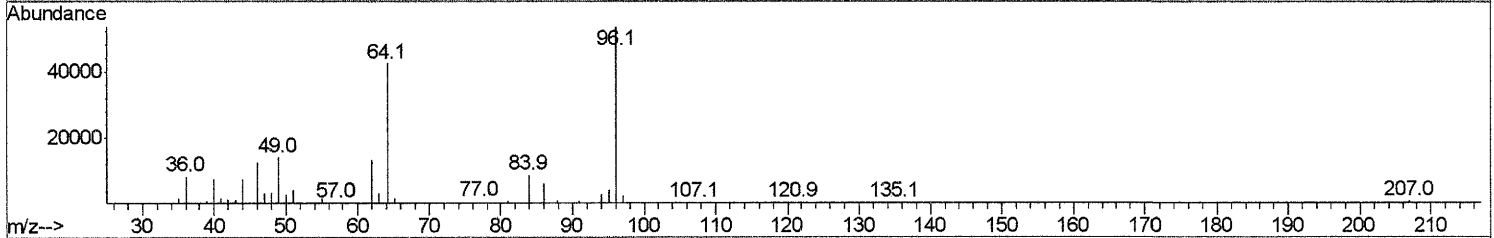
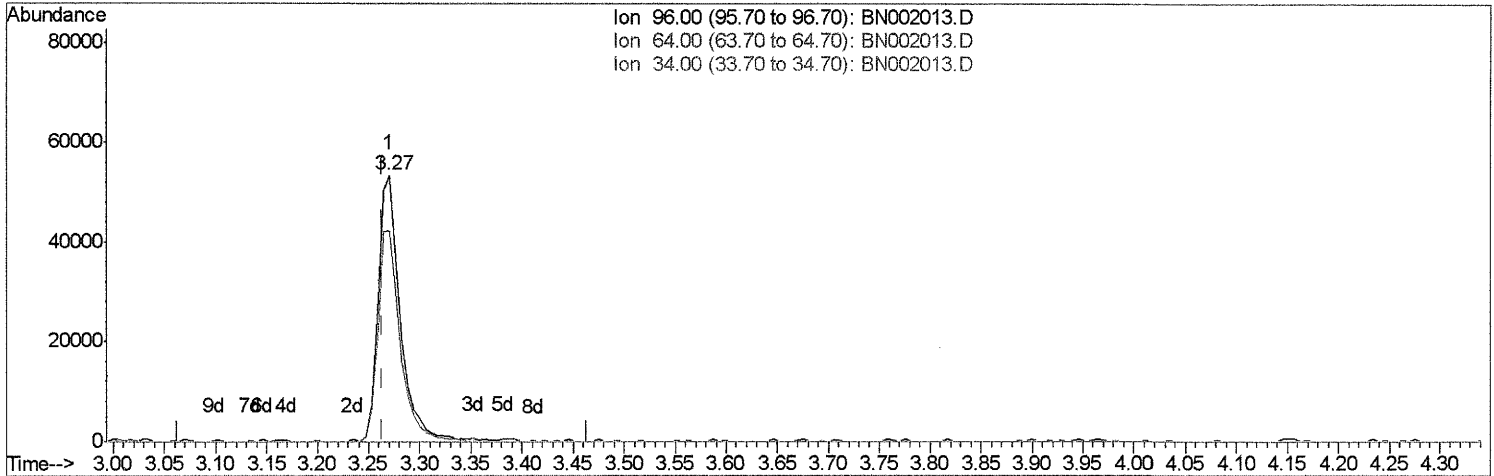
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN071118\
 Data File : BN002013.D
 Acq On : 11 Jul 2018 16:36
 Operator : JU/SJ
 Sample : J3775-15MSD
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_N
 Client Sampled :
 DAZQ2MSD

Manual Integrations
 APPROVED

Sohil
 7/12/2018 3:03:49 PM

Quant Time: Jul 12 01:10:36 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN061918.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Jul 11 22:41:21 2018
 Response via : Initial Calibration



TIC: BN002013.D

(3) 1,4-Dioxane-d8 (S)
 3.270min (+0.006) 5.99ng/uL
 response 79786

Ion	Exp%	Act%
96.00	100	100
64.00	74.00	79.48
34.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

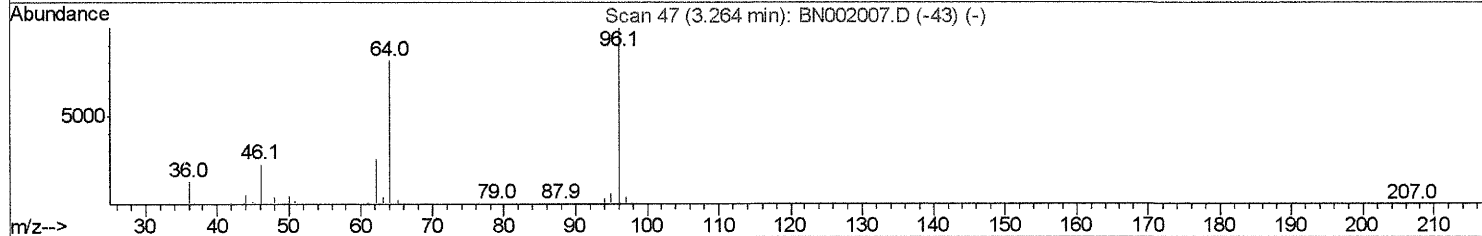
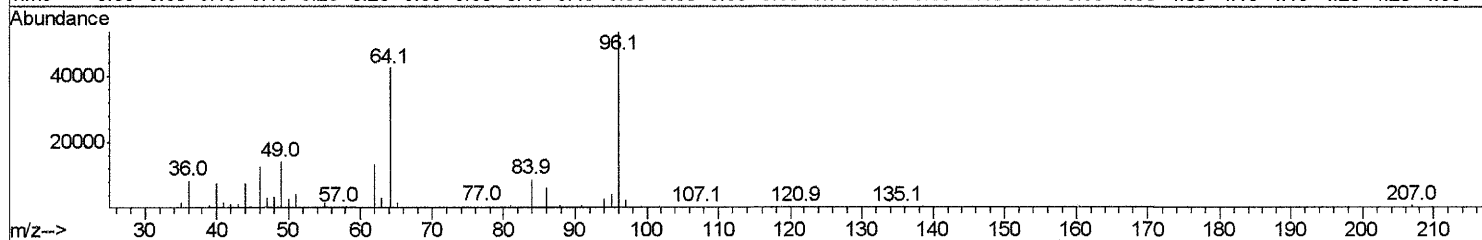
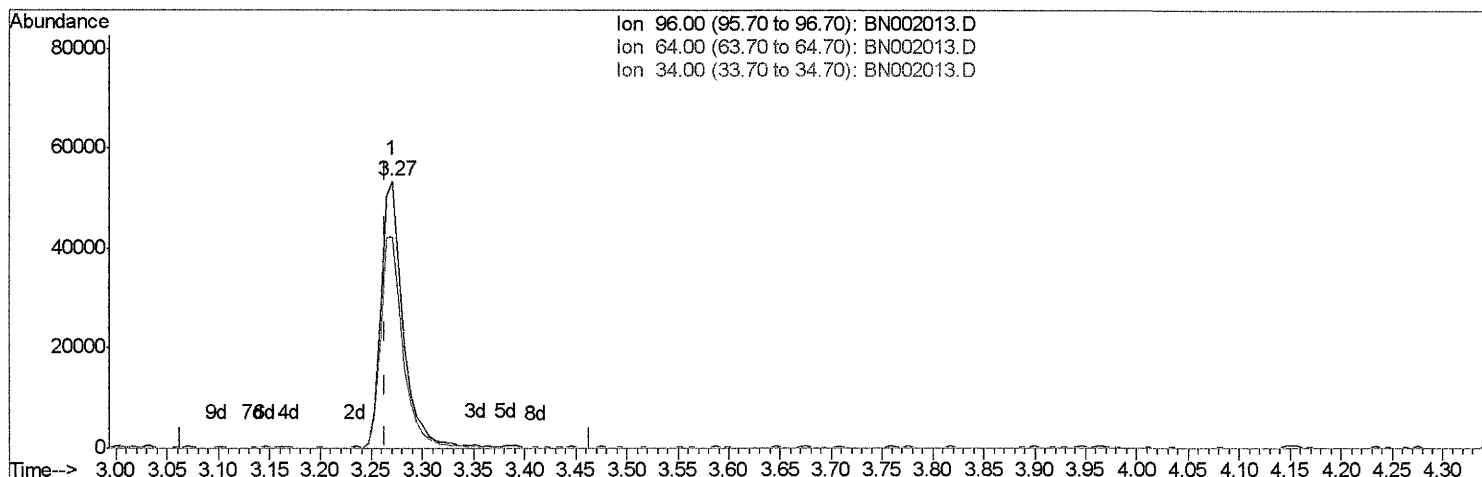
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN071118\
 Data File : BN002013.D
 Acq On : 11 Jul 2018 16:36
 Operator : JU/SJ
 Sample : J3775-15MSD
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_N
 Client Sampled :
 DAZQ2MSD

Manual Integrations
 APPROVED

Sohil
 7/12/2018 3:03:49 PM

Quant Time: Jul 12 01:10:36 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN061918.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Jul 11 22:41:21 2018
 Response via : Initial Calibration



TIC: BN002013.D

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

3.270min (+0.006) 6.10ng/uL m

50 7/12/18

response 81271

Ion	Exp%	Act%
96.00	100	100
64.00	74.00	79.48
34.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

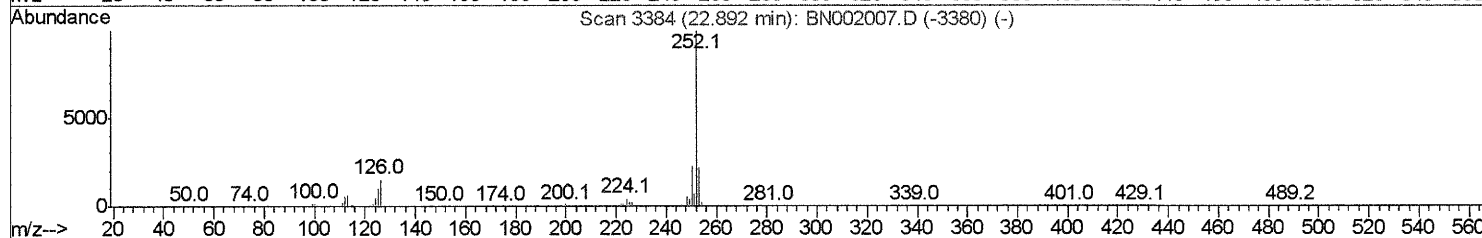
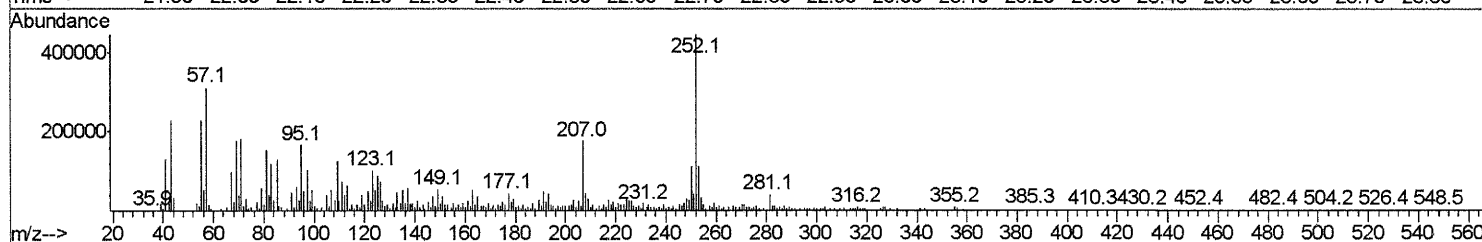
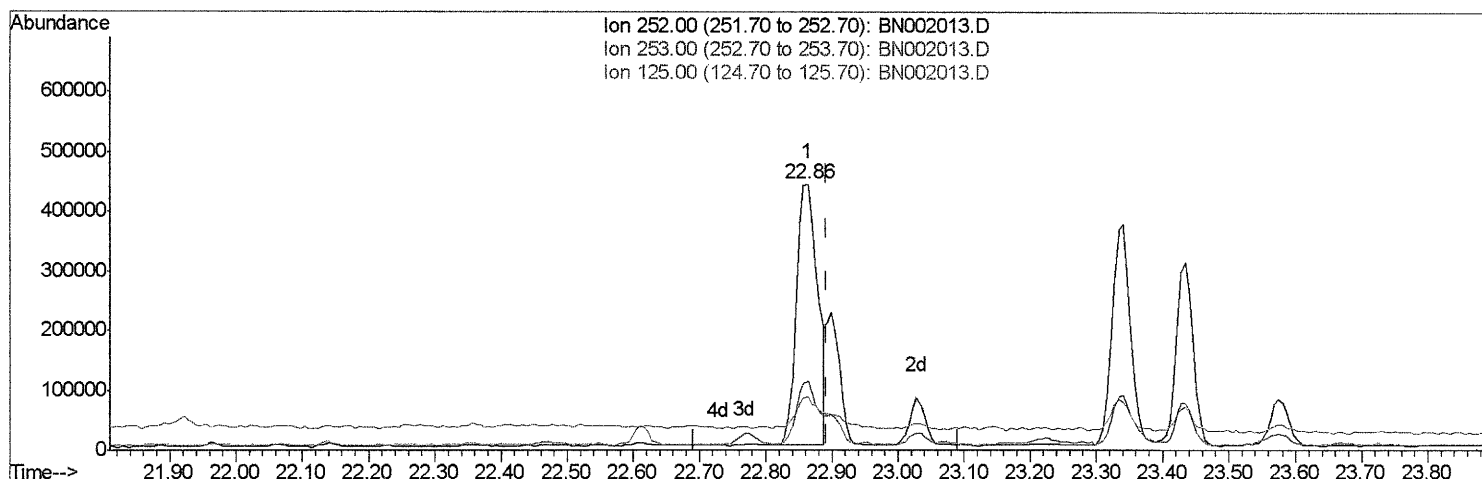
Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN071118\
 Data File : BN002013.D
 Acq On : 11 Jul 2018 16:36
 Operator : JU/SJ
 Sample : J3775-15MSD
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_N
 Client Sample ID :
 DAZQ2MSD

Manual Integrations
 APPROVED

Sohil
 7/12/2018 3:03:49 PM

Quant Time: Jul 12 01:10:36 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN061918.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Jul 11 22:41:21 2018
 Response via : Initial Calibration



TIC: BN002013.D

(86) Benzo(k)fluoranthene

22.863min (-0.029) 7.41ng/ul

response 977982

Ion	Exp%	Act%
252.00	100	100
253.00	21.40	25.71#
125.00	6.70	20.11#
0.00	0.00	0.00

Quantitation Report (Qedit)

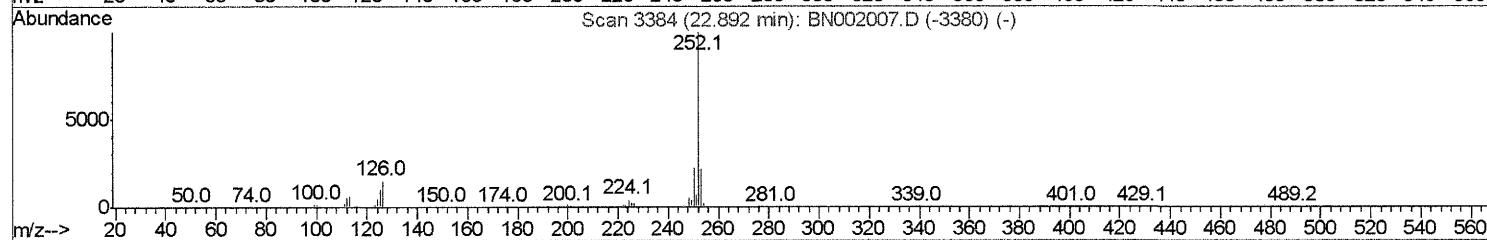
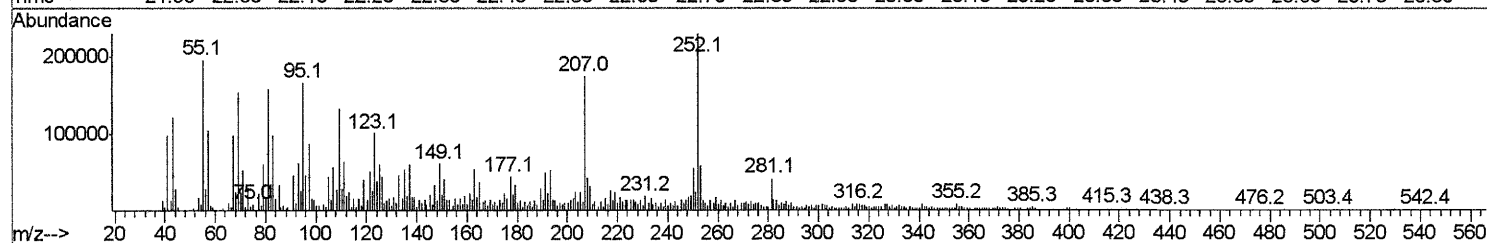
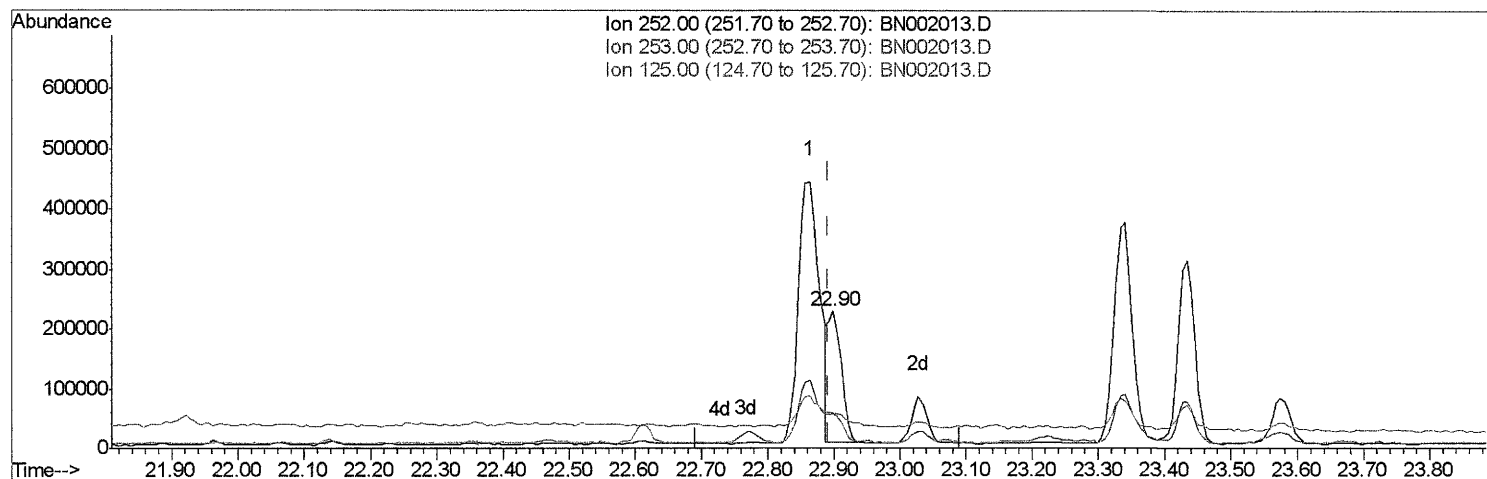
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN071118\
Data File : BN002013.D
Acq On : 11 Jul 2018 16:36
Operator : JU/SJ
Sample : J3775-15MSD
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_N
Client Sampled :
DAZQ2MSD

Manual Integrations
APPROVED

Sohil
7/12/2018 3:03:49 PM

Quant Time: Jul 12 01:10:36 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN061918.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jul 11 22:41:21 2018
Response via : Initial Calibration



TIC: BN002013.D

(86) Benzo(k)fluoranthene

22.898min (+0.006) 2.34ng/ul m

response 308484

Ion	Exp%	Act%
252.00	100	100
253.00	21.40	25.69#
125.00	6.70	25.96#
0.00	0.00	0.00

7/12/18

Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN071118\
 Data File : BN002013.D
 Acq On : 11 Jul 2018 16:36
 Operator : JU/SJ
 Sample : J3775-15MSD
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampled :
 DAZQ2MSD

Manual Integrations
 APPROVED

Sohil
 7/12/2018 3:03:49 PM

Quant Time: Jul 12 01:13:06 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN061918.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Jul 11 22:41:21 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.71	152	578586	20.00	ng/ul	0.00
18) Naphthalene-d8	10.49	136	2646377	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.34	164	1528778	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.09	188	3268306	20.00	ng/ul	0.00
75) Chrysene-d12	21.29	240	2474864	20.00	ng/ul	0.00
83) Perylene-d12	23.53	264	2156308	20.00	ng/ul	0.01

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.27	96	81271m)	6.10	ng/uL	0.00
5) Phenol-d5	6.89	99	1969569	37.62	ng/ul	0.01
7) Bis-(2-Chloroethyl) ether-d	7.05	67	1212433	37.53	ng/ul	0.00
9) 2-Chlorophenol-d4	7.25	132	1597505	38.48	ng/ul	0.01
13) 4-Methylphenol-d8	8.42	113	1513357	36.08	ng/ul	0.01
19) Nitrobenzene-d5	8.86	128	822384	41.84	ng/ul	0.00
22) 2-Nitrophenol-d4	9.58	143	948922	46.65	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.11	165	1644623	37.87	ng/ul	0.00
29) 4-Chloroaniline-d4	10.62	131	872802	19.41	ng/ul	0.00
43) Dimethylphthalate-d6	13.76	166	4904792	37.99	ng/ul	0.00
46) Acenaphthylene-d8	14.03	160	6277245	39.38	ng/ul	0.00
51) 4-Nitrophenol-d4	14.56	143	811454	34.12	ng/ul	0.01
57) Fluorene-d10	15.34	176	4333419	38.30	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.46	200	647097	36.35	ng/ul	0.00
70) Anthracene-d10	17.19	188	6373404	40.36	ng/ul	0.00
76) Pyrene-d10	19.49	212	6263798	50.21	ng/ul	0.01
87) Benzo(a)pyrene-d12	23.39	264	4722506	40.27	ng/ul	0.02

SJ 7/12/18

Target Compounds

					Ovalue
6) Phenol	6.92	94	2168560	41.069	ng/ul 99
10) 2-Chlorophenol	7.28	128	1627853	38.740	ng/ul 98
15) N-Nitroso-di-n-propylamine	8.52	70	1367135	41.153	ng/ul 93
33) 4-Chloro-3-methylphenol	11.78	107	1885245	40.542	ng/ul 97
44) Dimethylphthalate	13.80	163	1428857	11.261	ng/ul 98
49) Acenaphthene	14.40	153	4315560	40.440	ng/ul 98
52) 4-Nitrophenol	14.57	109	640373	36.210	ng/ul# 70
54) 2,4-Dinitrotoluene	14.72	165	1590039	44.637	ng/ul 94
68) Pentachlorophenol	16.75	266	904424	40.903	ng/ul 99
69) Phenanthrene	17.13	178	407884	2.215	ng/ul 98
73) Di-n-butylphthalate	18.06	149	649971	3.297	ng/ul 100
74) Fluoranthene	19.15	202	1106155	5.716	ng/ul# 90
77) Pyrene	19.52	202	8842346	57.093	ng/ul# 85
78) Butylbenzylphthalate	20.43	149	428652	6.486	ng/ul 90
80) Benzo(a)anthracene	21.27	228	527907	3.375	ng/ul# 91
81) Bis(2-ethylhexyl)phthalate	21.22	149	2358603	23.933	ng/ul 98
82) Chrysene	21.32	228	681036	4.680	ng/ul# 95
85) Benzo(b)fluoranthene	22.86	252	977982	7.181	ng/ul# 84
86) Benzo(k)fluoranthene	22.90	252	308484m)	2.336	ng/ul
88) Benzo(a)pyrene	23.43	252	553401	4.348	ng/ul# 83
89) Indeno(1,2,3-cd)pyrene	25.77	276	497268	3.672	ng/ul# 83
90) Dibenzo(a,h)anthracene	25.77	278	129902	1.153	ng/ul# 57
91) Benzo(g,h,i)perylene	26.46	276	603975	5.407	ng/ul# 87

SJ 7/12/18

Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN071118\
 Data File : BN002013.D
 Acq On : 11 Jul 2018 16:36
 Operator : JU/SJ
 Sample : J3775-15MSD
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Quant Time: Jul 12 01:13:06 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN061918.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Jul 11 22:41:21 2018
 Response via : Initial Calibration

Instrument :
 BNA_N
 ClientSampleId :
 DAZQ2MSD

Manual Integrations
 APPROVED

Sohil
 7/12/2018 3:03:49 PM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

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