

(QT Reviewed)

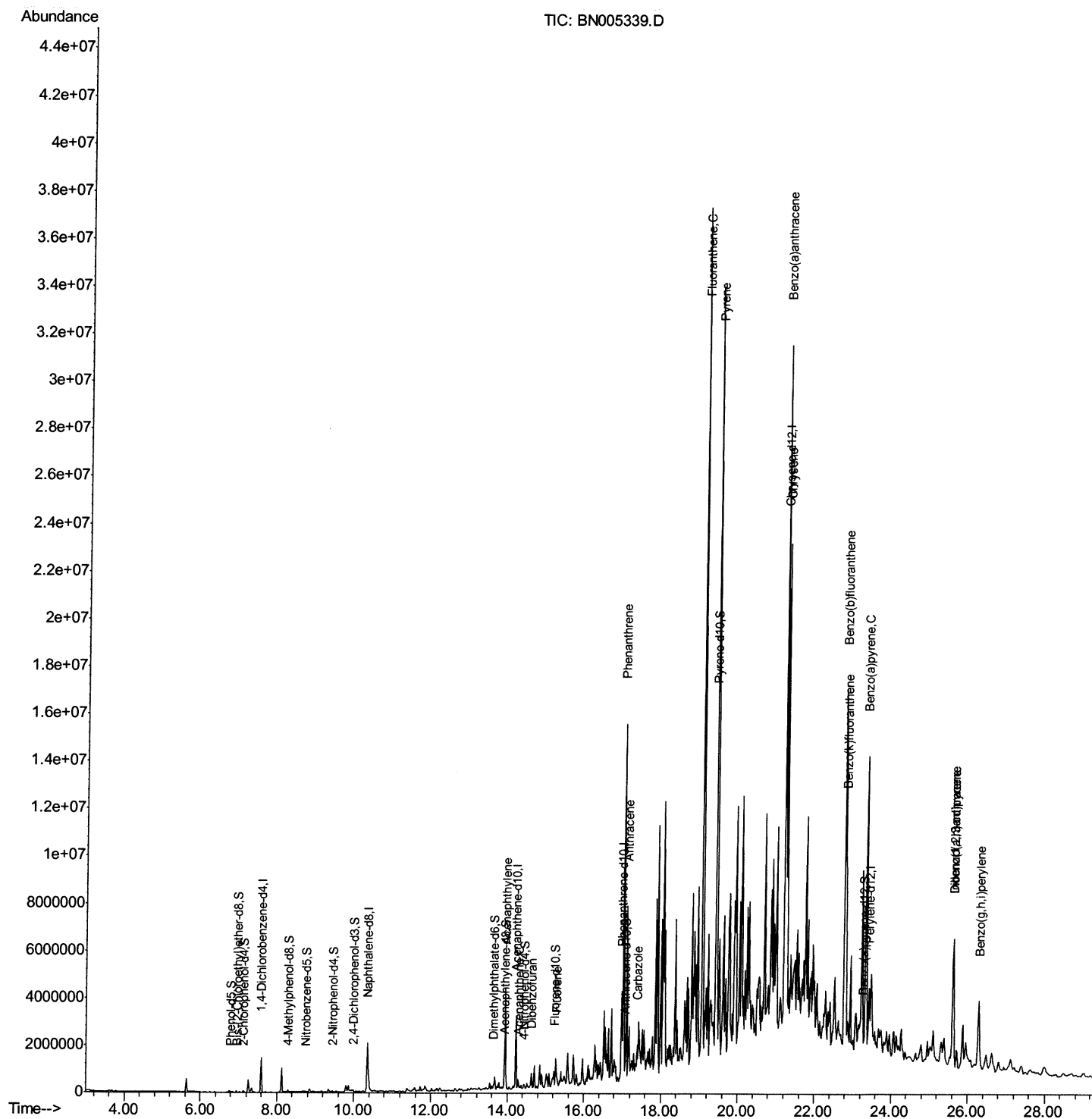
```
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN042619\  
Data File : BN005339.D  
Acq On    : 27 Apr 2019   04:33  
Operator  : JU/SJ  
Sample    : K2497-02 30X  
Misc      :  
ALS Vial  : 22      Sample Multiplier: 1
```

Instrument :
BNA_N
ClientSampleId :
GAHX8

Manual Integrations
APPROVED

Sohil
4/29/2019 1:44:07 PM

Quant Time: Apr 27 05:26:17 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Apr 26 23:54:49 2019
Response via : Initial Calibration



Quantitation Report (Qedit)

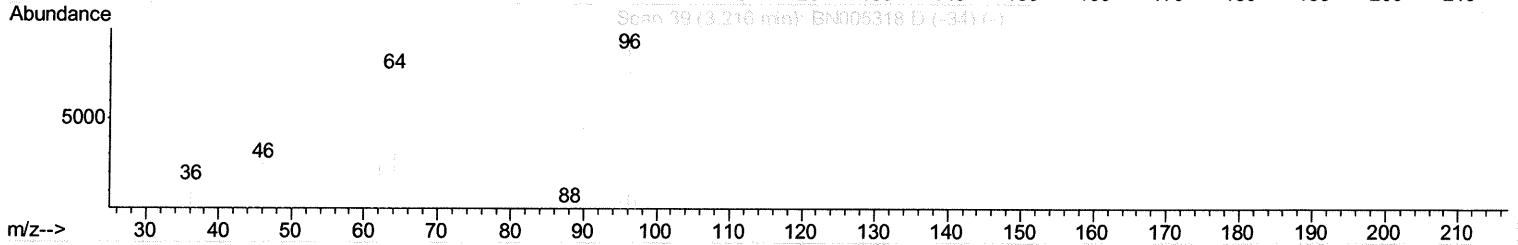
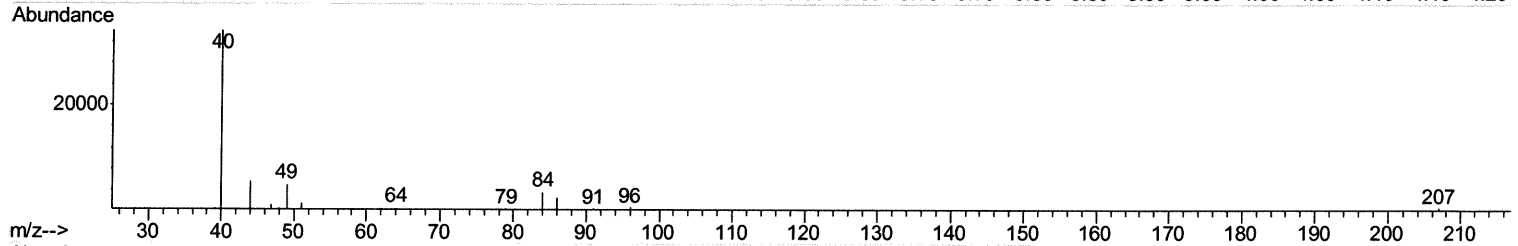
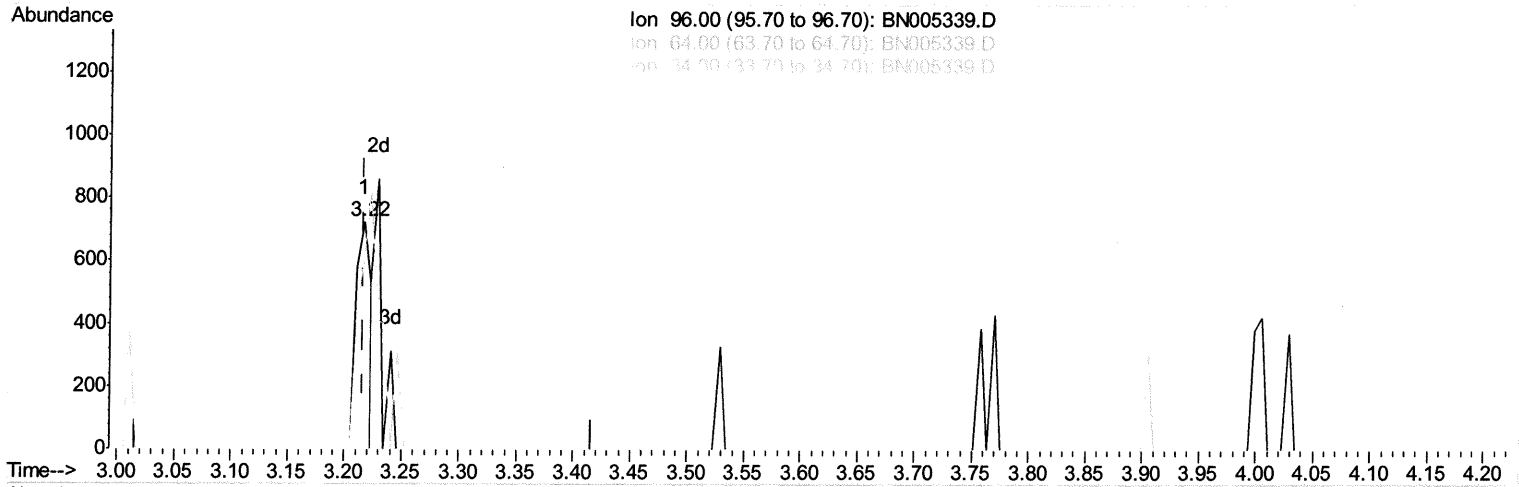
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN042619\
 Data File : BN005339.D
 Acq On : 27 Apr 2019 04:33
 Operator : JU/SJ
 Sample : K2497-02 30X
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 GAHX8

Manual Integrations
 APPROVED

Sohil
 4/29/2019 1:44:07 PM

Quant Time: Apr 27 05:24:02 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Apr 26 23:54:49 2019
 Response via : Initial Calibration



TIC: BN005339.D

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

3.217min (+0.000) 0.08ng/uL

response 647

Ion	Exp%	Act%
96.00	100	100
64.00	77.40	84.53
34.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

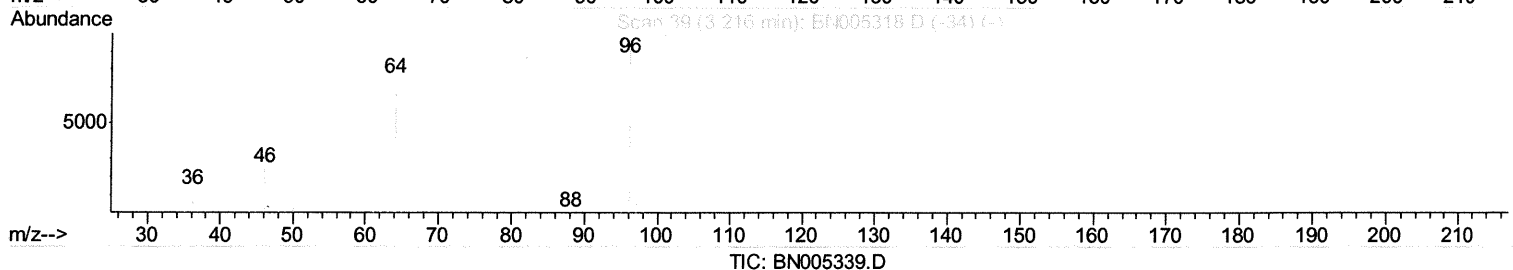
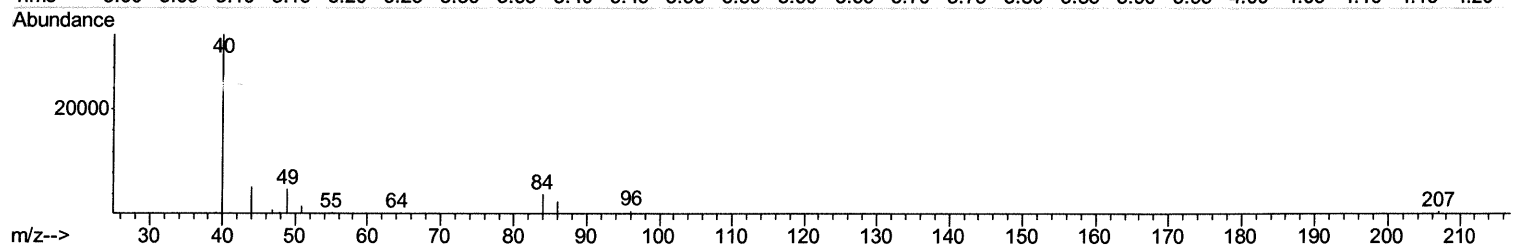
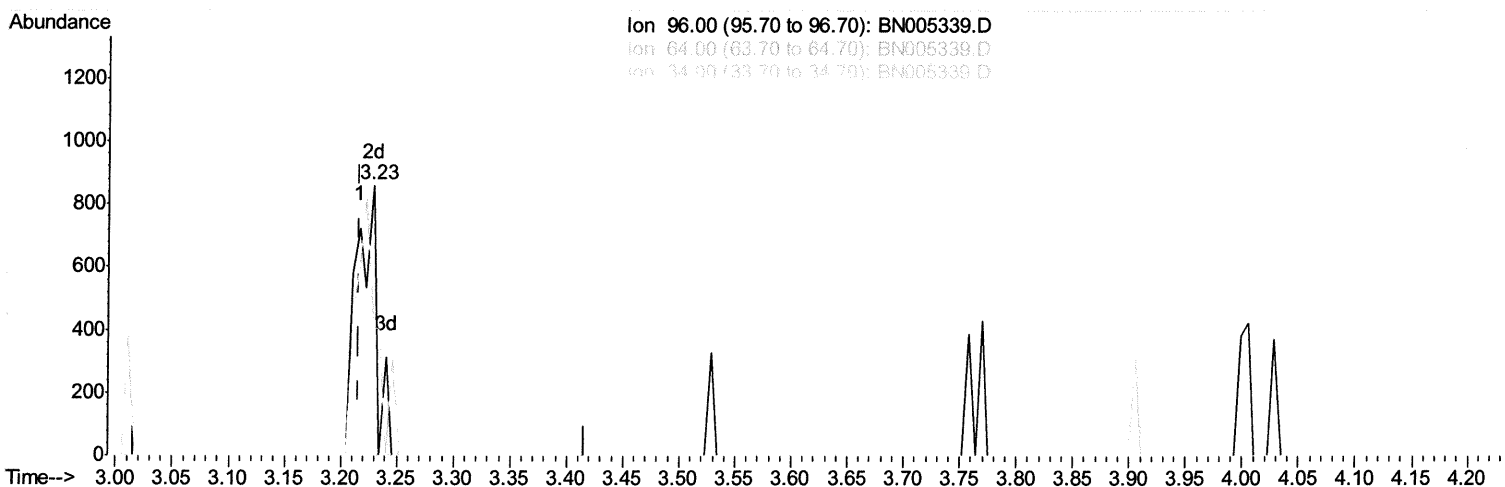
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN042619\
Data File : BN005339.D
Acq On : 27 Apr 2019 04:33
Operator : JU/SJ
Sample : K2497-02 30X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
GAHX8

Manual Integrations
APPROVED

Sohil
4/29/2019 1:44:07 PM

Quant Time: Apr 27 05:24:02 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Apr 26 23:54:49 2019
Response via : Initial Calibration



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

3.228min (+0.012) 0.12ng/uL m SJ 04/30/19

response 950

Ion	Exp%	Act%
96.00	100	100
64.00	77.40	47.73#
34.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

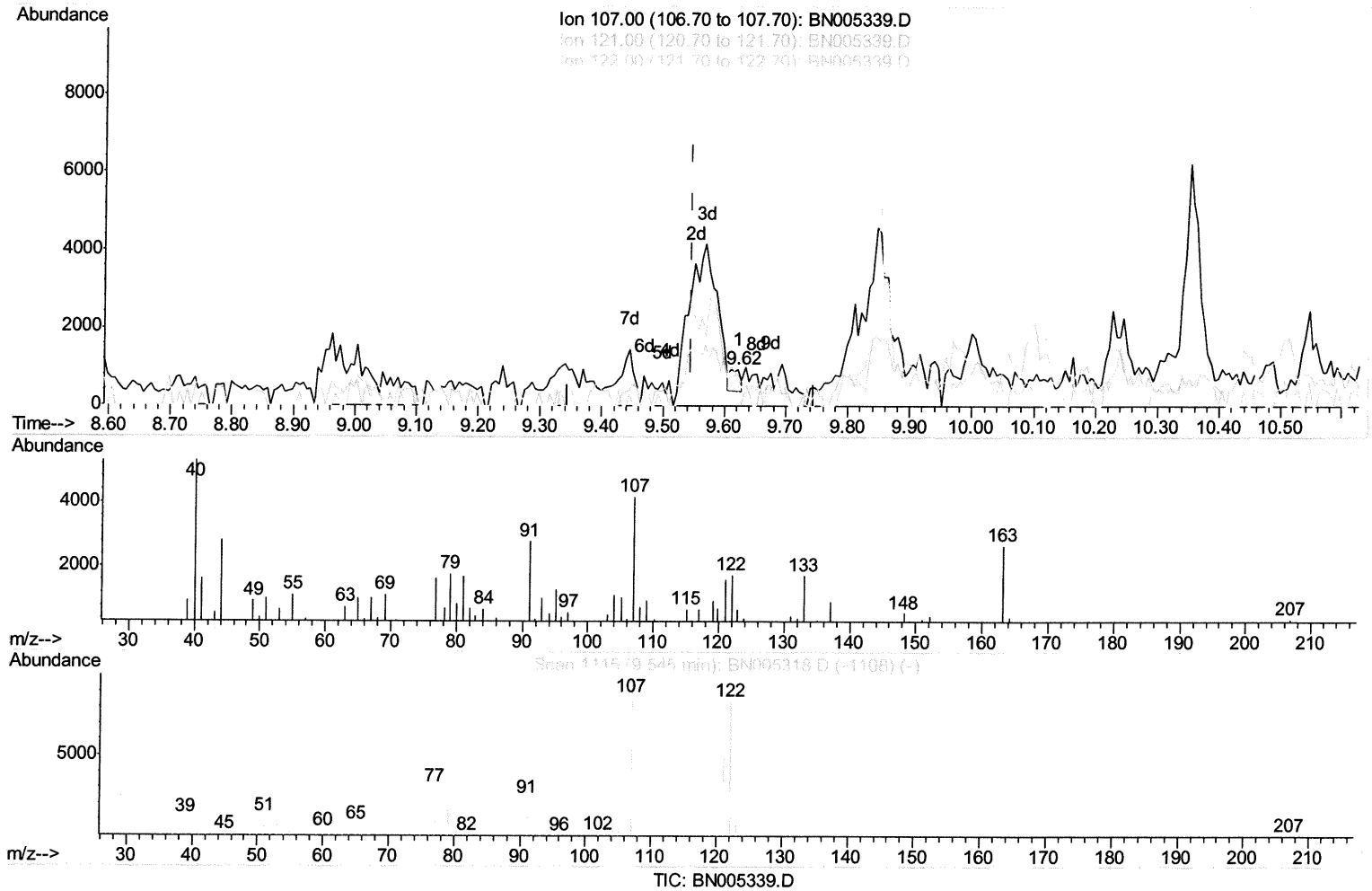
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN042619\
 Data File : BN005339.D
 Acq On : 27 Apr 2019 04:33
 Operator : JU/SJ
 Sample : K2497-02 30X
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleID :
 GAHX8

Manual Integrations
 APPROVED

Sohil
 4/29/2019 1:44:07 PM

Quant Time: Apr 27 05:24:02 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Apr 26 23:54:49 2019
 Response via : Initial Calibration



(24) 2,4-Dimethylphenol

9.622min (+0.077) 0.02ng/ul

response 664

Ion	Exp%	Act%
107.00	100	100
121.00	47.30	48.51
122.00	81.20	83.33
0.00	0.00	0.00

Quantitation Report (Qedit)

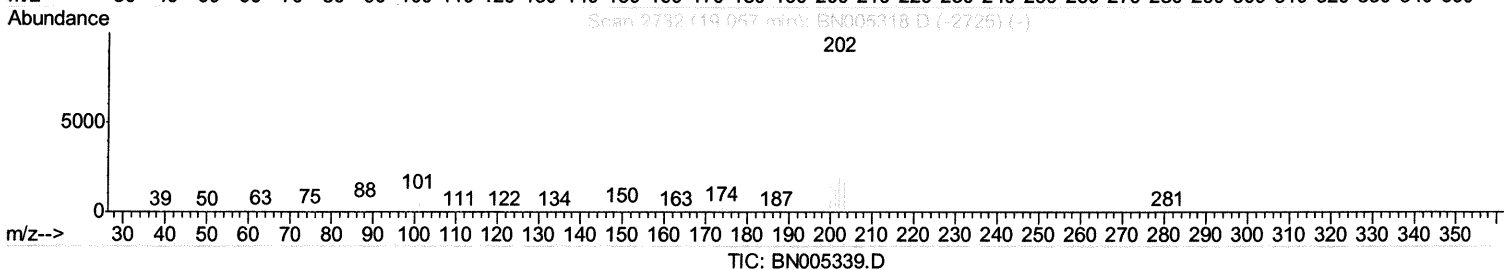
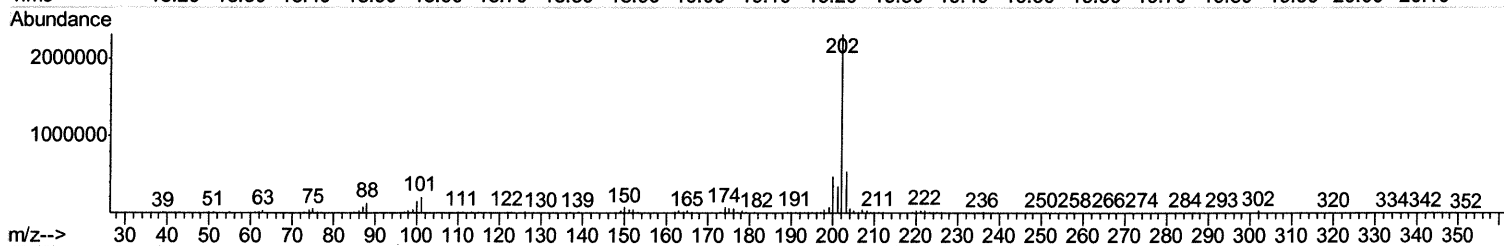
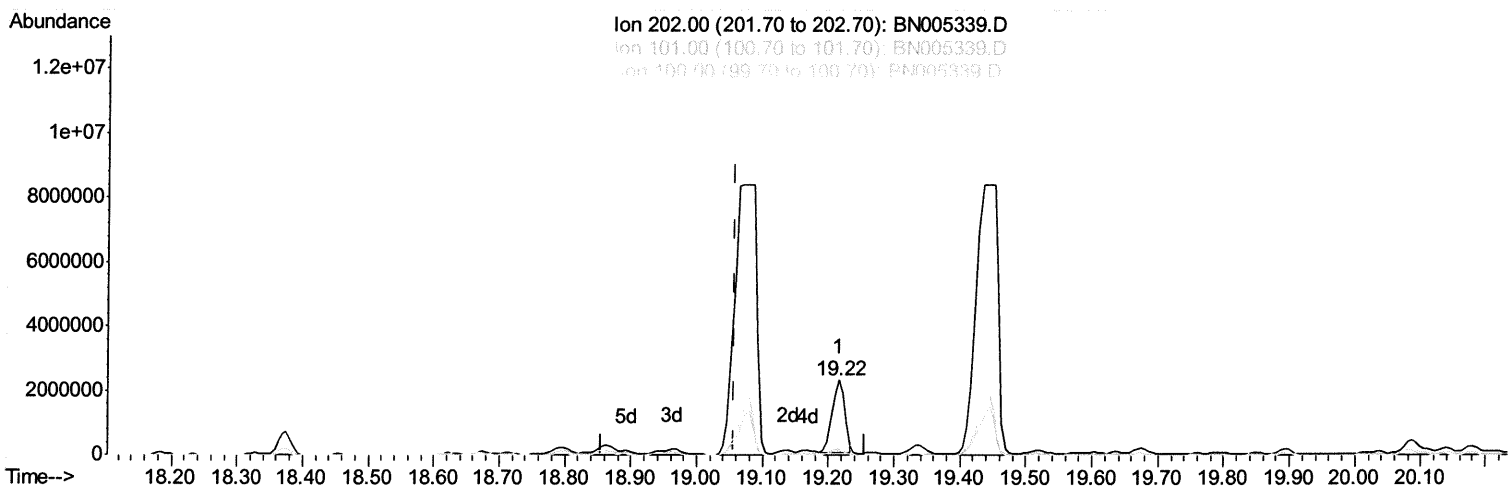
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN042619\
 Data File : BN005339.D
 Acq On : 27 Apr 2019 04:33
 Operator : JU/SJ
 Sample : K2497-02 30X
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 GAHX8

Manual Integrations
 APPROVED

Sohil
 4/29/2019 1:44:07 PM

Quant Time: Apr 27 05:24:02 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Apr 26 23:54:49 2019
 Response via : Initial Calibration



(76) Fluoranthene (C)

19.216min (+0.159) 23.44ng/ul

response 2927855

Ion	Exp%	Act%
202.00	100	100
101.00	10.70	9.05
100.00	7.90	7.04
0.00	0.00	0.00

Quantitation Report (Qedit)

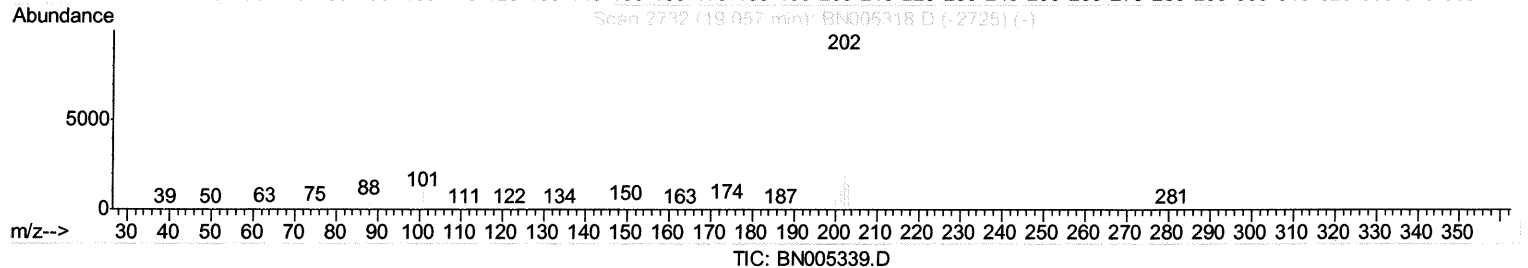
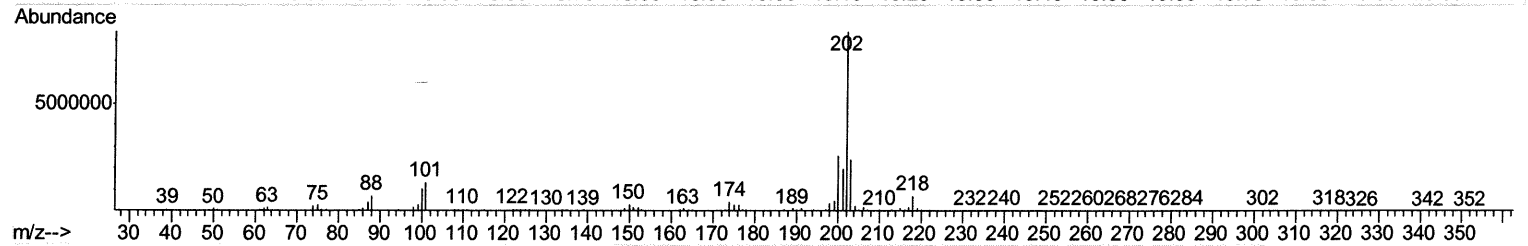
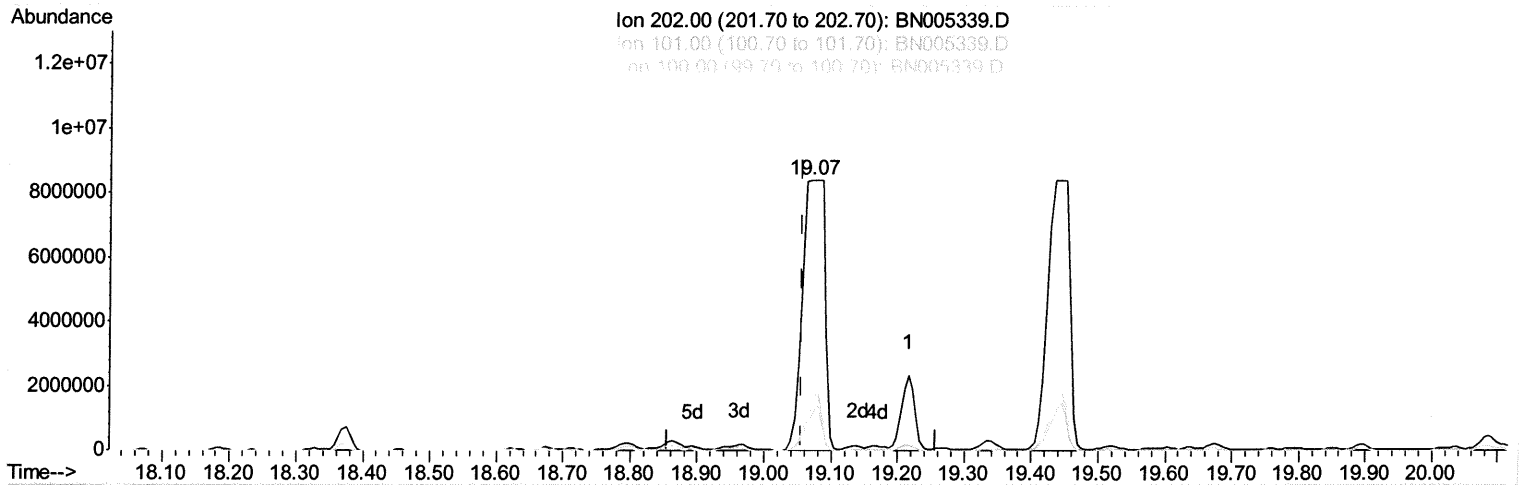
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN042619\
 Data File : BN005339.D
 Acq On : 27 Apr 2019 04:33
 Operator : JU/SJ
 Sample : K2497-02 30X
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 GAHX8

Manual Integrations
 APPROVED

Sohil
 4/29/2019 1:44:07 PM

Quant Time: Apr 27 05:24:02 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Apr 26 23:54:49 2019
 Response via : Initial Calibration



(76) Fluoranthene (C)

19.069min (+0.012) 157.37ng/ul m *SJ04/30/19*

response 19657357

Ion	Exp%	Act%
202.00	100	100
101.00	10.70	16.09#
100.00	7.90	12.18#
0.00	0.00	0.00

Quantitation Report (Qedit)

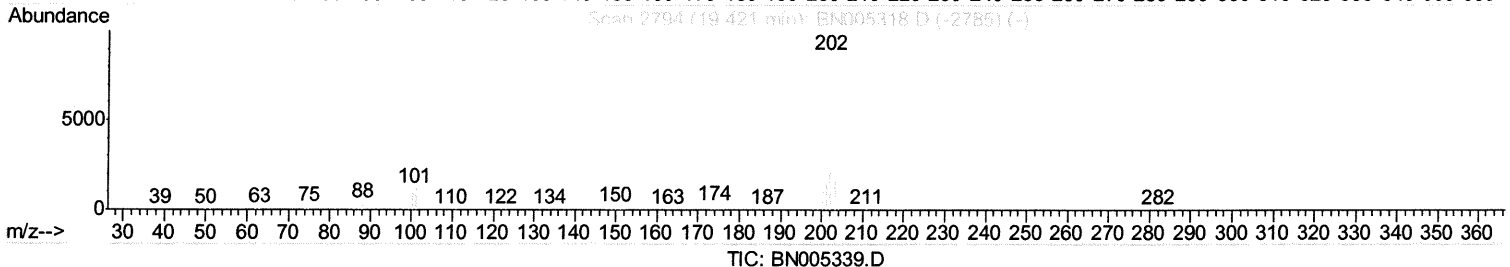
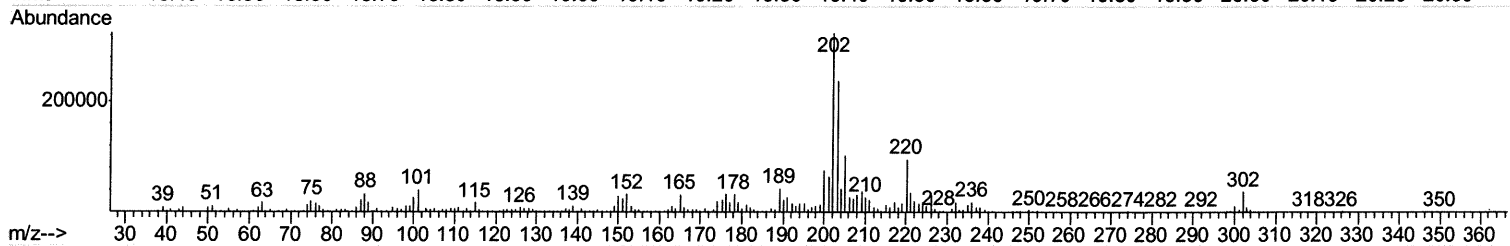
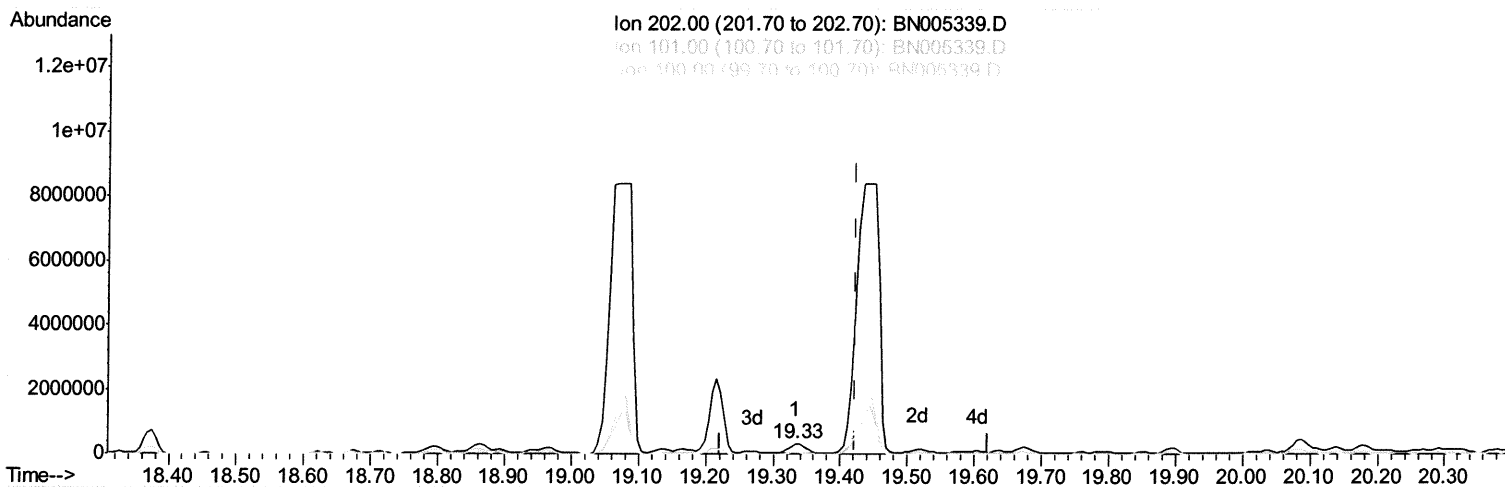
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN042619\
 Data File : BN005339.D
 Acq On : 27 Apr 2019 04:33
 Operator : JU/SJ
 Sample : K2497-02 30X
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 GAHX8

Manual Integrations
 APPROVED

Sohil
 4/29/2019 1:44:07 PM

Quant Time: Apr 27 05:24:02 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Apr 26 23:54:49 2019
 Response via : Initial Calibration



(79) Pyrene

19.333min (-0.088) 4.60ng/ul

response 476773

Ion	Exp%	Act%
202.00	100	100
101.00	12.90	12.56
100.00	9.90	8.09
0.00	0.00	0.00

Quantitation Report (Qedit)

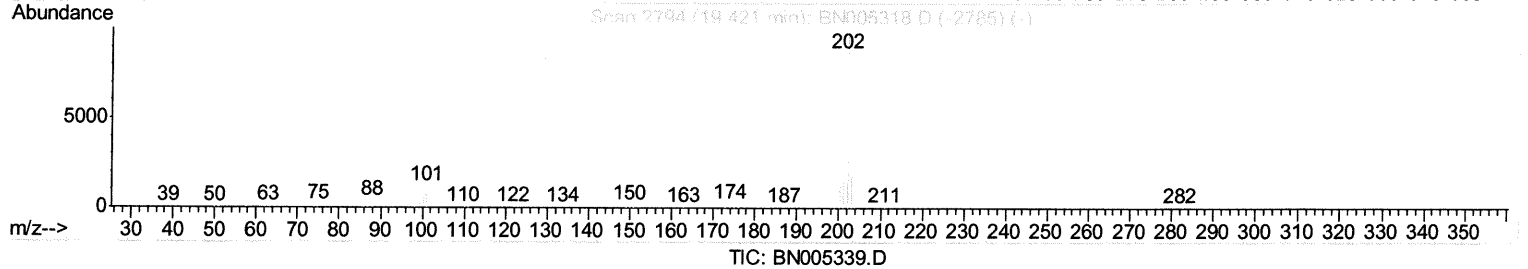
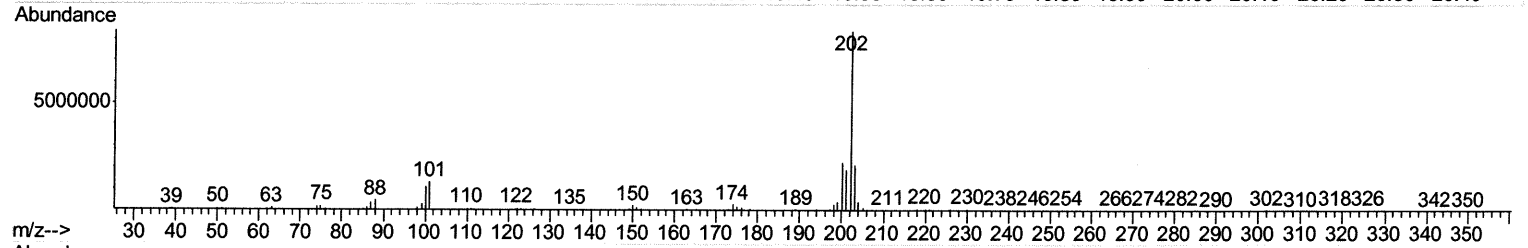
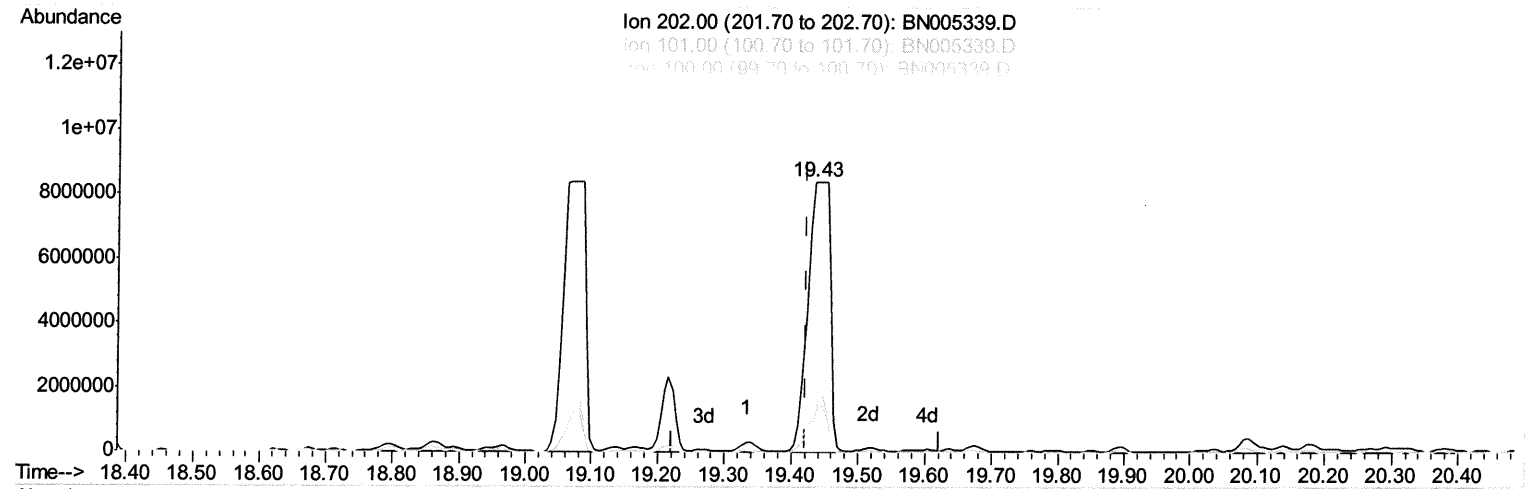
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN042619\
 Data File : BN005339.D
 Acq On : 27 Apr 2019 04:33
 Operator : JU/SJ
 Sample : K2497-02 30X
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 GAHX8

Manual Integrations
 APPROVED

Sohil
 4/29/2019 1:44:07 PM

Quant Time: Apr 27 05:24:02 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Apr 26 23:54:49 2019
 Response via : Initial Calibration



(79) Pyrene

19.433min (+0.012) 186.11ng/ul m

SJ 04/30/19

response 19308362

Ion	Exp%	Act%
202.00	100	100
101.00	12.90	15.69#
100.00	9.90	12.76#
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN042619\
 Data File : BN005339.D
 Acq On : 27 Apr 2019 04:33
 Operator : JU/SJ
 Sample : K2497-02 30X
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampled :
 GAHX8

Manual Integrations
 APPROVED

Sohil
 4/29/2019 1:44:07 PM

Quant Time: Apr 27 05:26:17 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Apr 26 23:54:49 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.59	152	391956	20.00	ng/ul	0.00
18) Naphthalene-d8	10.35	136	1686327	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.23	164	1021938	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.98	188	2312292	20.00	ng/ul	0.00
77) Chrysene-d12	21.23	240	1611326	20.00	ng/ul	0.01
85) Perylene-d12	23.43	264	1726859	20.00	ng/ul	0.01

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.23	96	950m	0.12	ng/uL	0.01	SJ 04/30/19
5) Phenol-d5	6.78	99	36689	1.19	ng/ul	0.00	
7) Bis-(2-Chloroethyl)ether-d	6.94	67	20854	1.09	ng/ul	0.00	
9) 2-Chlorophenol-d4	7.13	132	29690	1.26	ng/ul	0.00	
13) 4-Methylphenol-d8	8.29	113	30981	1.29	ng/ul	0.00	
19) Nitrobenzene-d5	8.74	128	14331	1.38	ng/ul	0.00	
22) 2-Nitrophenol-d4	9.45	143	14700	1.40	ng/ul	0.00	
26) 2,4-Dichlorophenol-d3	9.98	165	29655	1.23	ng/ul	0.00	
29) 4-Chloroaniline-d4	10.50	131	11045	0.44	ng/ul	0.00	
43) Dimethylphthalate-d6	13.64	166	100349	1.35	ng/ul	0.00	
46) Acenaphthylene-d8	13.92	160	123191	1.35	ng/ul	0.00	
51) 4-Nitrophenol-d4	14.45	143	15887	1.36	ng/ul	0.00	
57) Fluorene-d10	15.22	176	92471	1.49	ng/ul	0.00	
62) 4,6-Dinitro-2-methylphenol	15.36	200	7630	0.73	ng/ul	0.00	
70) Anthracene-d10	17.08	188	140738	1.45	ng/ul	0.00	
78) Pyrene-d10	19.40	212	138720	1.68	ng/ul	0.01	
89) Benzo(a)pyrene-d12	23.29	264	92238	1.22	ng/ul	0.01	

Target Compounds

					Qvalue	
47) Acenaphthylene	13.95	152	3040862	33.960	ng/ul	99
49) Acenaphthene	14.29	153	141430	2.314	ng/ul	95
53) Dibenzofuran	14.63	168	111162	1.263	ng/ul	96
58) Fluorene	15.28	166	425464	6.195	ng/ul#	98
69) Phenanthrene	17.03	178	9312179	82.692	ng/ul	98
71) Anthracene	17.12	178	4492122	39.158	ng/ul	99
74) Carbazole	17.39	167	598140	6.070	ng/ul	95
76) Fluoranthene	19.07	202	19657357m	157.374	ng/ul	SJ 04/30/19
79) Pyrene	19.43	202	19308362m	186.108	ng/ul	
82) Benzo(a)anthracene	21.21	228	14719948	146.845	ng/ul#	82
84) Chrysene	21.26	228	11431978	122.881	ng/ul#	93
87) Benzo(b)fluoranthene	22.79	252	12611697	129.922	ng/ul	97
88) Benzo(k)fluoranthene	22.82	252	4696364	50.657	ng/ul	96
90) Benzo(a)pyrene	23.34	252	9749443	106.852	ng/ul	98
91) Indeno(1,2,3-cd)pyrene	25.62	276	4885132	48.426	ng/ul	98
92) Dibenz(a,h)anthracene	25.62	278	1578618	18.439	ng/ul	92
93) Benzo(g,h,i)perylene	26.29	276	3425187	41.063	ng/ul	96

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