

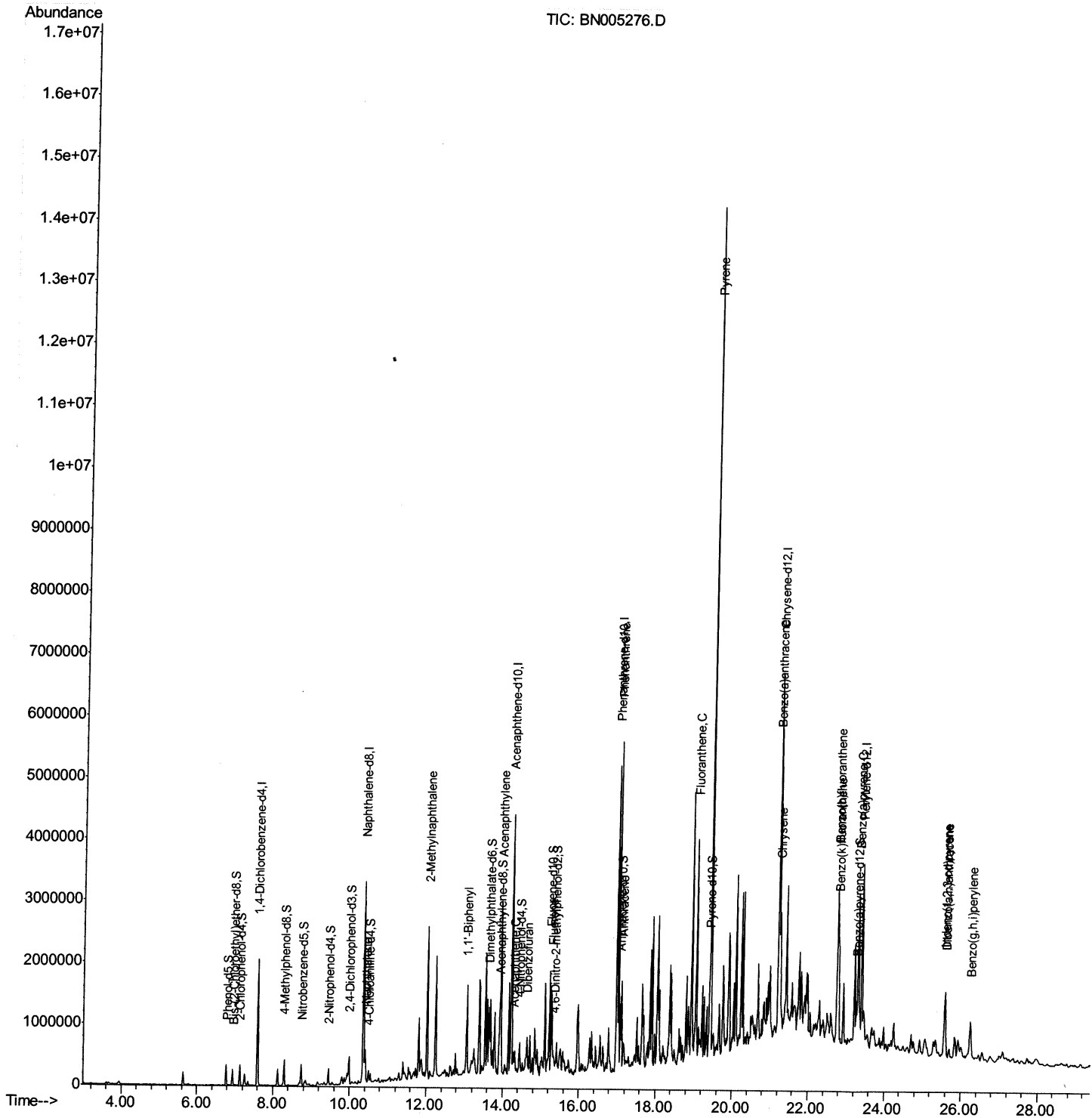
Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN042419\
Data File : BN005276.D
Acq On : 25 Apr 2019 06:52
Operator : JU/SJ
Sample : K2455-20 5X
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampled :
GAHS0

Manual Integrations
APPROVED

Sohil
4/25/2019 5:35:29 PM

Quant Time: Apr 25 07:33:02 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Apr 25 03:19:34 2019
Response via : Initial Calibration



Quantitation Report (Qedit)

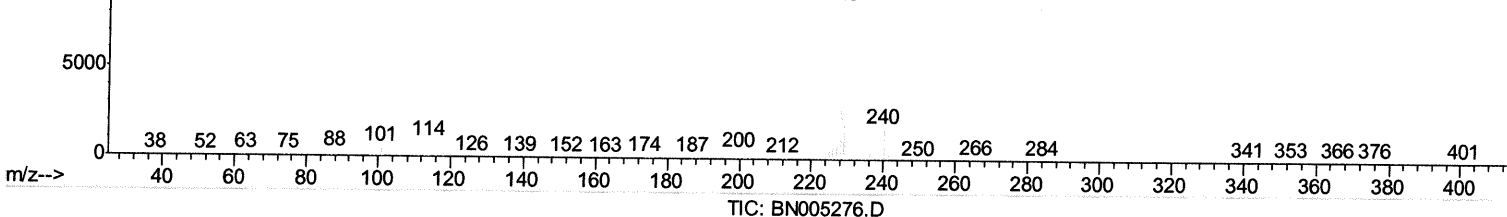
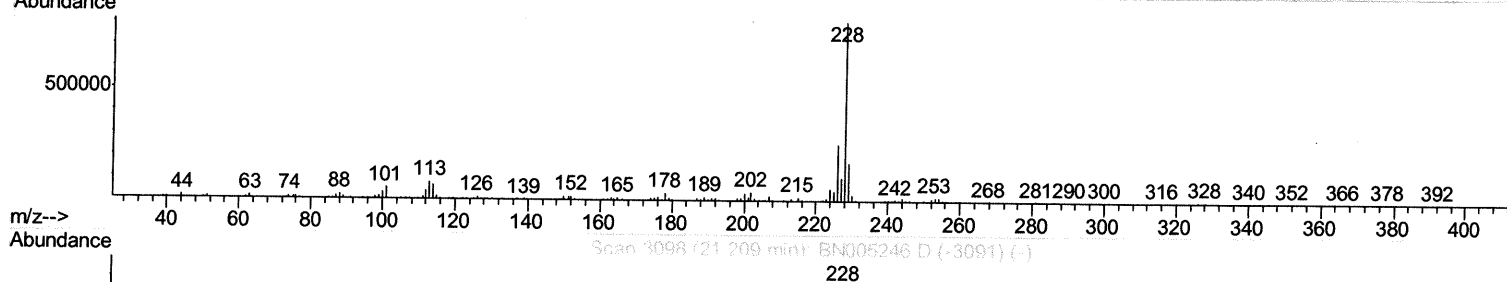
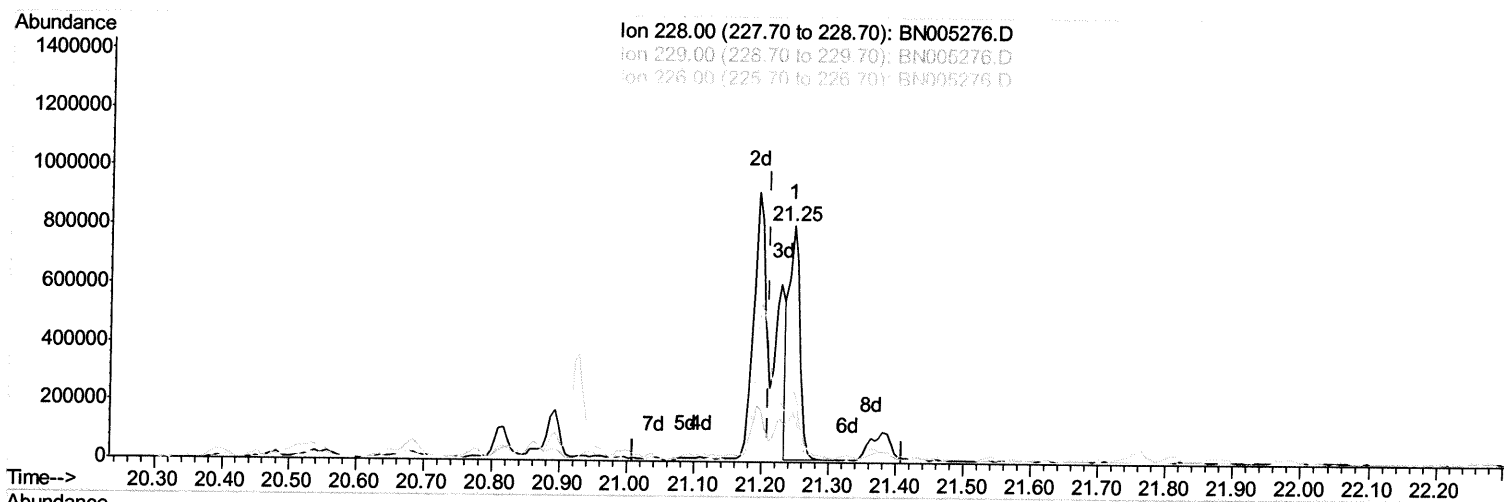
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Manual Integrations
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Sohil
 4/25/2019 5:35:29 PM

Quant Time: Apr 25 07:30:51 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
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 QLast Update : Thu Apr 25 03:19:34 2019
 Response via : Initial Calibration



(82) Benzo(a)anthracene

21.245min (+0.036) 7.17ng/ul

response 897369

Ion	Exp%	Act%
228.00	100	100
229.00	19.70	21.20
226.00	26.80	31.31
0.00	0.00	0.00

Quantitation Report (Qedit)

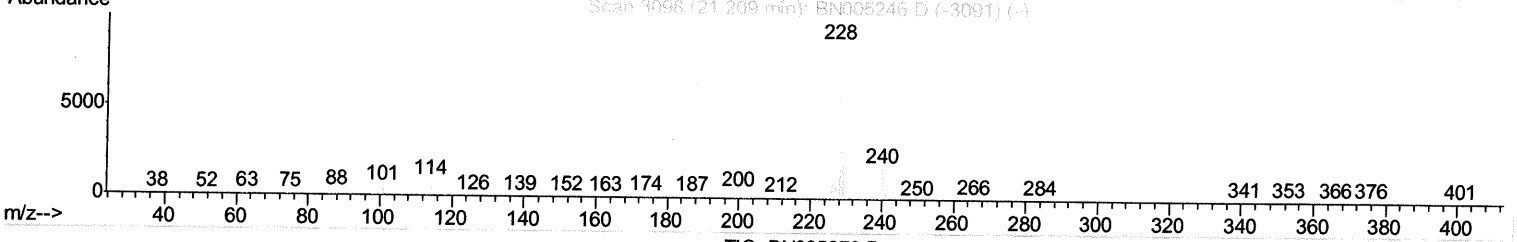
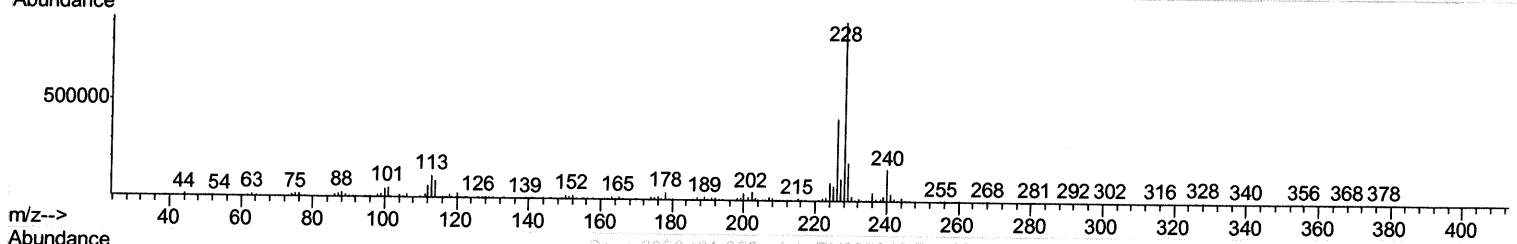
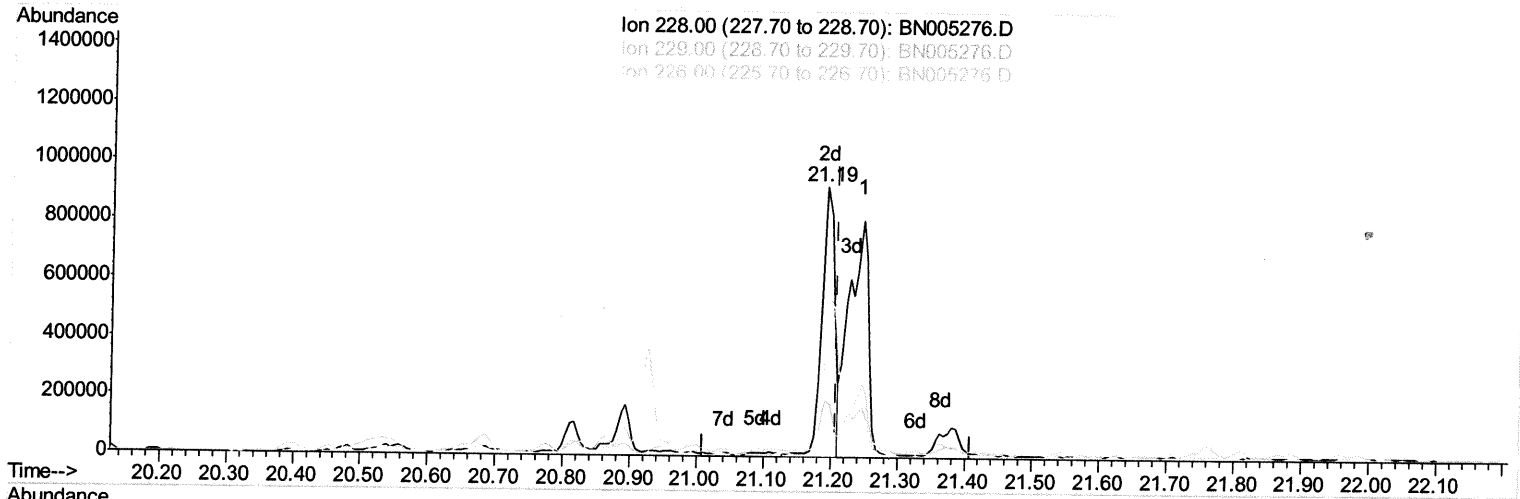
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Instrument :
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 ClientSampleId :
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Manual Integrations
 APPROVED

Sohil
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TIC: BN005276.D

(82) Benzo(a)anthracene

21.192min (-0.017) 9.86ng/ul m ^{SS} 05/03/19

response 1233272

Ion	Exp%	Act%
228.00	100	100
229.00	19.70	20.97
226.00	26.80	45.72#
0.00	0.00	0.00

Quantitation Report (Qedit)

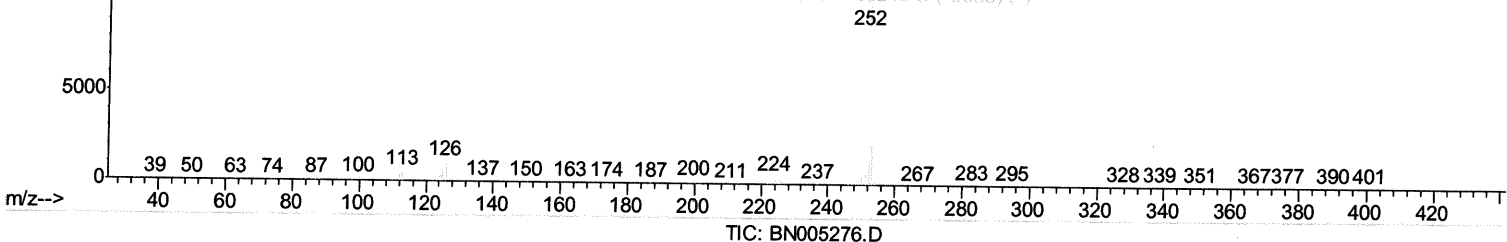
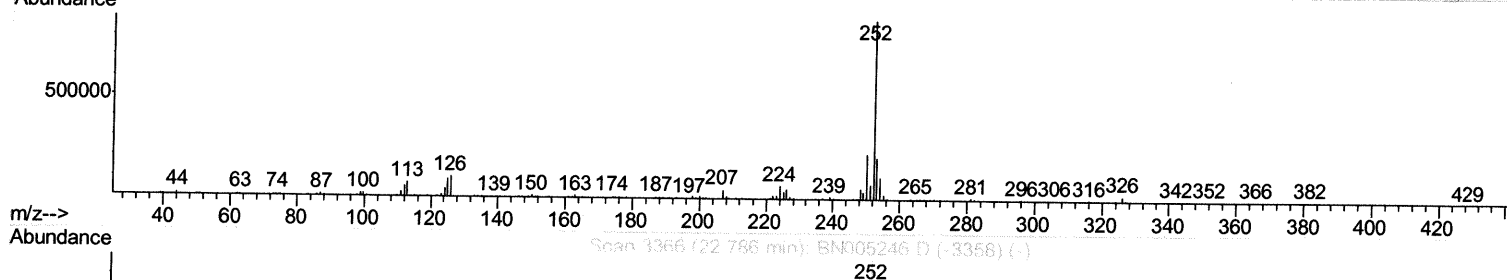
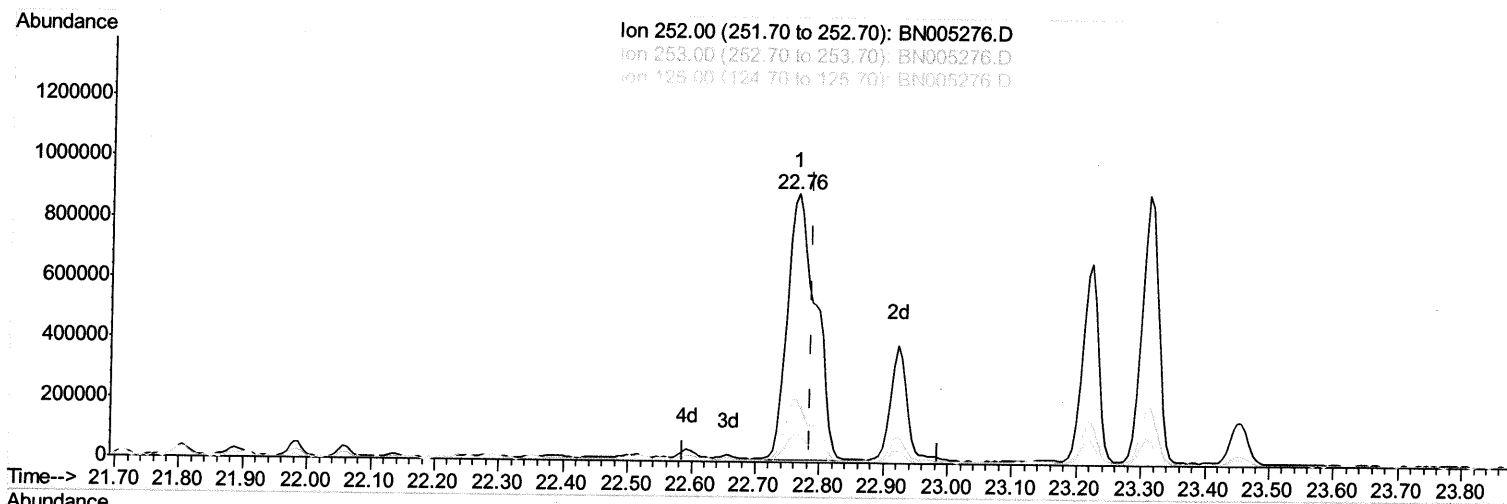
Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN042419\
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 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 GAHS0

Manual Integrations
 APPROVED

Sohil
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Quant Time: Apr 25 07:30:51 2019
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 Response via : Initial Calibration



(87) Benzo(b)fluoranthene

22.763min (-0.023) 23.37ng/ul

response 2731908

Ion	Exp%	Act%
252.00	100	100
253.00	22.10	23.32
125.00	10.50	10.16
0.00	0.00	0.00

Quantitation Report (Qedit)

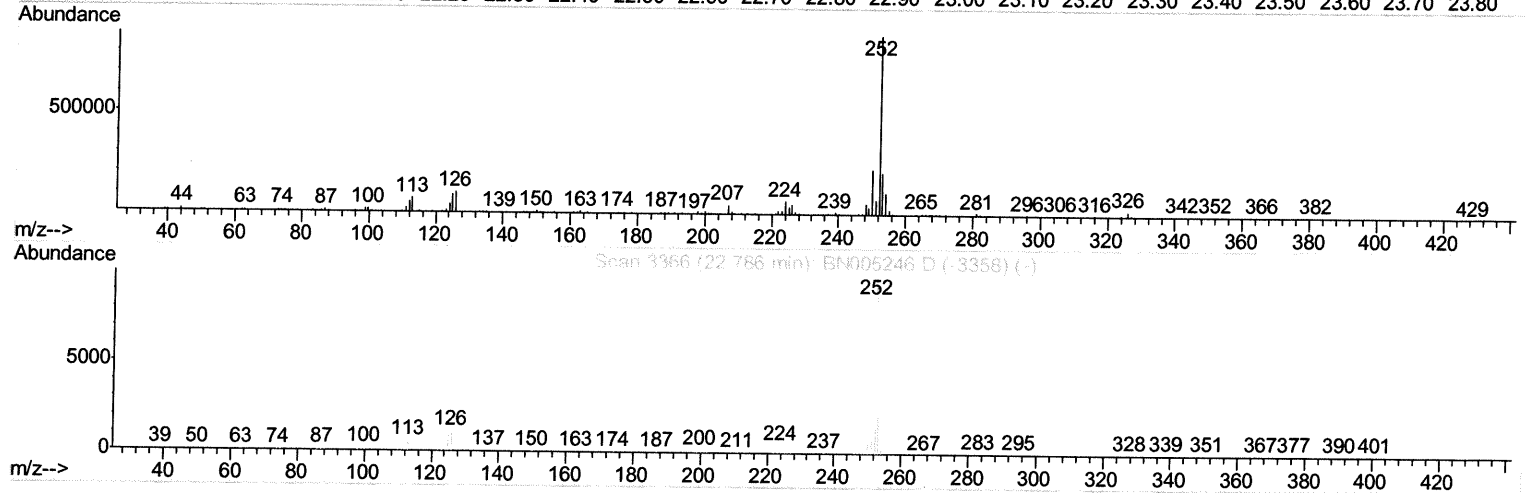
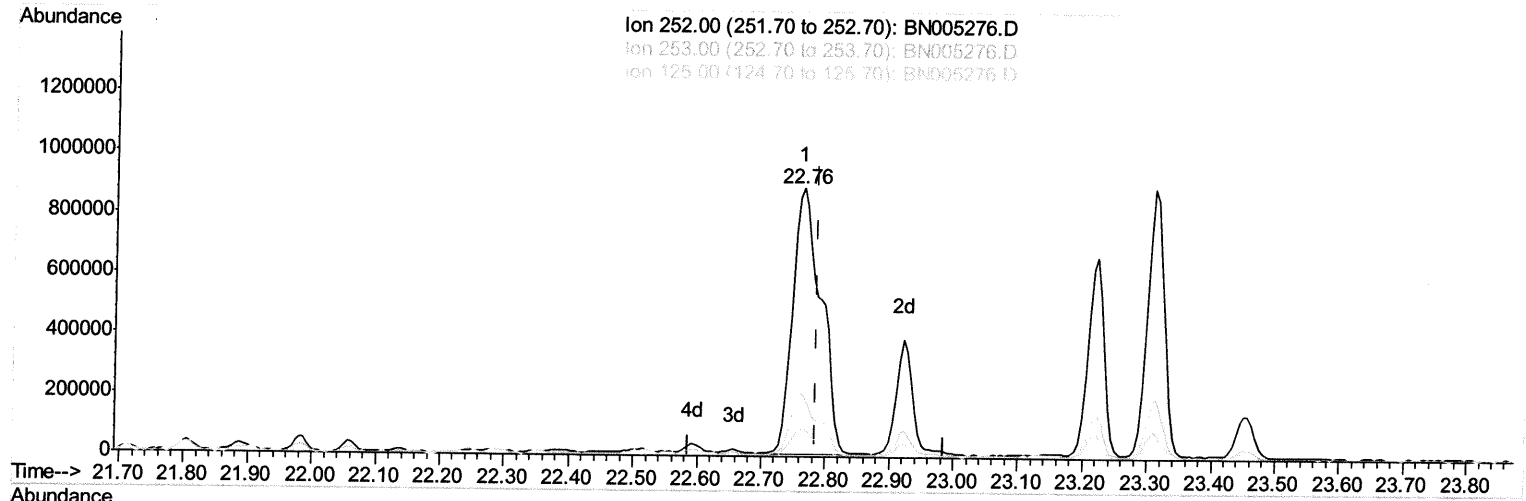
Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN042419\
 Data File : BN005276.D
 Acq On : 25 Apr 2019 06:52
 Operator : JU/SJ
 Sample : K2455-20 5X
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 GAHS0

Manual Integrations
 APPROVED

Sohil
 4/25/2019 5:35:29 PM

Quant Time: Apr 25 07:30:51 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Apr 25 03:19:34 2019
 Response via : Initial Calibration



(87) Benzo(b)fluoranthene

22.763min (-0.023) 23.37ng/ul

response 2731908

Ion	Exp%	Act%
252.00	100	100
253.00	22.10	23.32
125.00	10.50	10.16
0.00	0.00	0.00

Quantitation Report (Qedit)

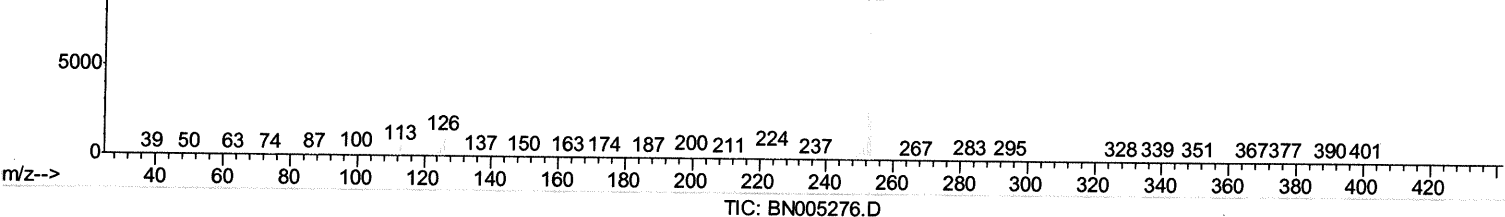
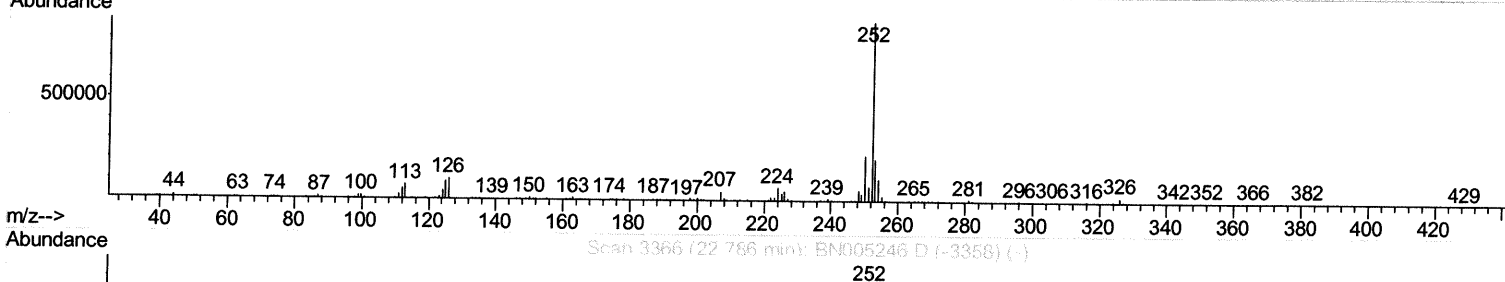
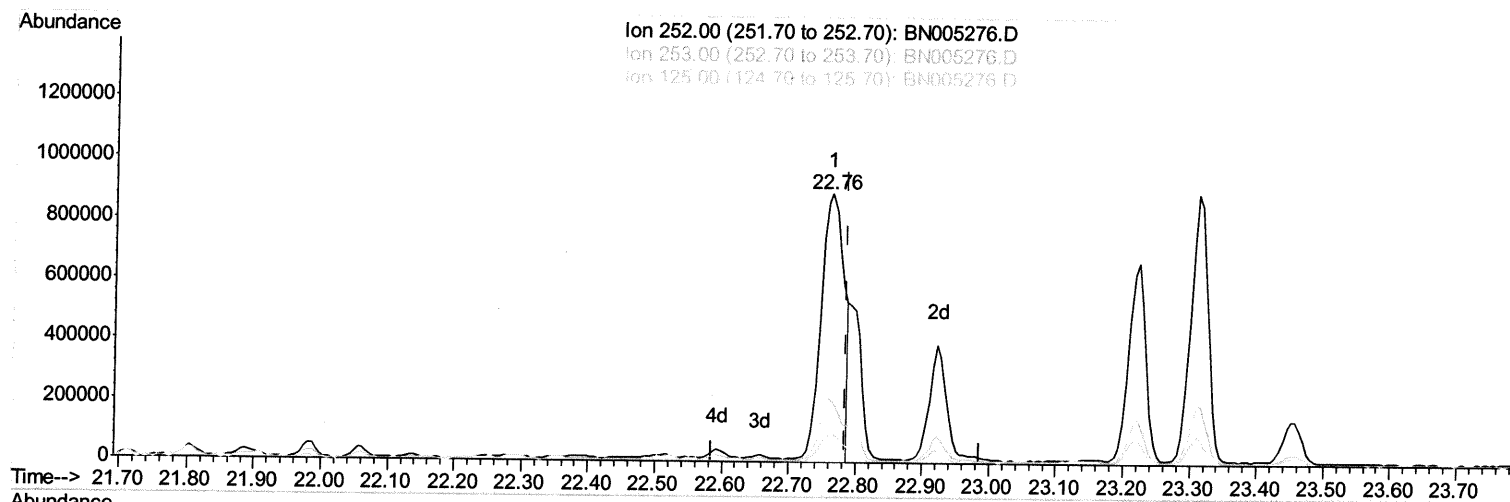
Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN042419\
 Data File : BN005276.D
 Acq On : 25 Apr 2019 06:52
 Operator : JU/SJ
 Sample : K2455-20 5X
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 GAHS0

Manual Integrations
 APPROVED

Sohil
 4/25/2019 5:35:29 PM

Quant Time: Apr 25 07:30:51 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Apr 25 03:19:34 2019
 Response via : Initial Calibration



(87) Benzo(b)fluoranthene

22.763min (-0.023) 18.36ng/ul m *SJ* 05/03/19

response 2145956

Ion	Exp%	Act%
252.00	100	100
253.00	22.10	23.32
125.00	10.50	10.16
0.00	0.00	0.00

Quantitation Report (Qedit)

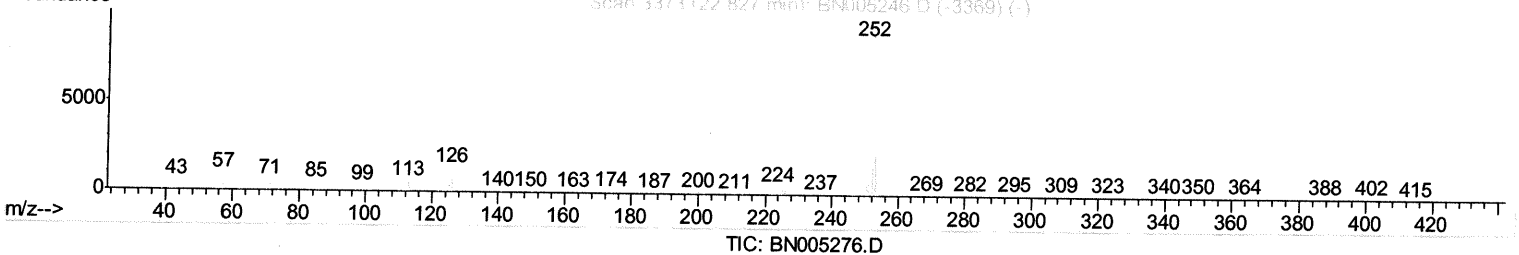
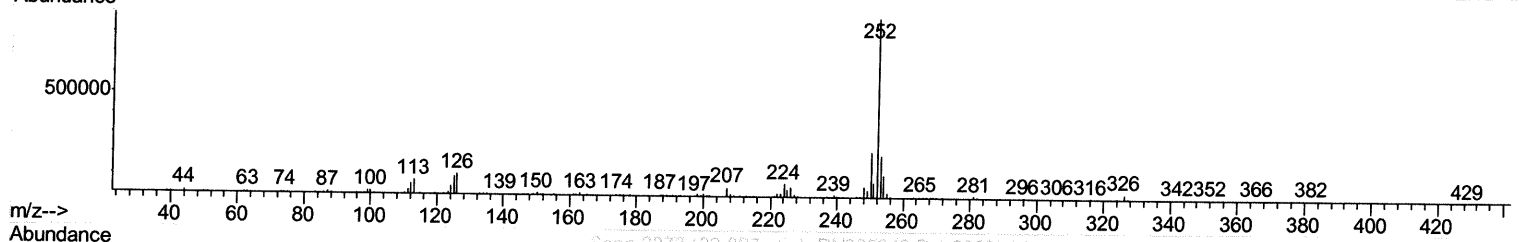
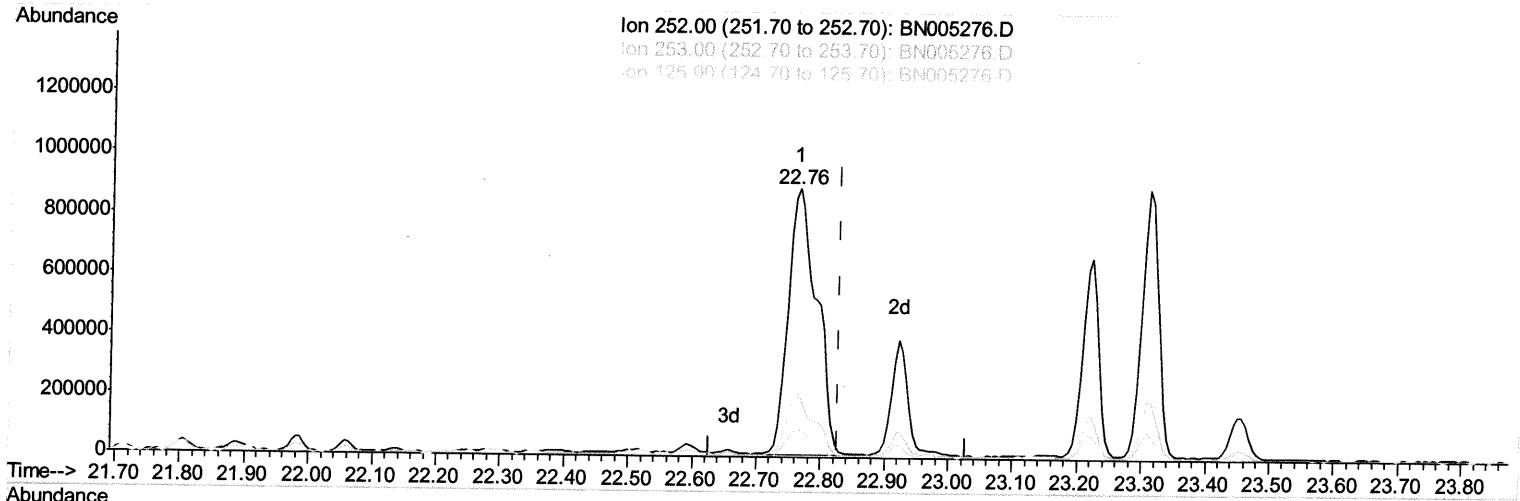
Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN042419\
 Data File : BN005276.D
 Acq On : 25 Apr 2019 06:52
 Operator : JU/SJ
 Sample : K2455-20 5X
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 GAHS0

Manual Integrations
 APPROVED

Sohil
 4/25/2019 5:35:29 PM

Quant Time: Apr 25 07:30:51 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Apr 25 03:19:34 2019
 Response via : Initial Calibration



(88) Benzo(k)fluoranthene

22.763min (-0.064) 24.47ng/ul

response 2731908

Ion	Exp%	Act%
252.00	100	100
253.00	21.70	23.32
125.00	9.40	10.16
0.00	0.00	0.00

Quantitation Report (Qedit)

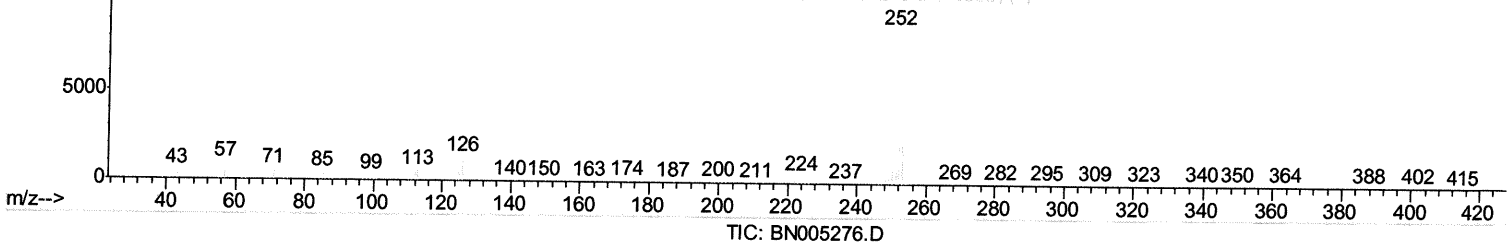
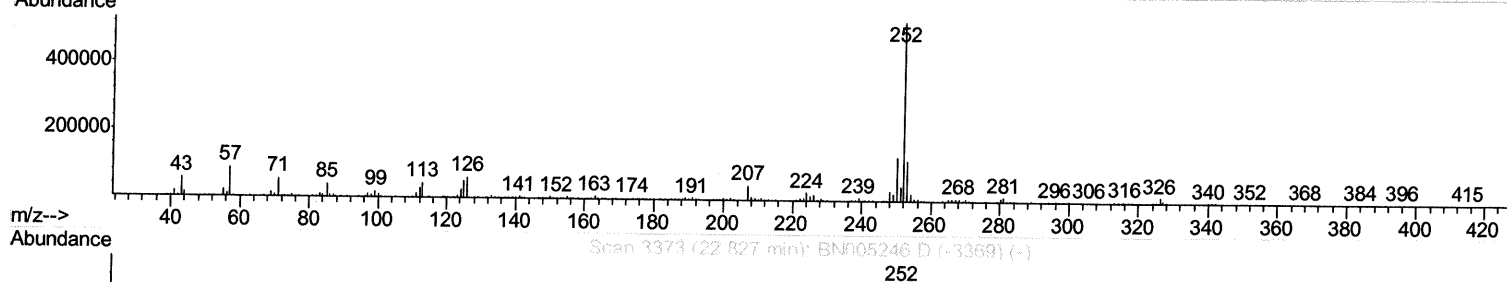
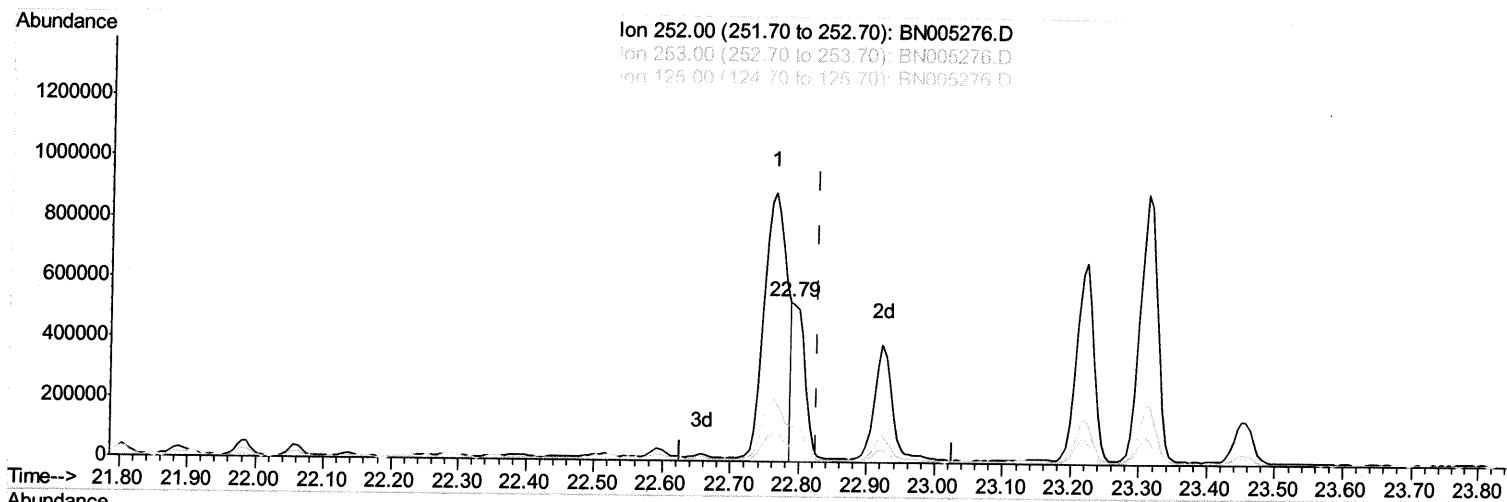
Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN042419\
 Data File : BN005276.D
 Acq On : 25 Apr 2019 06:52
 Operator : JU/SJ
 Sample : K2455-20 5X
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 GAHS0

Manual Integrations
 APPROVED

Sohil
 4/25/2019 5:35:29 PM

Quant Time: Apr 25 07:30:51 2019
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 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Apr 25 03:19:34 2019
 Response via : Initial Calibration



(88) Benzo(k)fluoranthene

22.786min (-0.041) 6.03ng/ul m *SJ* 05/03/19

response 673319

Ion	Exp%	Act%
252.00	100	100
253.00	21.70	22.77
125.00	9.40	9.98
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN042419\
 Data File : BN005276.D
 Acq On : 25 Apr 2019 06:52
 Operator : JU/SJ
 Sample : K2455-20 5X
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampled :
 GAHS0

Manual Integrations
 APPROVED

Sohil
 4/25/2019 5:35:29 PM

Quant Time: Apr 25 07:33:02 2019

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Quant Title : SVOA CALIBRATION

QLast Update : Thu Apr 25 03:19:34 2019

Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.59	152	526387	20.00	ng/ul	0.00
18) Naphthalene-d8	10.36	136	2299553	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.23	164	1347969	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.98	188	2884126	20.00	ng/ul	0.00
77) Chrysene-d12	21.21	240	2010627	20.00	ng/ul	-0.02
85) Perylene-d12	23.41	264	2079722	20.00	ng/ul	-0.03

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.22	96	8231	0.75	ng/uL	0.00
5) Phenol-d5	6.78	99	184070	4.45	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.94	67	111868	4.34	ng/ul	0.00
9) 2-Chlorophenol-d4	7.13	132	149429	4.72	ng/ul	0.00
13) 4-Methylphenol-d8	8.29	113	158656	4.91	ng/ul	-0.01
19) Nitrobenzene-d5	8.73	128	72518	5.12	ng/ul	0.00
22) 2-Nitrophenol-d4	9.45	143	76864	5.36	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.98	165	160864	4.89	ng/ul	0.00
29) 4-Chloroaniline-d4	10.49	131	110891	3.27	ng/ul	0.00
43) Dimethylphthalate-d6	13.65	166	514349	5.26	ng/ul	0.00
46) Acenaphthylene-d8	13.92	160	610061	5.08	ng/ul	0.00
51) 4-Nitrophenol-d4	14.43	143	61399	3.97	ng/ul	0.00
57) Fluorene-d10	15.23	176	439471	5.35	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.35	200	33115	2.55	ng/ul	0.00
70) Anthracene-d10	17.08	188	648230	5.36	ng/ul	0.00
78) Pyrene-d10	19.39	212	624735	6.07	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.27	264	447976	4.93	ng/ul	-0.03

Target Compounds

					Qvalue
28) Naphthalene	10.40	128	398999	3.732 ng/ul	99
34) 2-Methylnaphthalene	12.03	142	1141531	14.584 ng/ul	98
40) 1,1'-Biphenyl	13.06	154	224705	2.237 ng/ul	100
47) Acenaphthylene	13.95	152	1700751	14.400 ng/ul	98
49) Acenaphthene	14.29	153	132908	1.648 ng/ul	96
53) Dibenzofuran	14.63	168	118353	1.019 ng/ul	90
58) Fluorene	15.28	166	660184	7.288 ng/ul	98
69) Phenanthrene	17.03	178	3299810	23.493 ng/ul	100
71) Anthracene	17.12	178	929385	6.495 ng/ul	99
76) Fluoranthene	19.06	202	1936143	12.427 ng/ul	98
79) Pyrene	19.43	202	8923091	68.927 ng/ul	97
82) Benzo(a)anthracene	21.19	228	1233272m	9.860 ng/ul	→ 55 05/02/19
84) Chrysene	21.25	228	897369	7.730 ng/ul	97
87) Benzo(b)fluoranthene	22.76	252	2145956m	18.356 ng/ul	→ 55 05/02/19
88) Benzo(k)fluoranthene	22.79	252	673319m	6.030 ng/ul	→ 55 05/02/19
90) Benzo(a)pyrene	23.31	252	1584723	14.421 ng/ul	99
91) Indeno(1,2,3-cd)pyrene	25.58	276	923103	7.598 ng/ul	95
92) Dibenzo(a,h)anthracene	25.59	278	315708	3.062 ng/ul	94
93) Benzo(g,h,i)perylene	26.24	276	647423	6.445 ng/ul	99

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