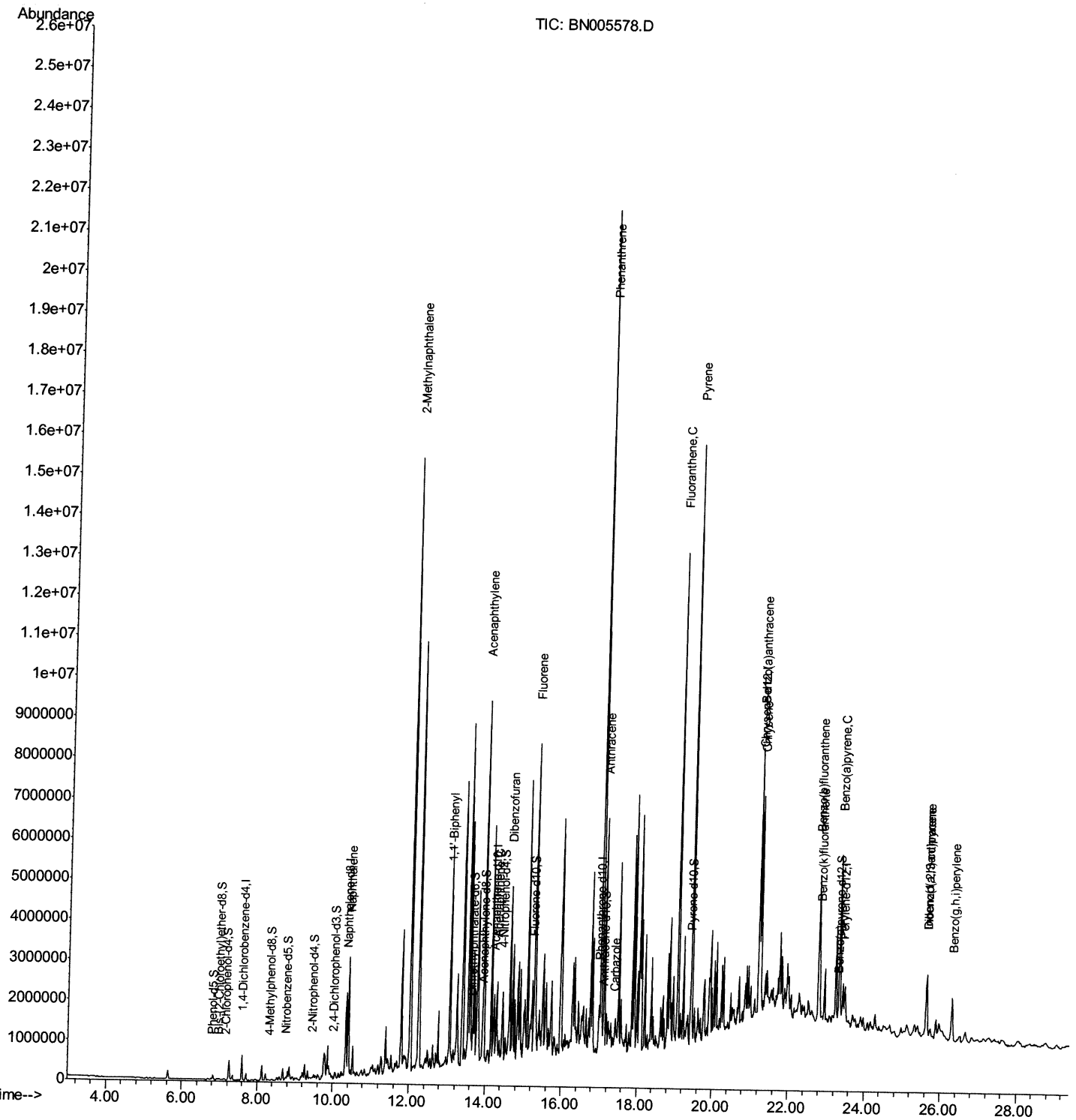
Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN050919\
Data File : BN005578.D
Acq On : 09 May 2019 22:18
Operator : JU/SJ
Sample : K2604-04 20X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Quant Time: May 10 02:38:19 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue May 07 05:36:07 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
GAJ78

Manual Integrations APPROVED
Sohil
5/10/2019 1:19:41 PM



Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN050919\
Data File : BN005578.D
Acq On : 09 May 2019 22:18
Operator : JU/SJ
Sample : K2604-04 20X
Misc :
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Quant Time: May 10 01:21:34 2019
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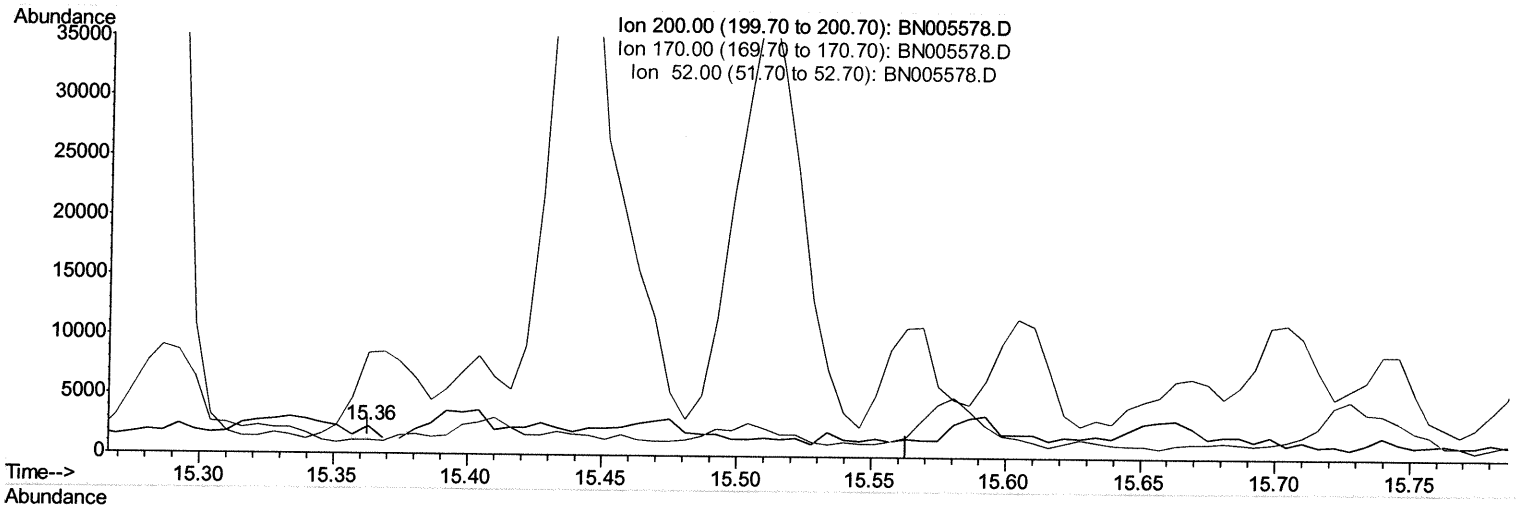
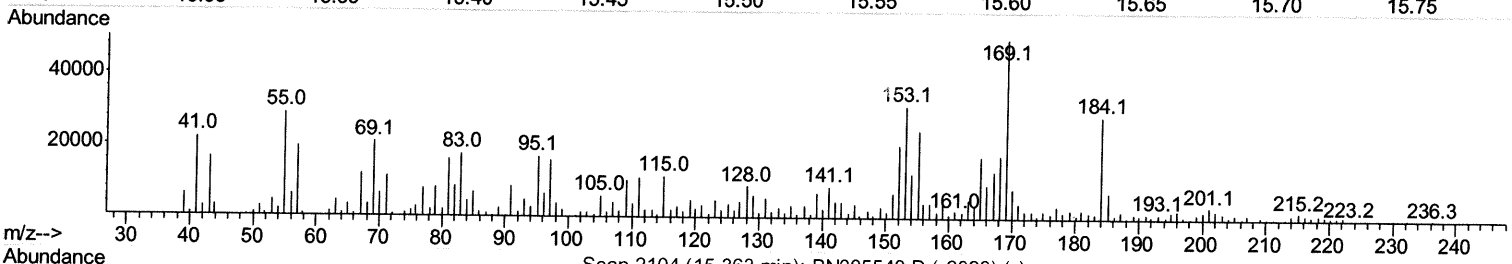
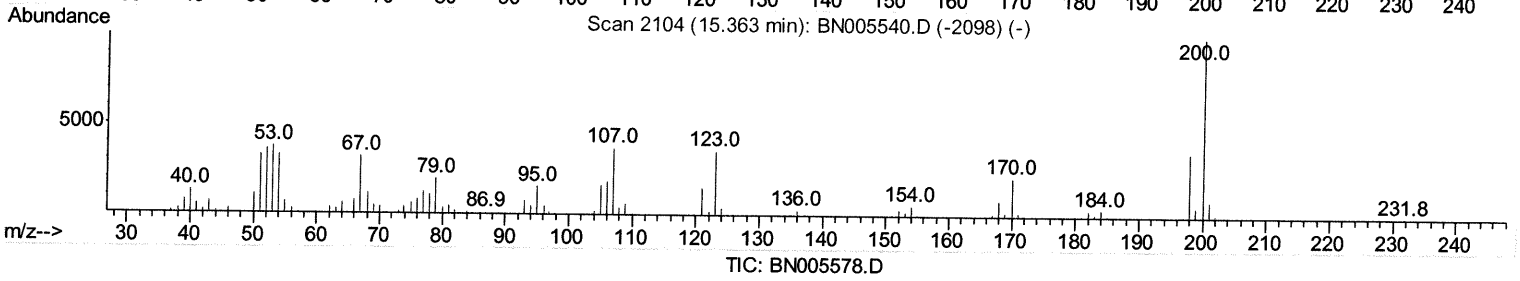
Manual Integrations APPROVED
Sohil
5/10/2019 1:19:41 PM





Scan 2104 (15.363 min): BN005540.D (-2098) (-)



TIC: BN005578.D

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

15.363min (-0.000) 0.11ng/ul

response 393

Ion	Exp%	Act%
200.00	100	100
170.00	22.60	371.91#
52.00	49.60	47.87
0.00	0.00	0.00

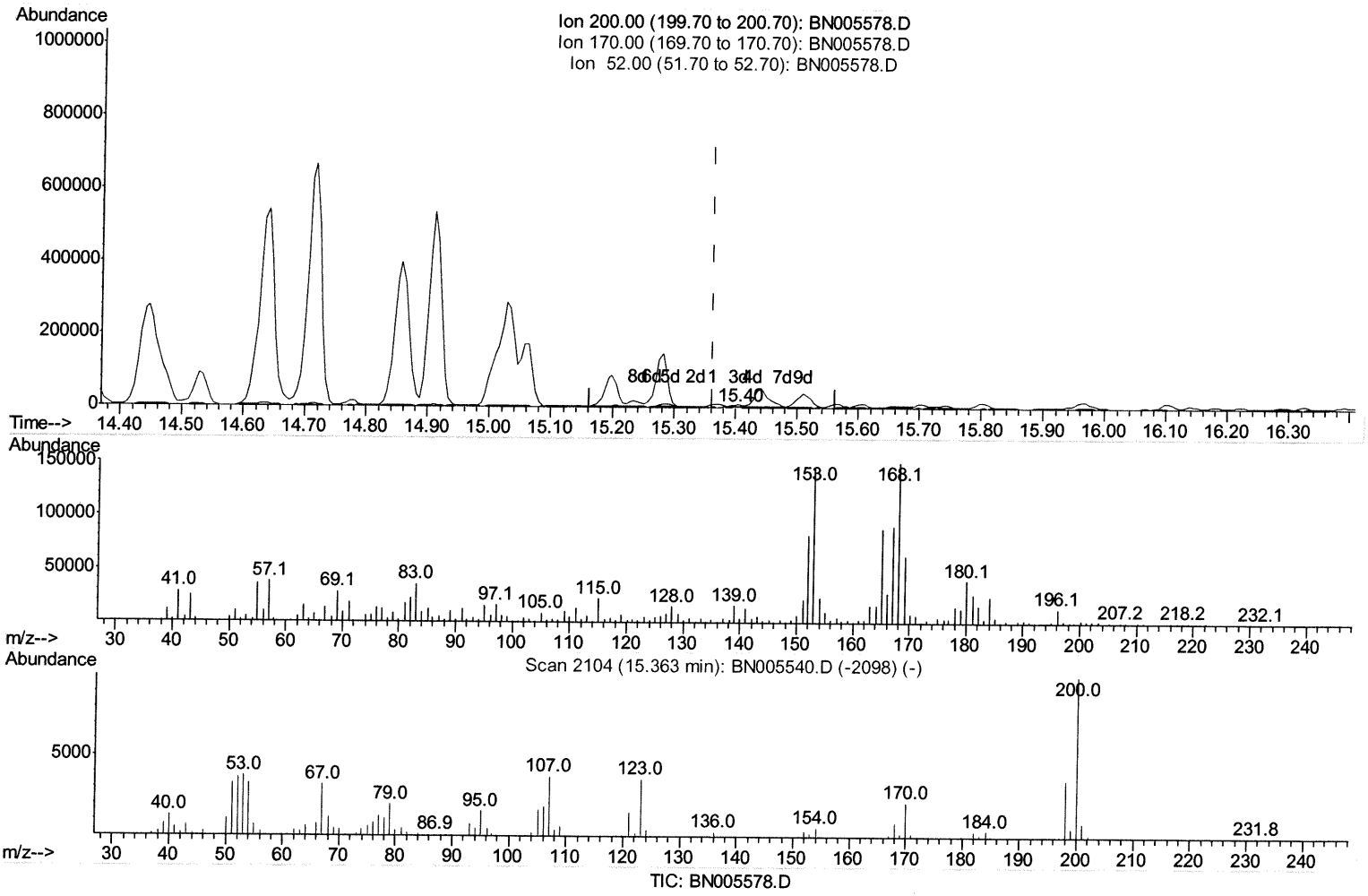
Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN050919\
Data File : BN005578.D
Acq On : 09 May 2019 22:18
Operator : JU/SJ
Sample : K2604-04 20X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Quant Time: May 10 01:21:34 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue May 07 05:36:07 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
GAJ78

Manual Integrations APPROVED
Sohil
5/10/2019 1:19:41 PM



TIC: BN005578.D

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

15.404min (+0.041) 1.00ng/ul m SJ 05/12/19

response 3569

Ion	Exp%	Act%
200.00	100	100
170.00	22.60	222.69#
52.00	49.60	73.48#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN050919\
Data File : BN005578.D
Acq On : 09 May 2019 22:18
Operator : JU/SJ
Sample : K2604-04 20X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Quant Time: May 10 01:21:34 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue May 07 05:36:07 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
GAJ78

Manual Integrations APPROVED
Sohil
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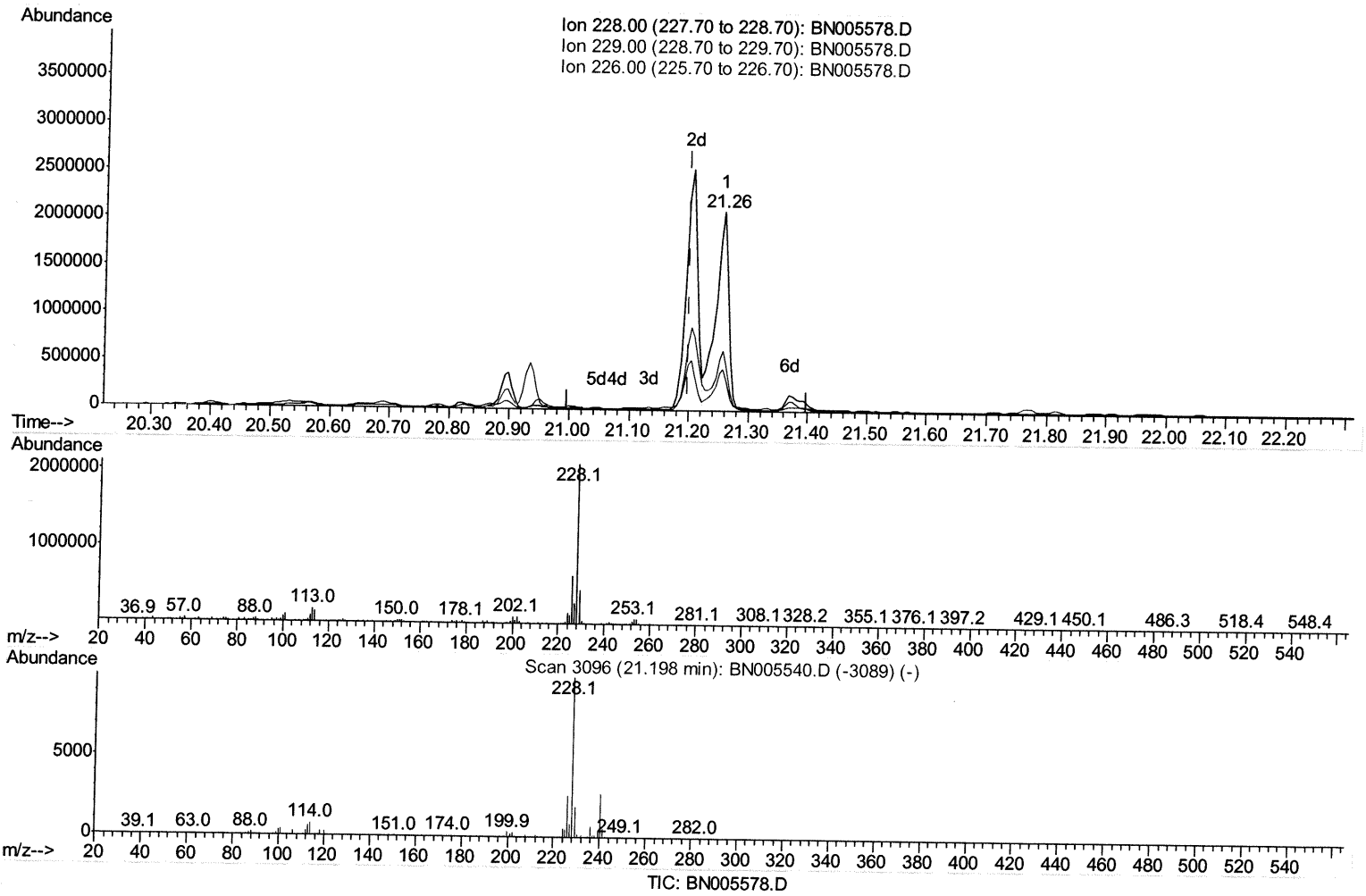

TIC: BN005578.D

(82) Benzo(a)anthracene

21.257min (+0.059) 92.12ng/ul

response 3132616

Ion	Exp%	Act%
228.00	100	100
229.00	19.70	20.97
226.00	26.80	30.20
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN050919\
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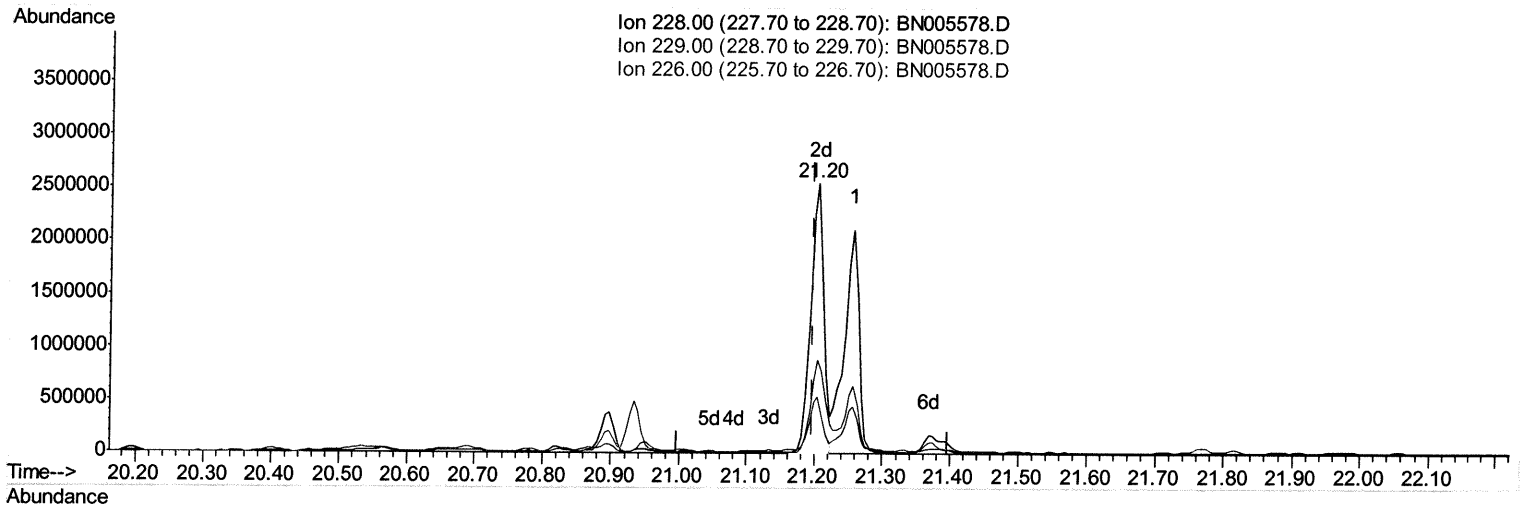
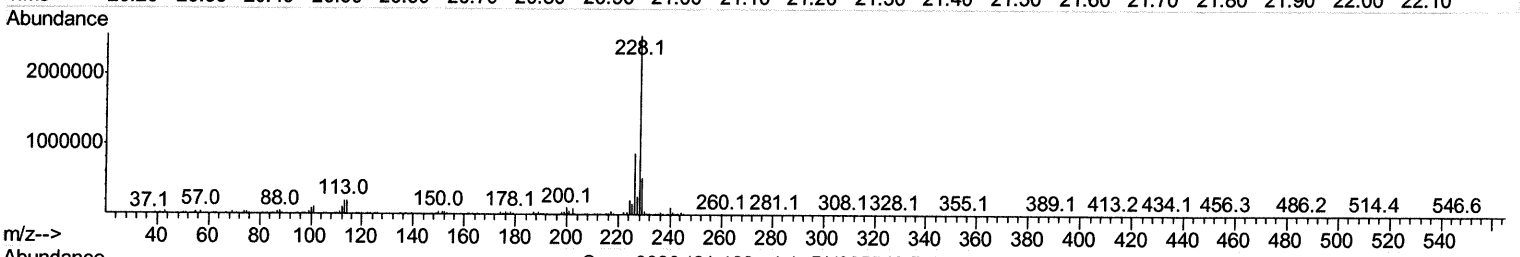
Acq On : 09 May 2019 22:18
Operator : JU/SJ
Sample : K2604-04 20X
Misc :
ALS Vial : 21 Sample Multiplier: 1

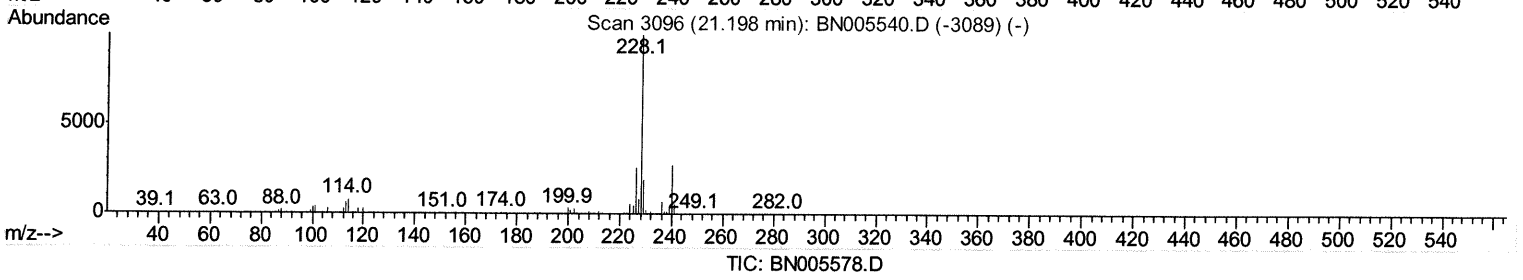
Quant Time: May 10 01:21:34 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue May 07 05:36:07 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
GAJ78

Manual Integrations APPROVED
Sohil
5/10/2019 1:19:41 PM







TIC: BN005578.D

(82) Benzo(a)anthracene

21.204min (+0.006) 100.50ng/ul m SJ 05/12/19

response 3417459

Ion	Exp%	Act%
228.00	100	100
229.00	19.70	20.79
226.00	26.80	34.41#
0.00	0.00	0.00

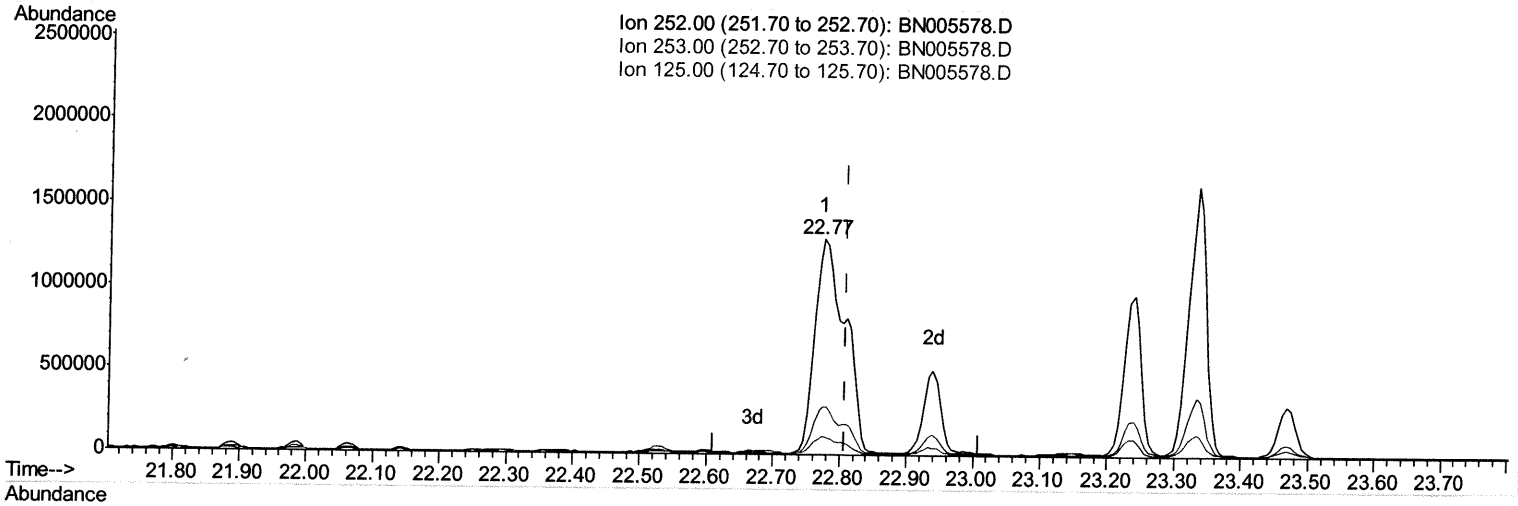
Quantitation Report (Qedit)

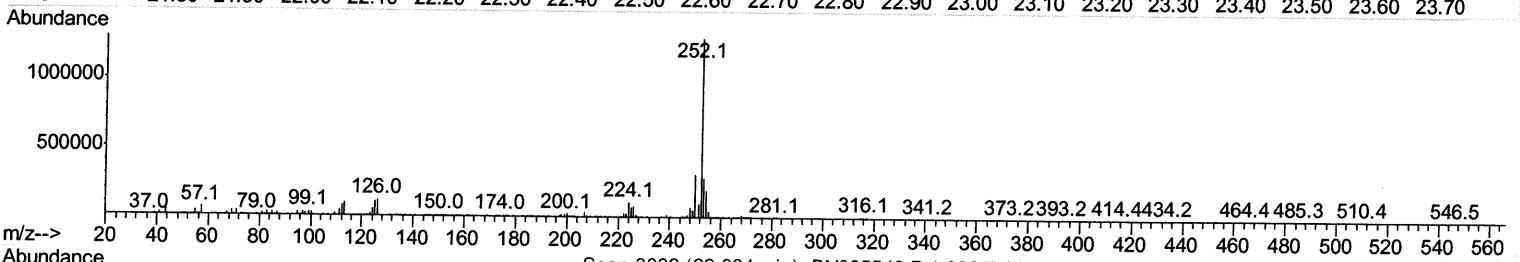
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN050919\
Data File : BN005578.D
Acq On : 09 May 2019 22:18
Operator : JU/SJ
Sample : K2604-04 20X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Quant Time: May 10 01:21:34 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue May 07 05:36:07 2019
Response via : Initial Calibration

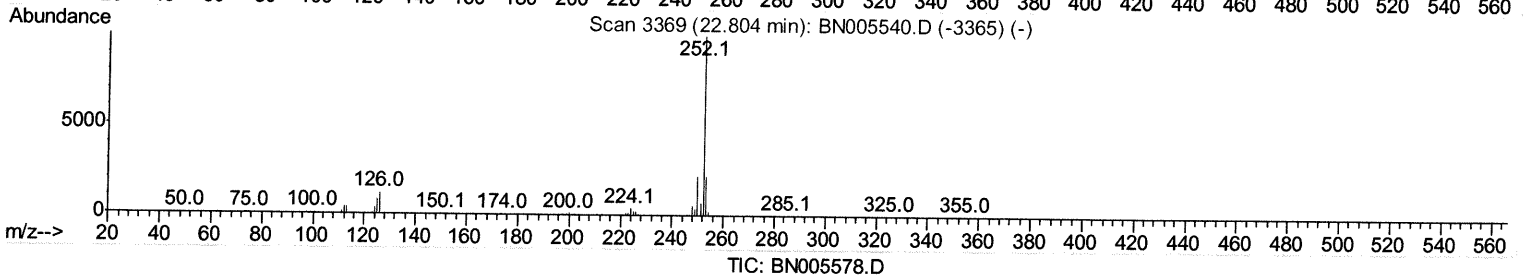
Instrument :
BNA_N
ClientSampleId :
GAJ78

Manual Integrations APPROVED
Sohil
5/10/2019 1:19:41 PM





Scan 3369 (22.804 min): BN005540.D (-3365) (-)



TIC: BN005578.D

(88) Benzo(k)fluoranthene

22.774min (-0.035) 93.15ng/ul

response 3179508

Ion	Exp%	Act%
252.00	100	100
253.00	21.70	22.25
125.00	9.40	8.37
0.00	0.00	0.00

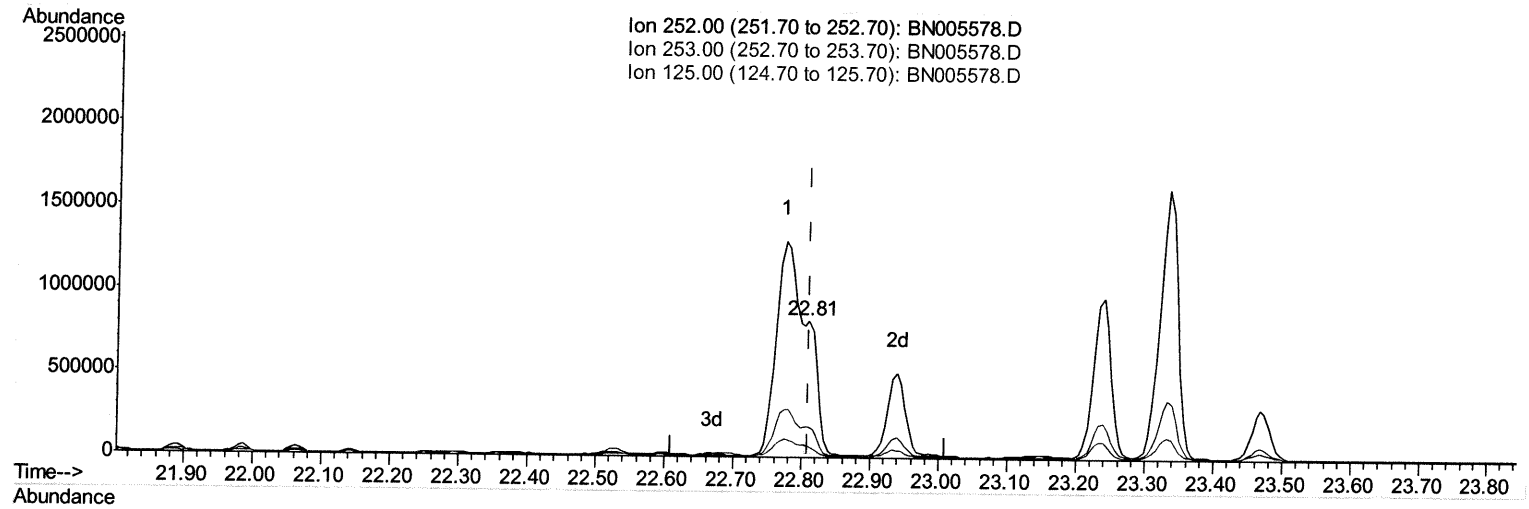
Quantitation Report (Qedit)

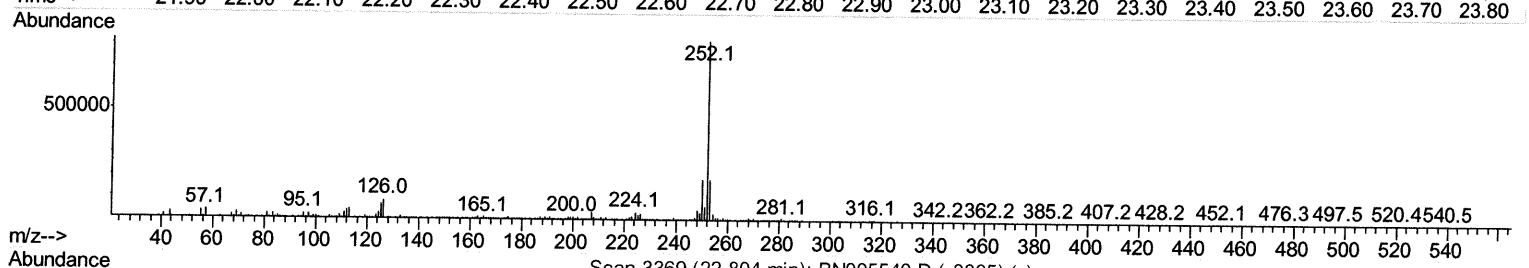
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN050919\
Data File : BN005578.D
Acq On : 09 May 2019 22:18
Operator : JU/SJ
Sample : K2604-04 20X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Quant Time: May 10 01:21:34 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue May 07 05:36:07 2019
Response via : Initial Calibration

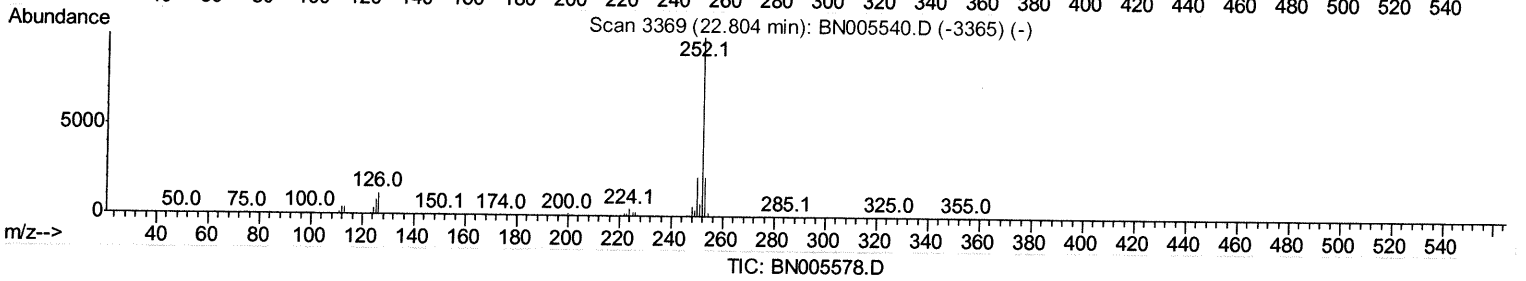
Instrument :
BNA_N
ClientSampleId :
GAJ78

Manual Integrations APPROVED
Sohil
5/10/2019 1:19:41 PM





Scan 3369 (22.804 min): BN005540.D (-3365) (-)



TIC: BN005578.D

(88) Benzo(k)fluoranthene

22.810min (-0.000) 24.92ng/ul m SJ 05/12/19

response 850549

Ion	Exp%	Act%
252.00	100	100
253.00	21.70	22.96
125.00	9.40	8.06
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN050919\
Data File : BN005578.D
Acq On : 09 May 2019 22:18
Operator : JU/SJ
Sample : K2604-04 20X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Quant Time: May 10 01:21:34 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
Quant Title : SVOA CALIBRATION
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Instrument :
BNA_N
ClientSampleId :
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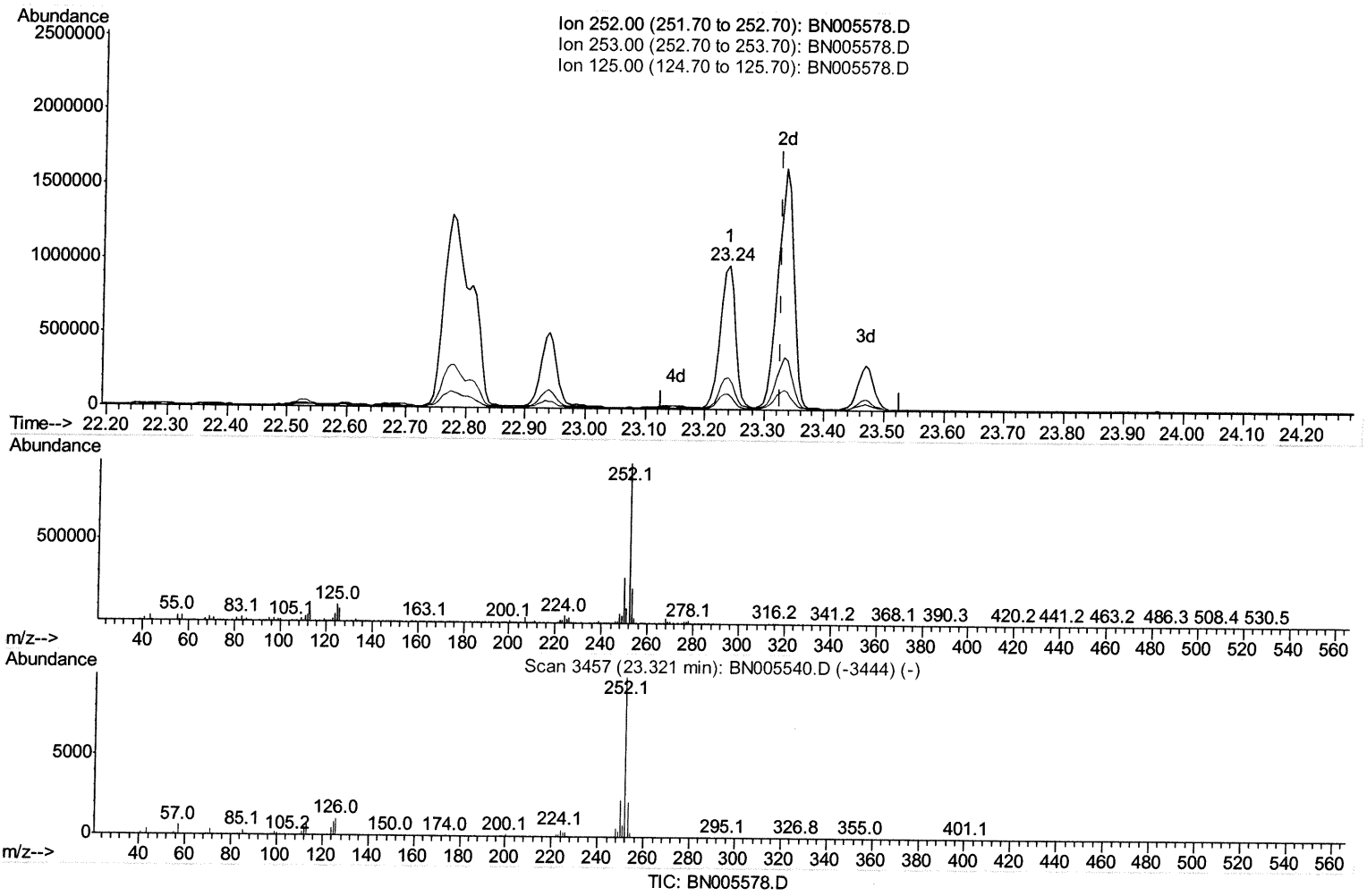
Manual Integrations APPROVED
Sohil
5/10/2019 1:19:41 PM



Scan 3457 (23.321 min): BN005540.D (-3444) (-)

TIC: BN005578.D

(90) Benzo(a)pyrene (C)

23.239min (-0.088) 50.57ng/ul

response 1698644

Ion	Exp%	Act%
252.00	100	100
253.00	21.60	22.08
125.00	10.80	10.94
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN050919\
Data File : BN005578.D
Acq On : 09 May 2019 22:18
Operator : JU/SJ
Sample : K2604-04 20X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Quant Time: May 10 01:21:34 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue May 07 05:36:07 2019
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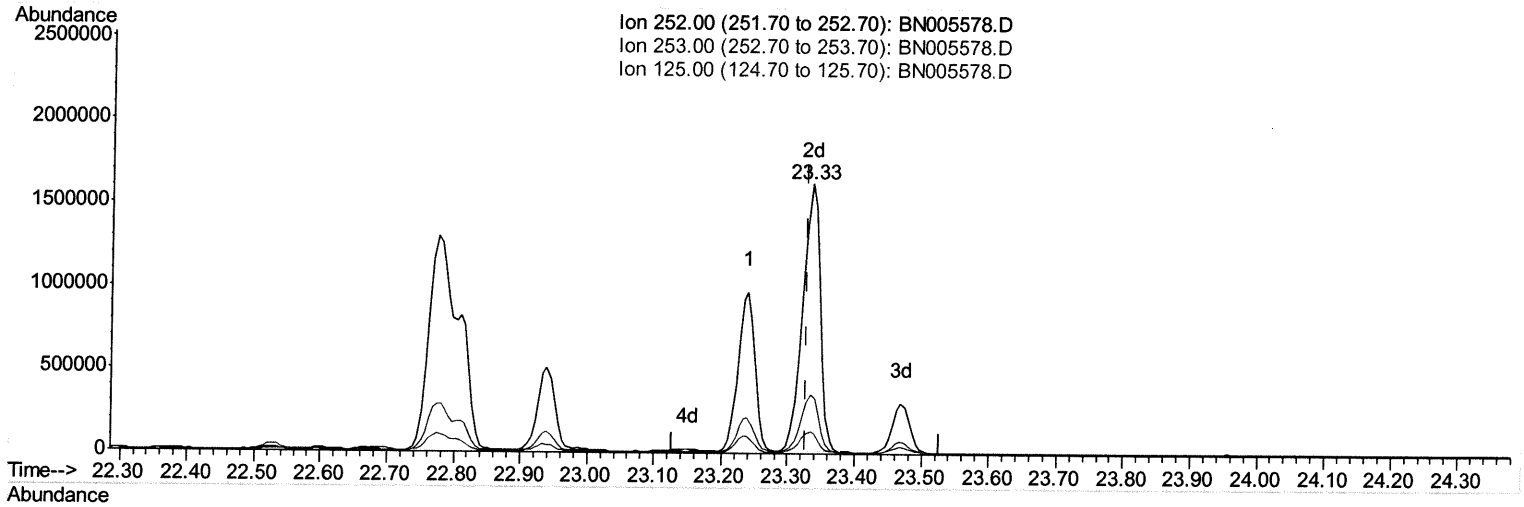
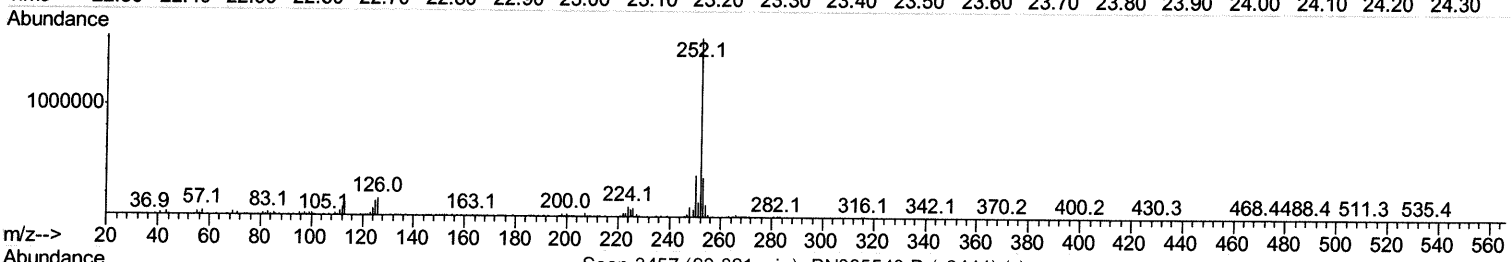
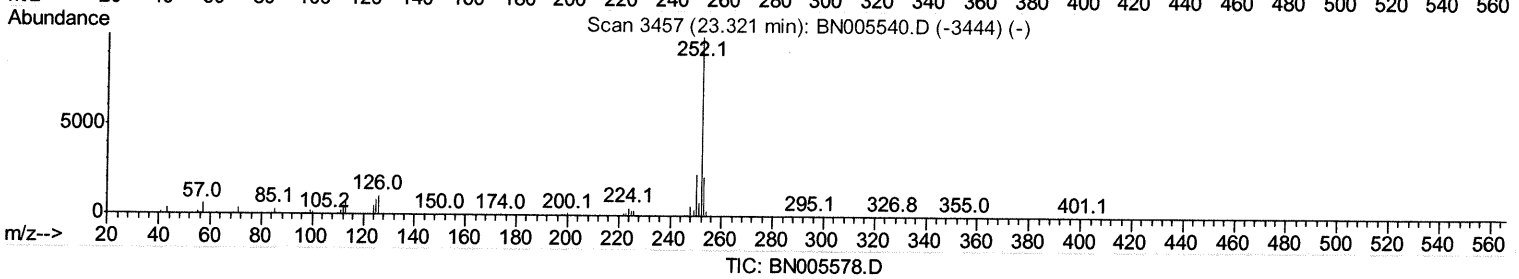
Instrument :
BNA_N
ClientSampleId :
GAJ78

Manual Integrations APPROVED
Sohil
5/10/2019 1:19:41 PM





Scan 3457 (23.321 min): BN005540.D (-3444) (-)



TIC: BN005578.D

(90) Benzo(a)pyrene (C)

23.333min (+0.006) 87.02ng/ul m SJ 05/12/19

response 2923292

Ion	Exp%	Act%
252.00	100	100
253.00	21.60	21.91
125.00	10.80	8.00#
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

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Data File : BN005578.D
Acq On : 09 May 2019 22:18
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Manual Integrations APPROVED
Sohil
5/10/2019 1:19:41 PM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.59	152	172041	20.00	ng/ul	0.00
18) Naphthalene-d8	10.35	136	720828	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.23	164	413542	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.99	188	794117	20.00	ng/ul	0.00
77) Chrysene-d12	21.22	240	546612	20.00	ng/ul	0.00
85) Perylene-d12	23.42	264	635778	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.22	96	852	0.24	ng/uL	0.00
5) Phenol-d5	6.78	99	20976	1.55	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.94	67	14001	1.66	ng/ul	0.00
9) 2-Chlorophenol-d4	7.13	132	18429	1.78	ng/ul	0.00
13) 4-Methylphenol-d8	8.30	113	17448	1.65	ng/ul	0.01
19) Nitrobenzene-d5	8.74	128	11211	2.53	ng/ul	0.00
22) 2-Nitrophenol-d4	9.45	143	9070	2.02	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.99	165	20067	1.95	ng/ul	0.02
29) 4-Chloroaniline-d4	0.00	131	0d	0.00	ng/ul	
43) Dimethylphthalate-d6	13.65	166	63140	2.10	ng/ul	0.00
46) Acenaphthylene-d8	13.92	160	78166	2.12	ng/ul	0.01
51) 4-Nitrophenol-d4	14.45	143	13849	2.92	ng/ul	0.00
57) Fluorene-d10	15.23	176	59339	2.36	ng/ul	0.01
62) 4,6-Dinitro-2-methylphenol	15.40	200	3569m	1.00	ng/ul	0.04
70) Anthracene-d10	17.09	188	75091	2.26	ng/ul	0.00
78) Pyrene-d10	19.40	212	70080	2.51	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.29	264	62438	2.25	ng/ul	0.00
Target Compounds						Qvalue
28) Naphthalene	10.40	128	2319798	69.227	ng/ul	100
34) 2-Methylnaphthalene	12.03	142	7779296	317.050	ng/ul	99
40) 1,1'-Biphenyl	13.05	154	153252	4.974	ng/ul	98
47) Acenaphthylene	13.95	152	5254982	145.027	ng/ul#	96
49) Acenaphthene	14.29	153	737947	29.832	ng/ul	99
53) Dibenzofuran	14.63	168	1442554	40.504	ng/ul	99
58) Fluorene	15.29	166	3843266	138.290	ng/ul	98
69) Phenanthrene	17.05	178	14800264	382.685	ng/ul	95
71) Anthracene	17.12	178	3661703	92.942	ng/ul	99
74) Carbazole	17.39	167	49088	1.450	ng/ul#	62
76) Fluoranthene	19.07	202	7173847	167.232	ng/ul	96
79) Pyrene	19.44	202	9397991	267.029	ng/ul	95
82) Benzo(a)anthracene	21.20	228	3417459m	100.499	ng/ul	98
84) Chrysene	21.26	228	3144557	99.638	ng/ul	98
87) Benzo(b)fluoranthene	22.77	252	3179508	88.965	ng/ul#	98
88) Benzo(k)fluoranthene	22.81	252	850549m	24.919	ng/ul	98
90) Benzo(a)pyrene	23.33	252	2923292m	87.022	ng/ul	98
91) Indeno(1,2,3-cd)pyrene	25.63	276	1486262	40.017	ng/ul#	92
92) Dibenzo(a,h)anthracene	25.62	278	498832	15.826	ng/ul	96
93) Benzo(g,h,i)perylene	26.29	276	1369859	44.606	ng/ul#	94

SJ 05/12/19

SJ 05/12/19

SJ 05/12/19

SJ 05/12/19

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