

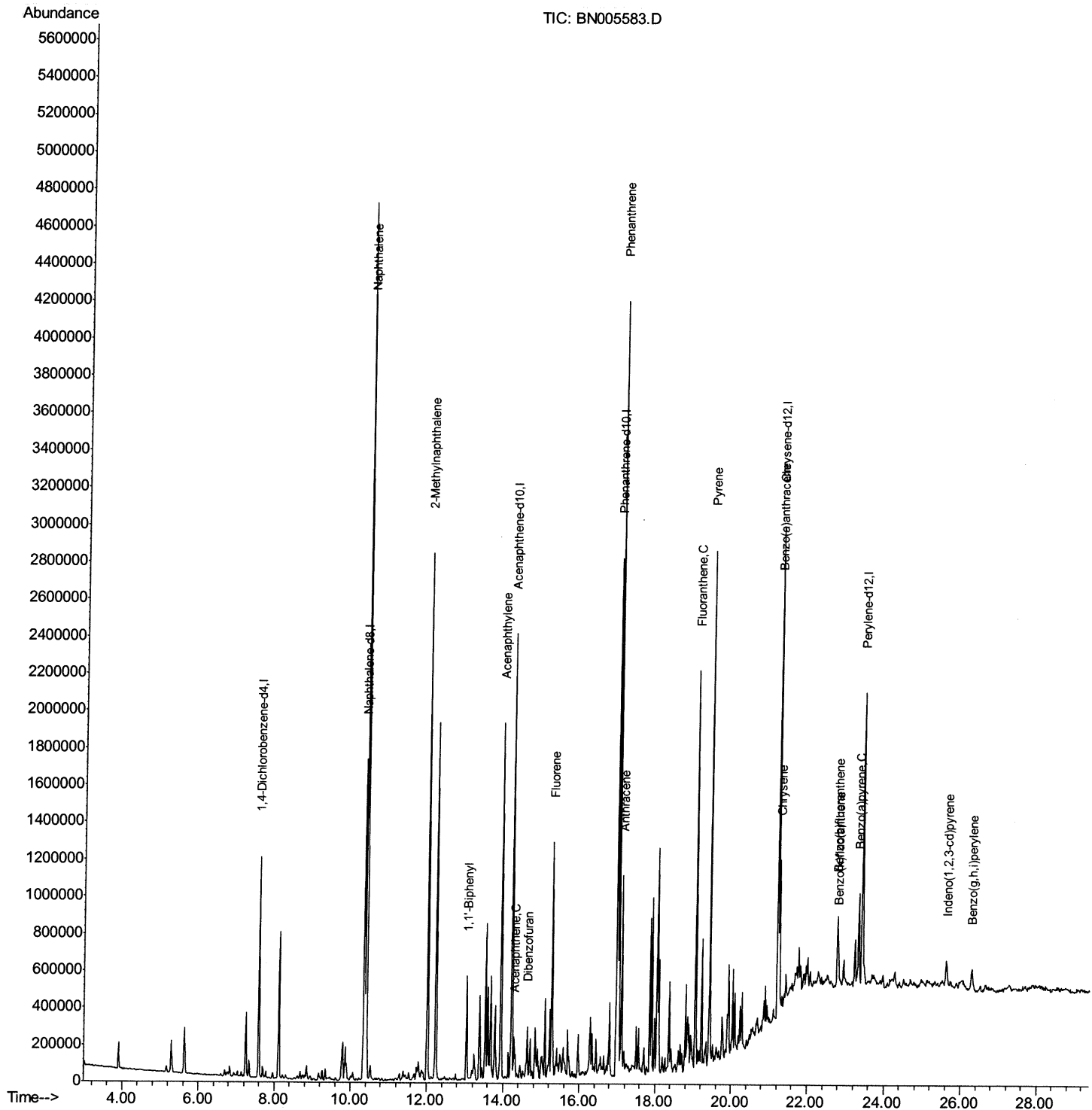
Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN050919\
Data File : BN005583.D
Acq On : 10 May 2019 01:10
Operator : JU/SJ
Sample : K2603-15DL 30X
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
GAJ67DL

Manual Integrations
APPROVED

Sohil
5/10/2019 1:19:47 PM

Quant Time: May 10 04:12:22 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



Quantitation Report (Qedit)

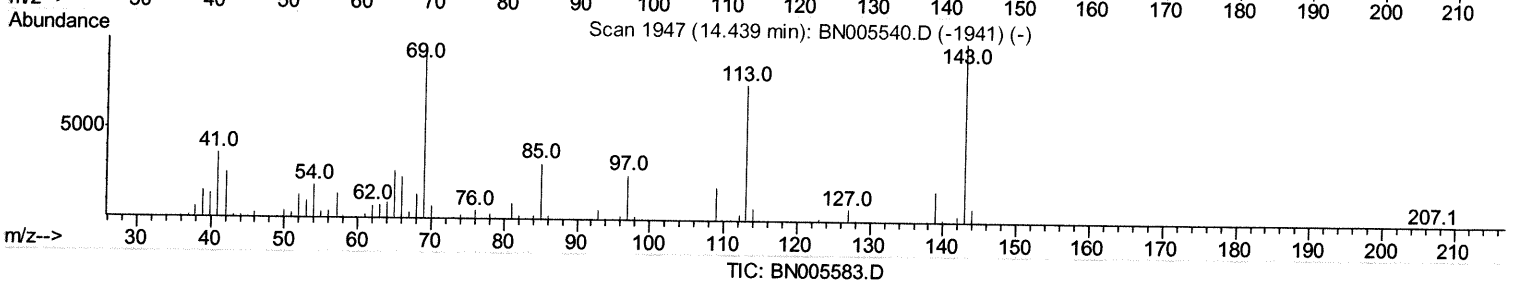
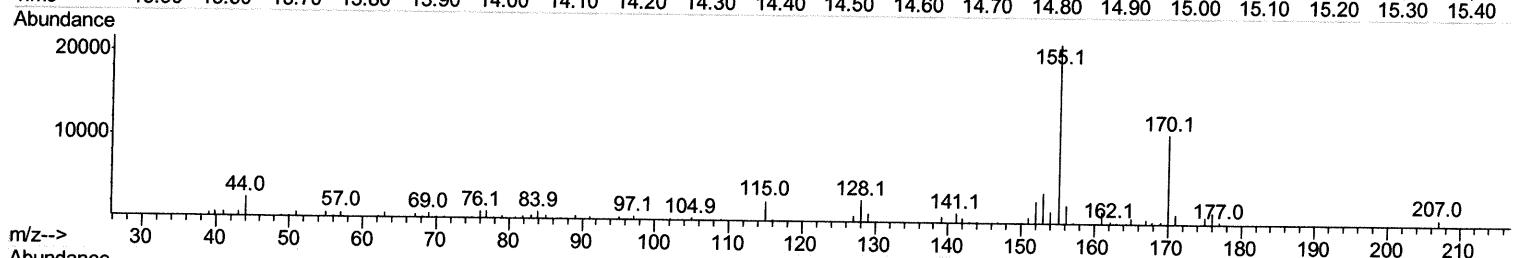
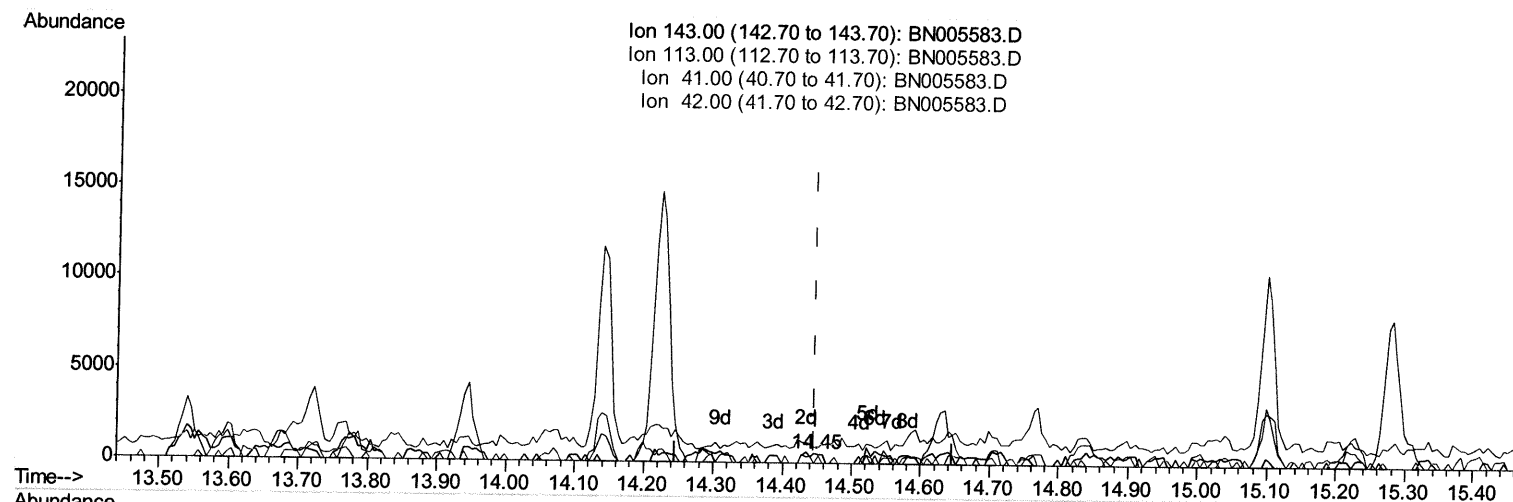
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN050919\
 Data File : BN005583.D
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 GAJ67DL

Manual Integrations
 APPROVED

Sohil
 5/10/2019 1:19:47 PM

Quant Time: May 10 04:06:38 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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(51) 4-Nitrophenol-d4 (S)

14.445min (+0.000) 0.05ng/ul

response 501

Ion	Exp%	Act%
143.00	100	100
113.00	82.50	0.00#
41.00	47.90	177.45#
42.00	31.70	0.00#

Quantitation Report (Qedit)

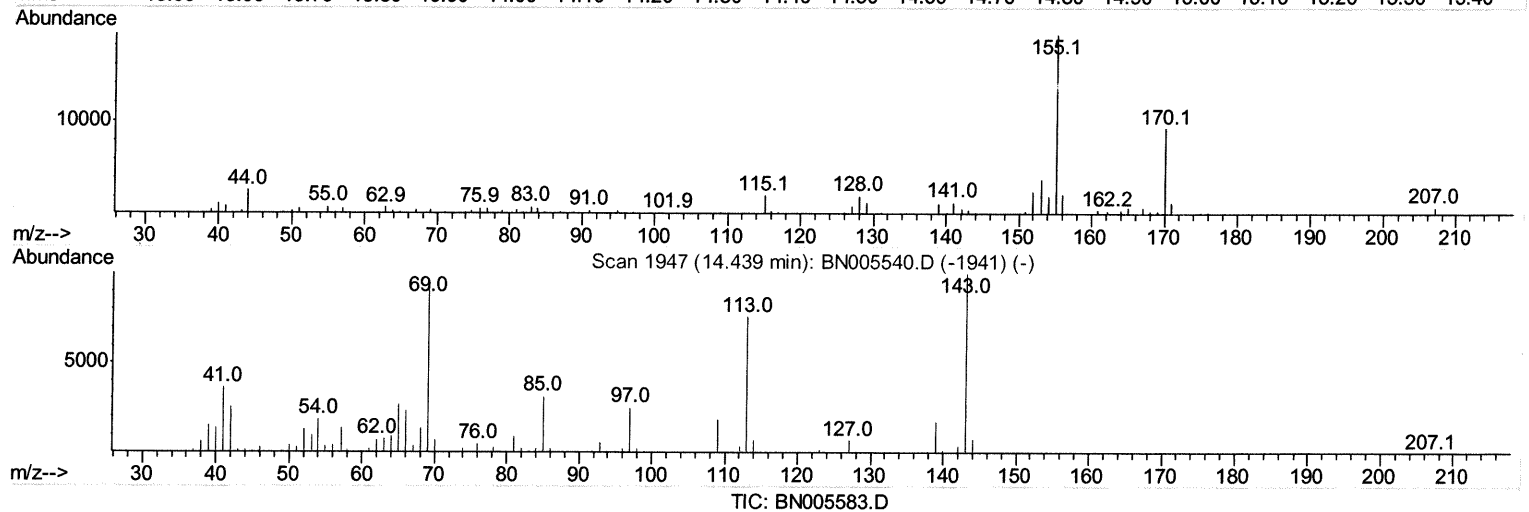
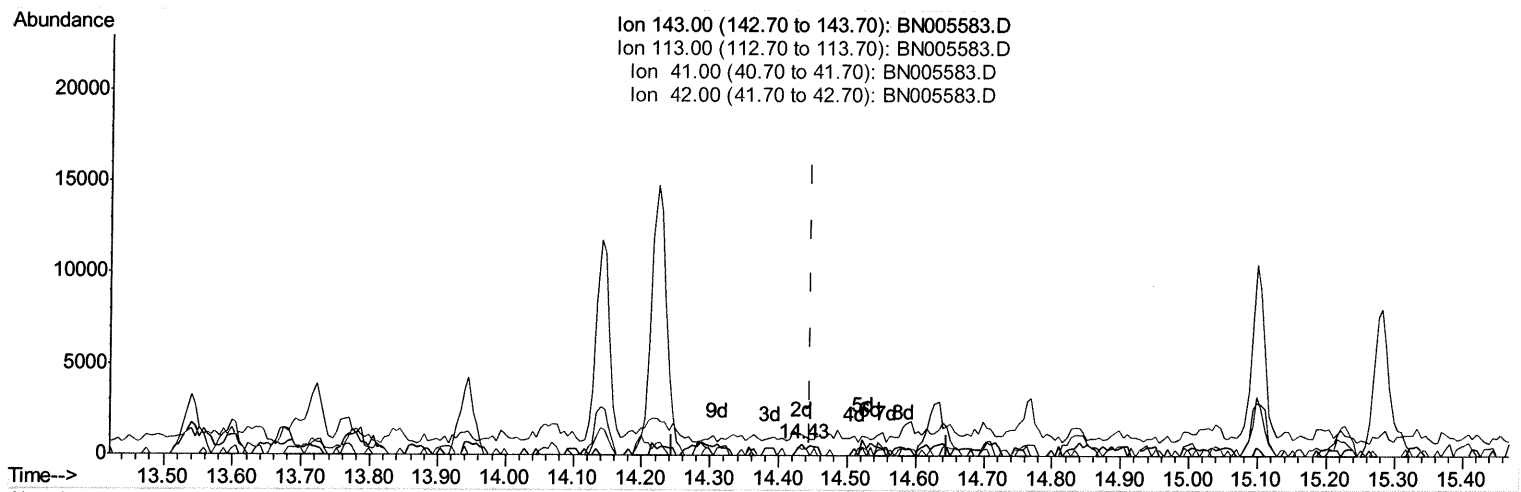
Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN050919\
Data File : BN005583.D
Acq On : 10 May 2019 01:10
Operator : JU/SJ
Sample : K2603-15DL 30X
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
GAJ67DL

Manual Integrations
APPROVED

Sohil
5/10/2019 1:19:47 PM

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QLast Update : Tue May 07 05:36:07 2019
Response via : Initial Calibration



(51) 4-Nitrophenol-d4 (S)

14.434min (-0.012) 0.10ng/ul m *SJ 05/12/19*

response 979

Ion	Exp%	Act%
143.00	100	100
113.00	82.50	51.02#
41.00	47.90	176.45#
42.00	31.70	0.00#

Quantitation Report (Qedit)

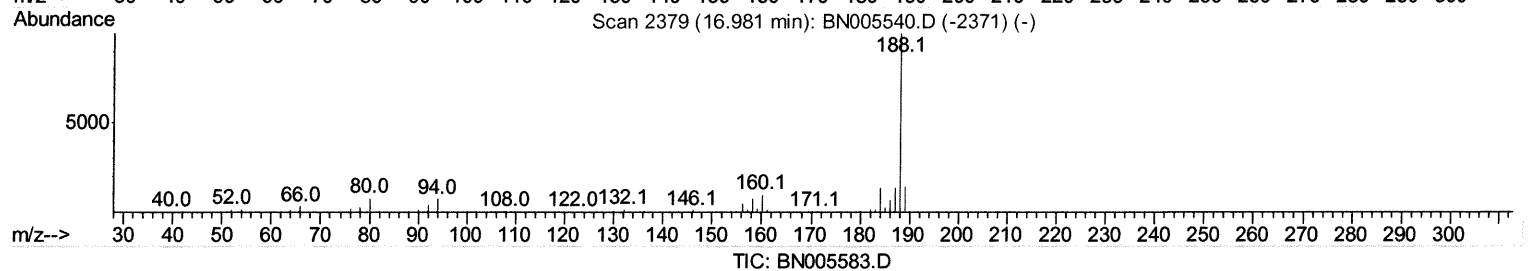
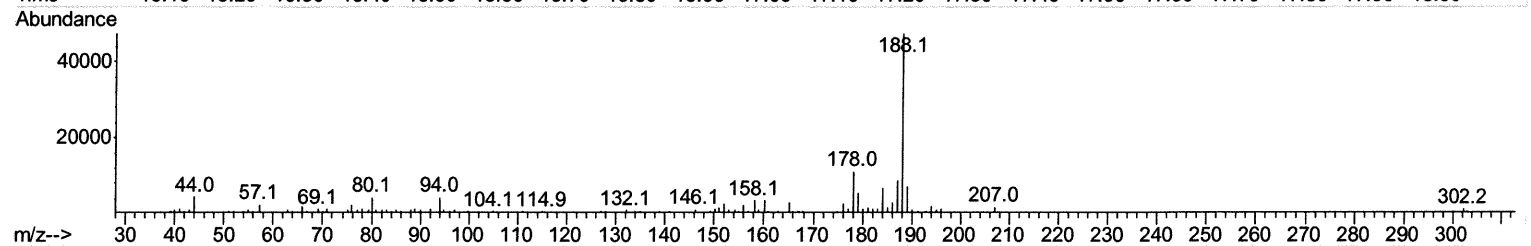
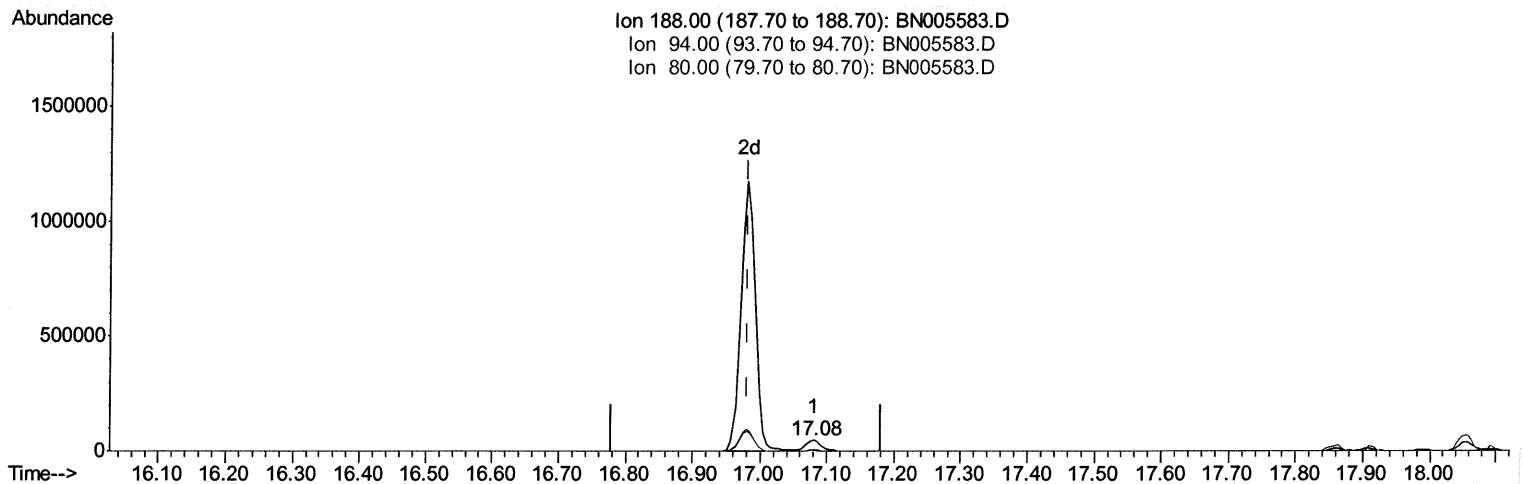
Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN050919\
Data File : BN005583.D
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Manual Integrations
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TIC: BN005583.D

(61) Phenanthrene-d10 (I)

17.081min (+0.100) 20.00ng/ul

response 66288

Ion	Exp%	Act%
188.00	100	100
94.00	9.20	8.87
80.00	10.30	9.01
0.00	0.00	0.00

Quantitation Report (Qedit)

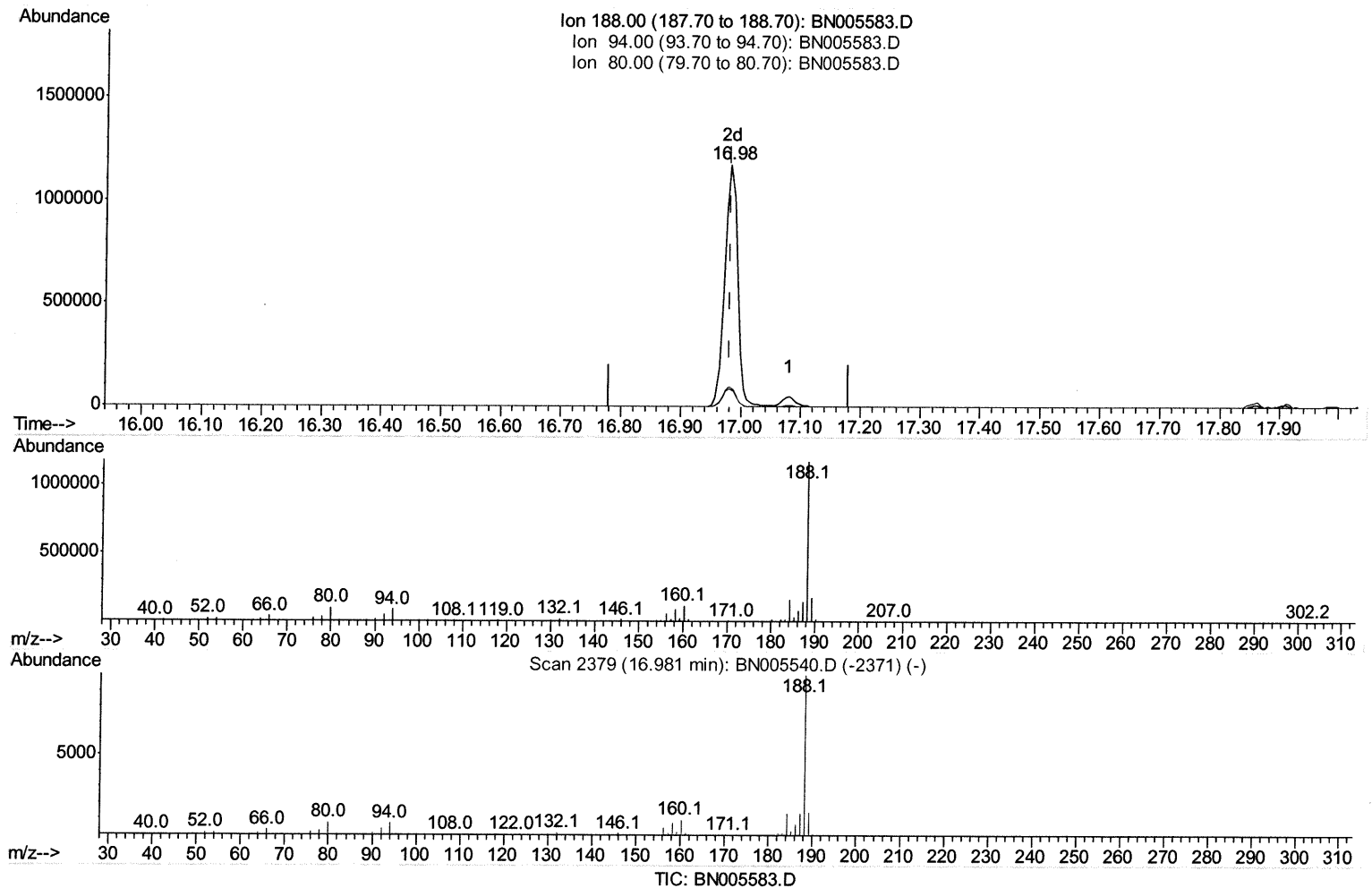
Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN050919\
 Data File : BN005583.D
 Acq On : 10 May 2019 01:10
 Operator : JU/SJ
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 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 GAJ67DL

Manual Integrations
 APPROVED

Sohil
 5/10/2019 1:19:47 PM

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 QLast Update : Tue May 07 05:36:07 2019
 Response via : Initial Calibration



(61) Phenanthrene-d10 (I)

16.981min (+0.000) 20.00ng/ul m *SJ 05/12/19*

response 1731945

Ion	Exp%	Act%
188.00	100	100
94.00	9.20	7.31#
80.00	10.30	8.26
0.00	0.00	0.00

Quantitation Report (Qedit)

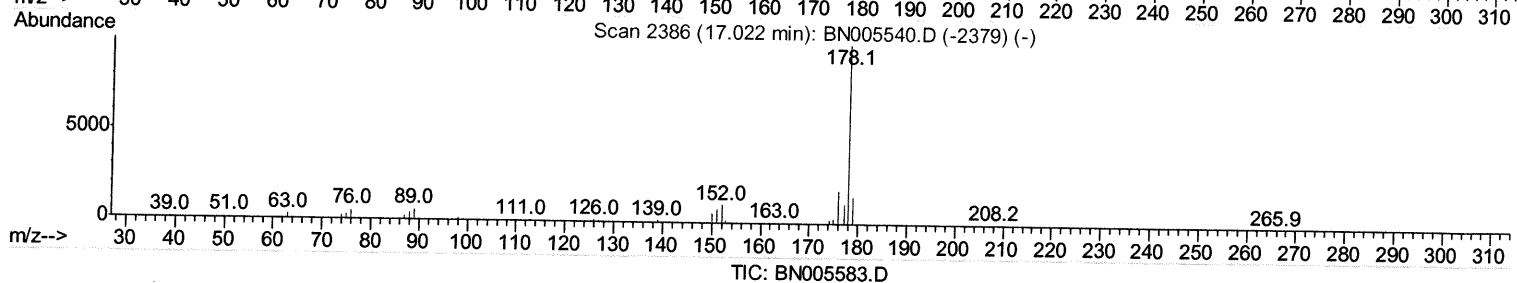
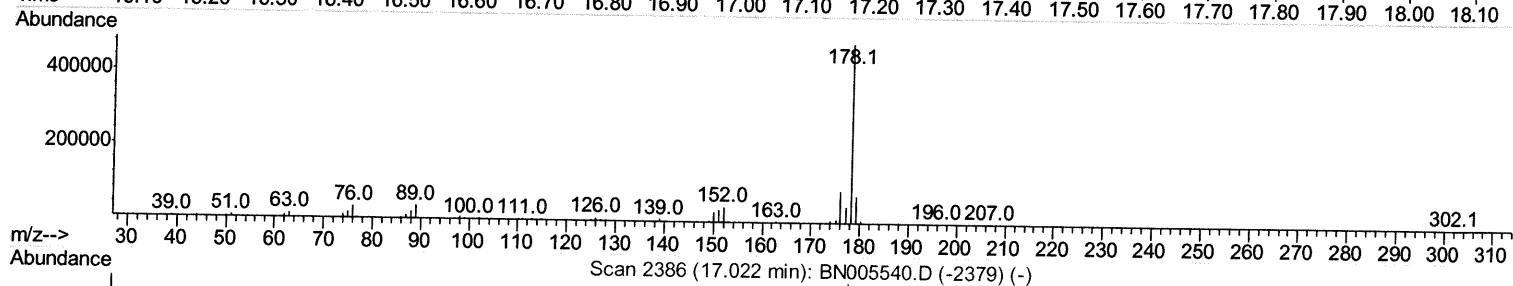
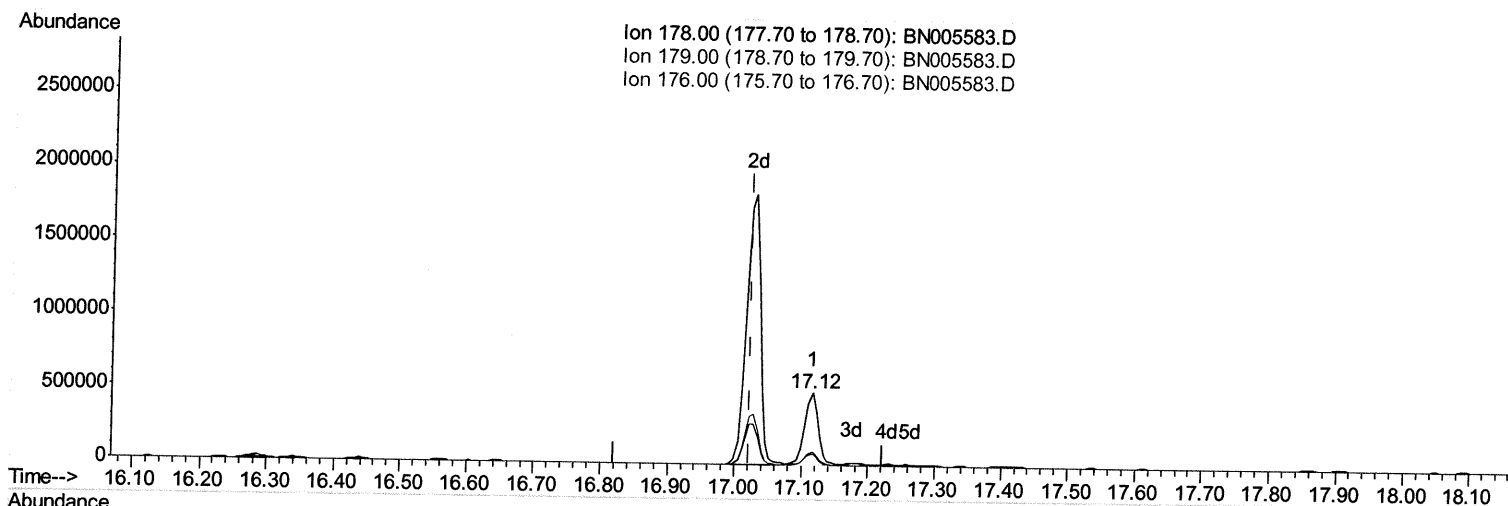
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN050919\
Data File : BN005583.D
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Operator : JU/SJ
Sample : K2603-15DL 30X
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
GAJ67DL

Manual Integrations
APPROVED

Sohil
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(69) Phenanthrene

17.116min (+0.094) 8.16ng/ul

response 688624

Ion	Exp%	Act%
178.00	100	100
179.00	15.30	15.20
176.00	18.90	18.10
0.00	0.00	0.00

Quantitation Report (Qedit)

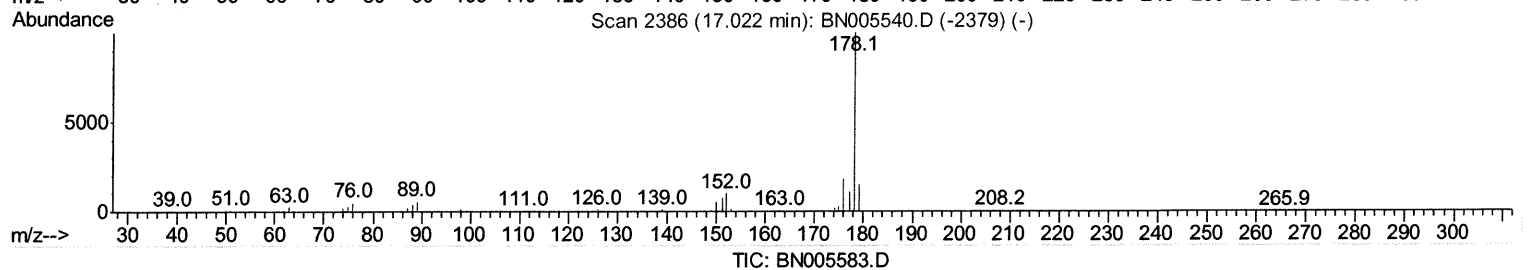
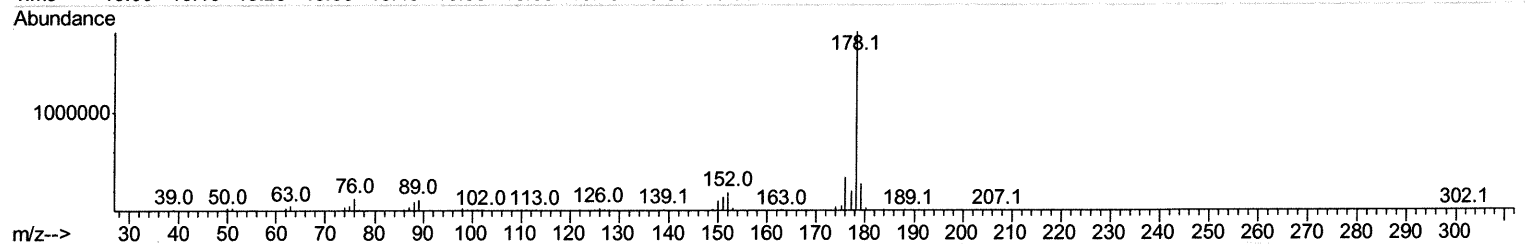
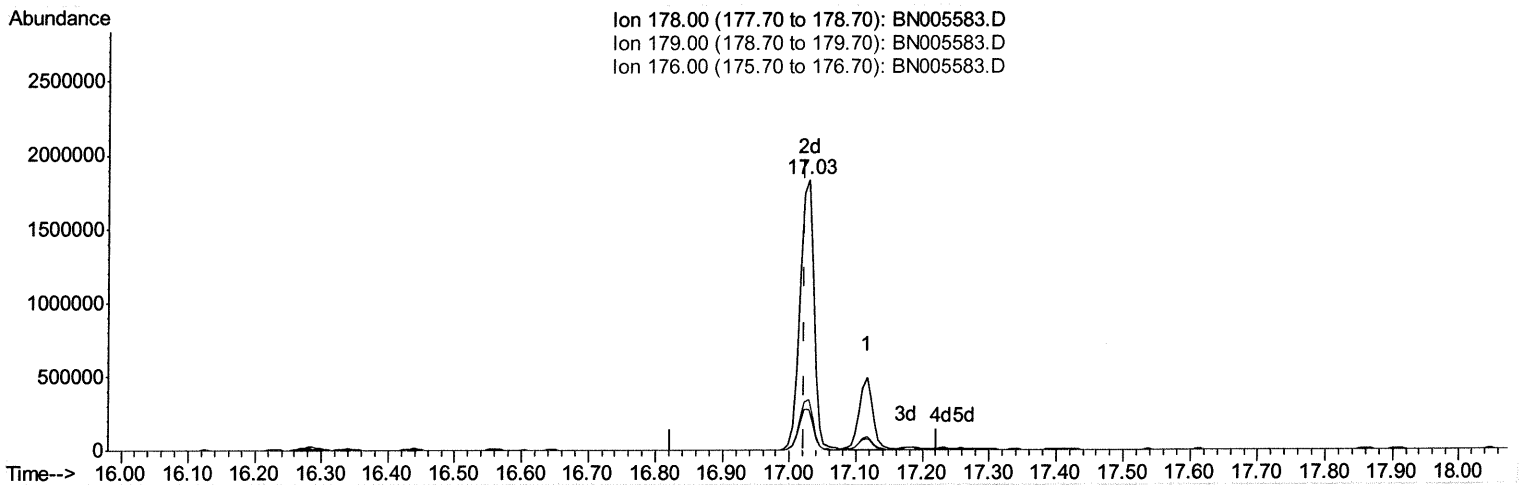
Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN050919\
 Data File : BN005583.D
 Acq On : 10 May 2019 01:10
 Operator : JU/SJ
 Sample : K2603-15DL 30X
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 GAJ67DL

Manual Integrations
 APPROVED

Sohil
 5/10/2019 1:19:47 PM

Quant Time: May 10 04:09:55 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



(69) Phenanthrene

17.028min (+0.006) 31.22ng/ul m *SJ 05/12/19*

response 2633110

Ion	Exp%	Act%
178.00	100	100
179.00	15.30	15.14
176.00	18.90	18.79
0.00	0.00	0.00

Quantitation Report (Qedit)

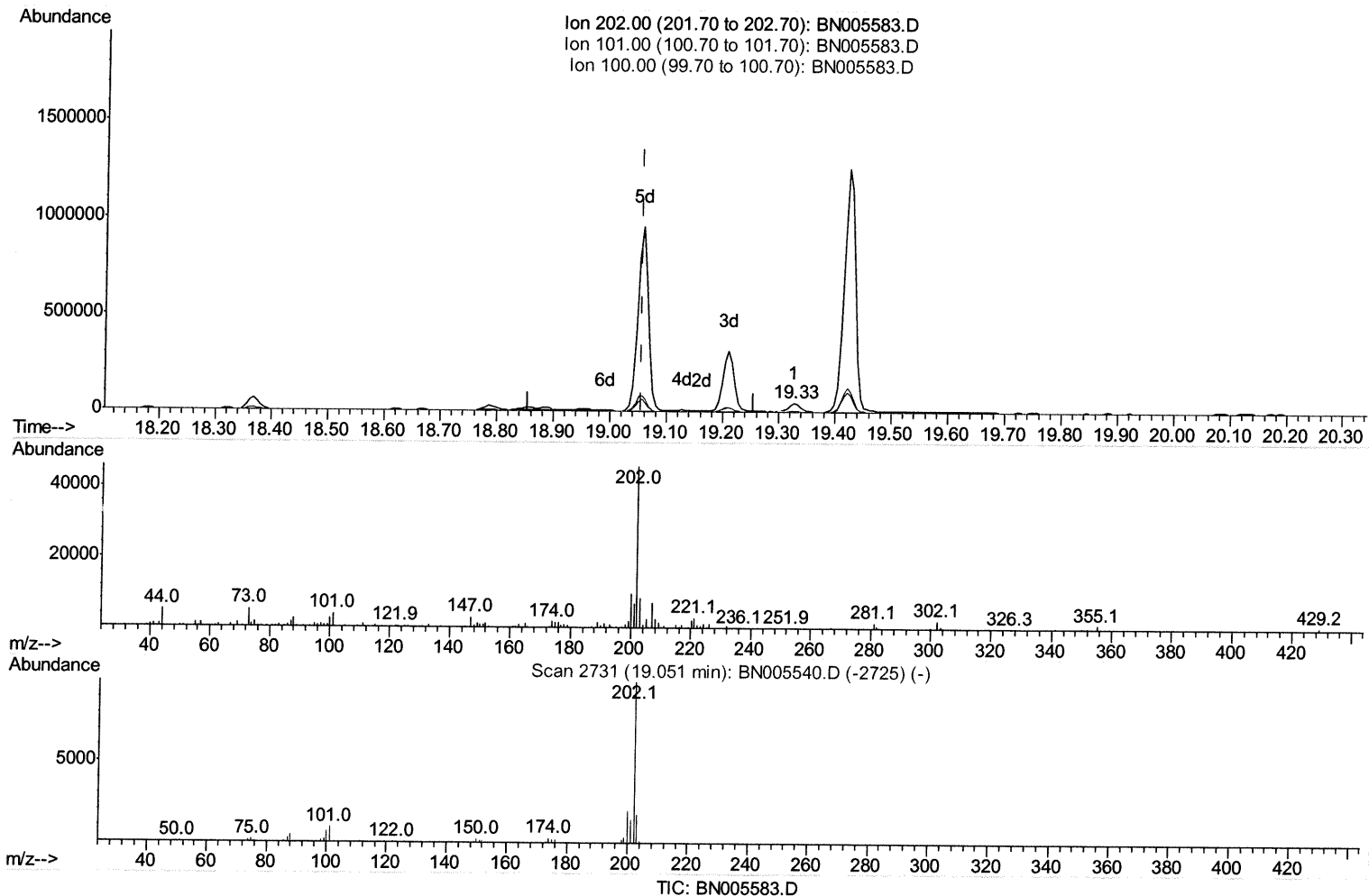
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN050919\
 Data File : BN005583.D
 Acq On : 10 May 2019 01:10
 Operator : JU/SJ
 Sample : K2603-15DL 30X
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 GAJ67DL

Manual Integrations
 APPROVED

Sohil
 5/10/2019 1:19:47 PM

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 Response via : Initial Calibration



(76) Fluoranthene (C)

19.328min (+0.271) 0.61ng/ul

response 56863

Ion	Exp%	Act%
202.00	100	100
101.00	10.70	8.96
100.00	7.90	6.35
0.00	0.00	0.00

Quantitation Report (Qedit)

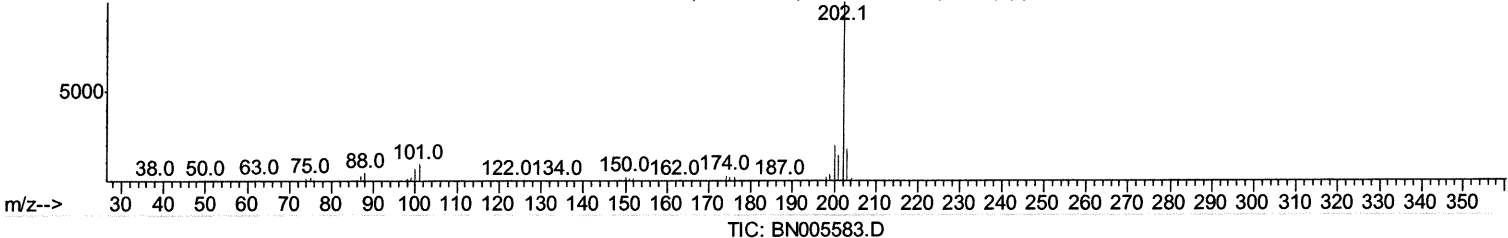
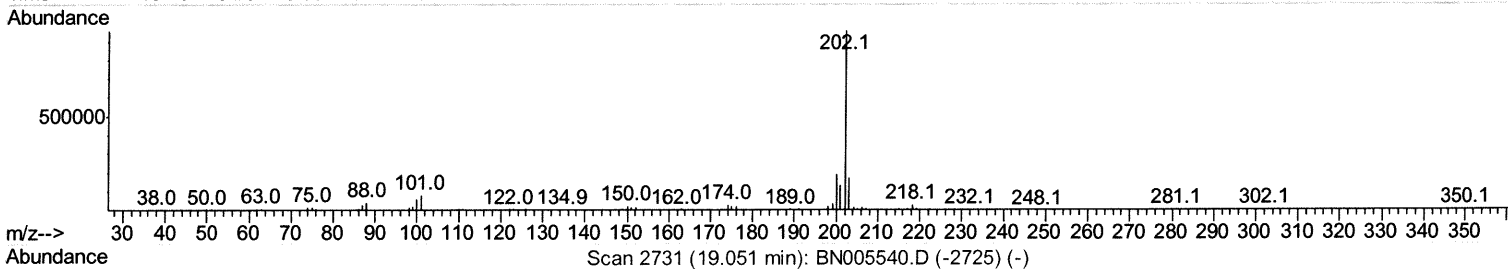
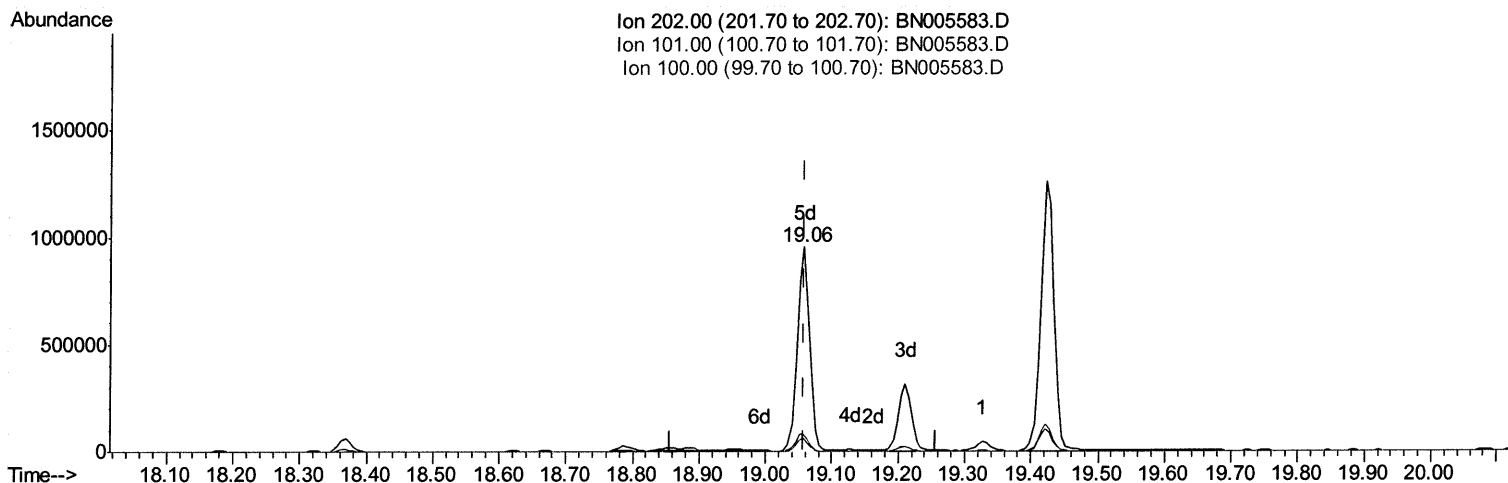
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN050919\
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 Acq On : 10 May 2019 01:10
 Operator : JU/SJ
 Sample : K2603-15DL 30X
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 GAJ67DL

Manual Integrations
 APPROVED

Sohil
 5/10/2019 1:19:47 PM

Quant Time: May 10 04:09:55 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



(76) Fluoranthene (C)

19.057min (+0.000) 13.30ng/ul m SJ 05/12/19

response 1244506

Ion	Exp%	Act%
202.00	100	100
101.00	10.70	8.42#
100.00	7.90	6.42
0.00	0.00	0.00

Quantitation Report (Qedit)

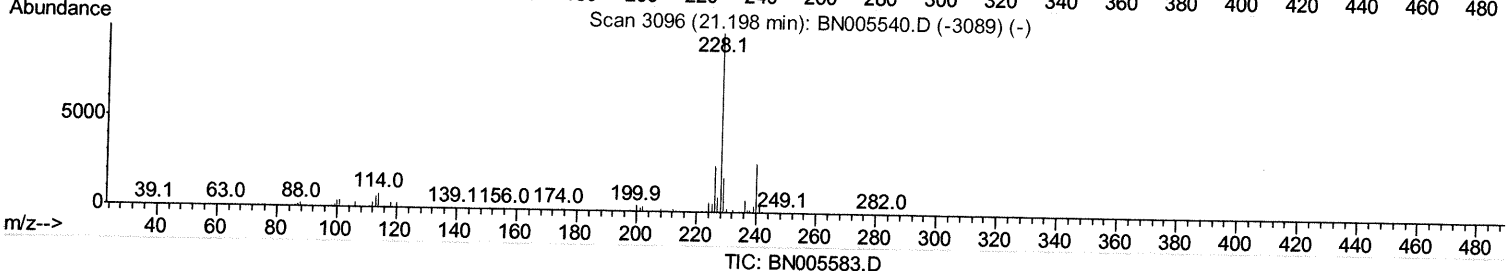
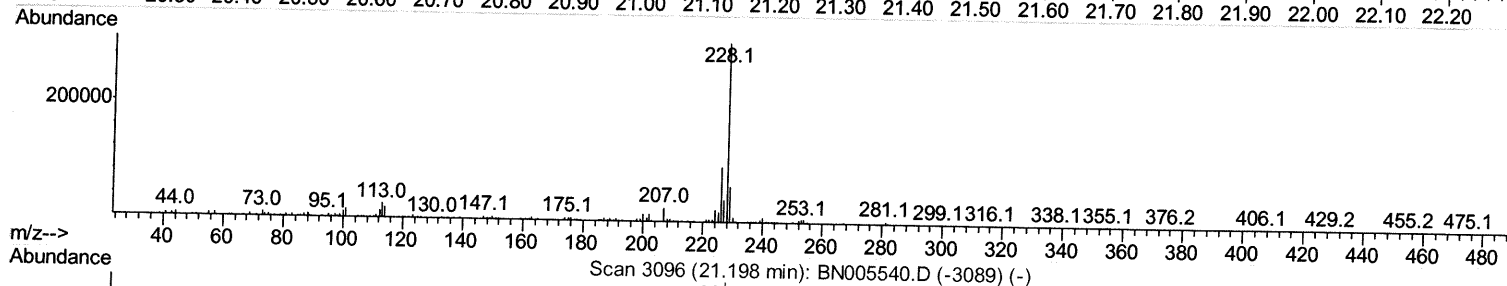
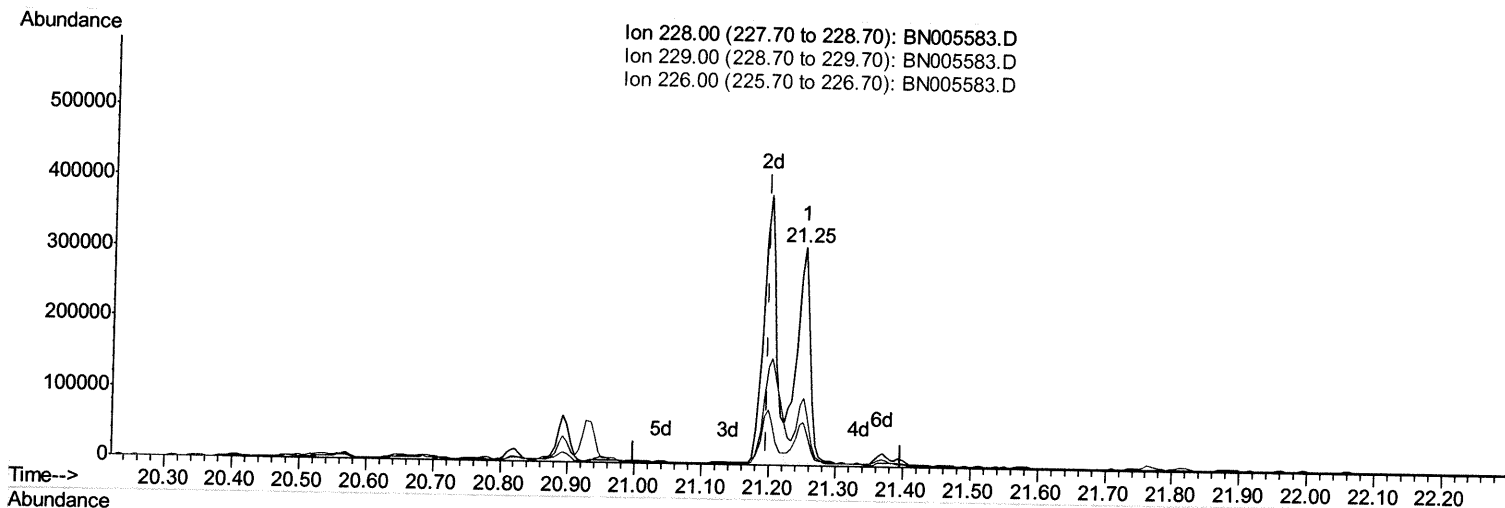
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN050919\
 Data File : BN005583.D
 Acq On : 10 May 2019 01:10
 Operator : JU/SJ
 Sample : K2603-15DL 30X
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 GAJ67DL

Manual Integrations
 APPROVED

Sohil
 5/10/2019 1:19:47 PM

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 Response via : Initial Calibration



(82) Benzo(a)anthracene

21.251min (+0.053) 6.08ng/ul

response 431454

Ion	Exp%	Act%
228.00	100	100
229.00	19.70	19.98
226.00	26.80	30.75
0.00	0.00	0.00

Quantitation Report (Qedit)

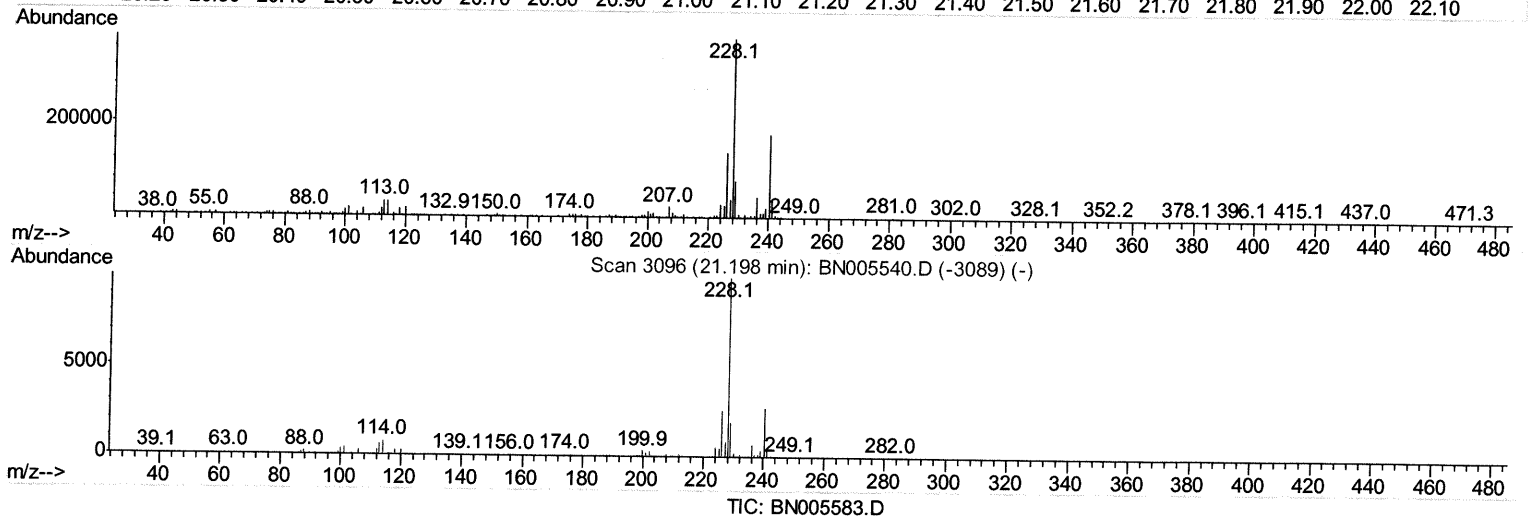
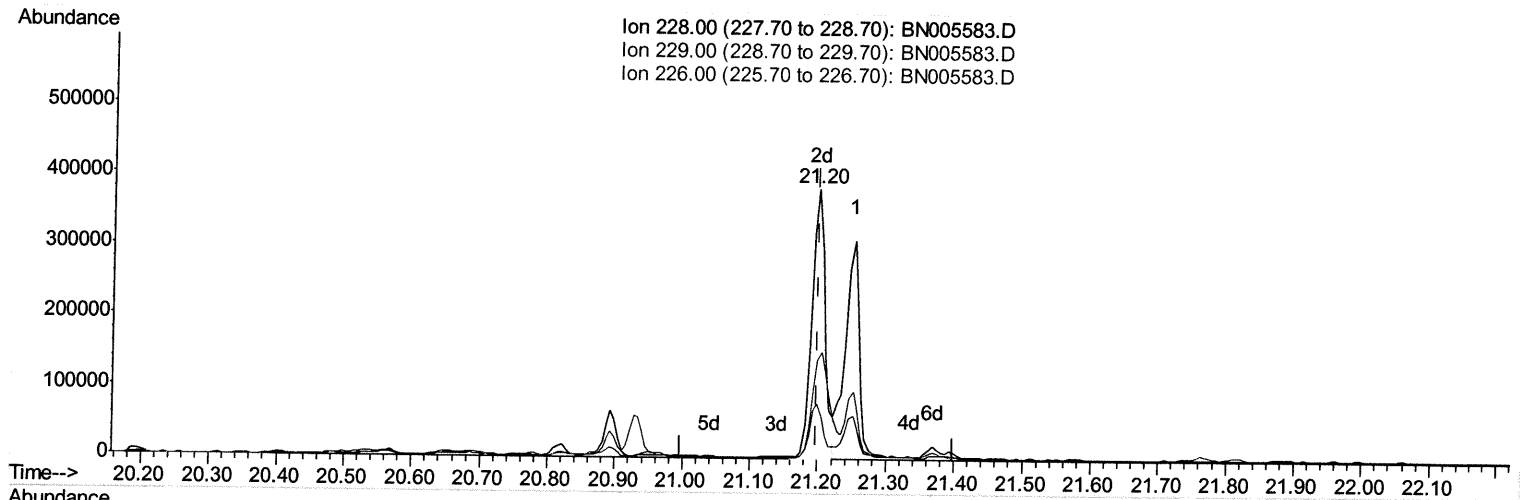
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN050919\
Data File : BN005583.D
Acq On : 10 May 2019 01:10
Operator : JU/SJ
Sample : K2603-15DL 30X
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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Manual Integrations
APPROVED

Sohil
5/10/2019 1:19:47 PM

Quant Time: May 10 04:09:55 2019
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QLast Update : Tue May 07 05:36:07 2019
Response via : Initial Calibration



(82) Benzo(a)anthracene

21.198min (+0.000) 7.43ng/ul m SJ 05/12/19

response 527193

Ion	Exp%	Act%
228.00	100	100
229.00	19.70	20.62
226.00	26.80	36.38#
0.00	0.00	0.00

Quantitation Report (Qedit)

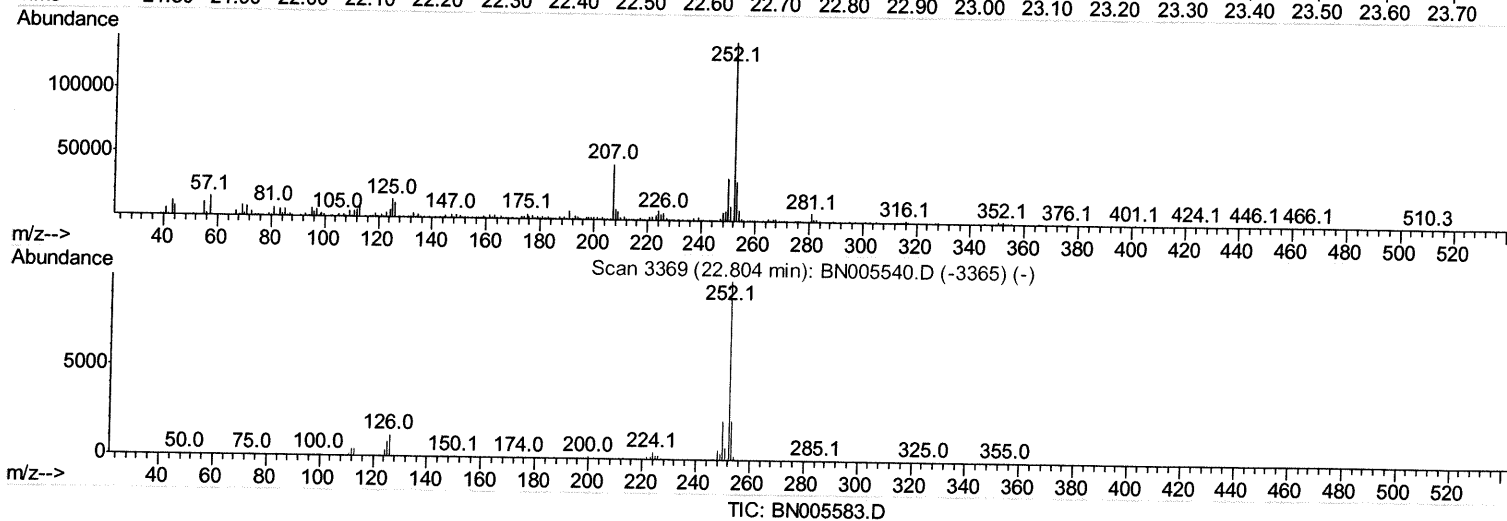
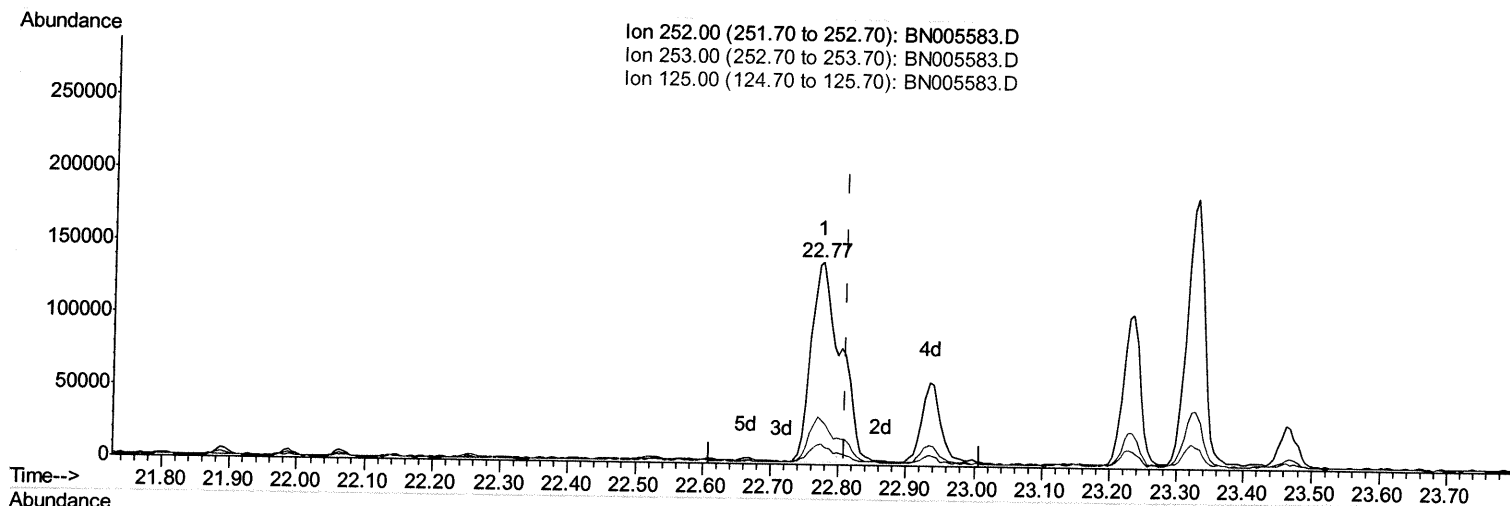
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN050919\
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Manual Integrations
 APPROVED

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(88) Benzo(k)fluoranthene

22.774min (-0.035) 4.90ng/ui

response 321588

Ion	Exp%	Act%
252.00	100	100
253.00	21.70	22.16
125.00	9.40	10.22
0.00	0.00	0.00

Quantitation Report (Qedit)

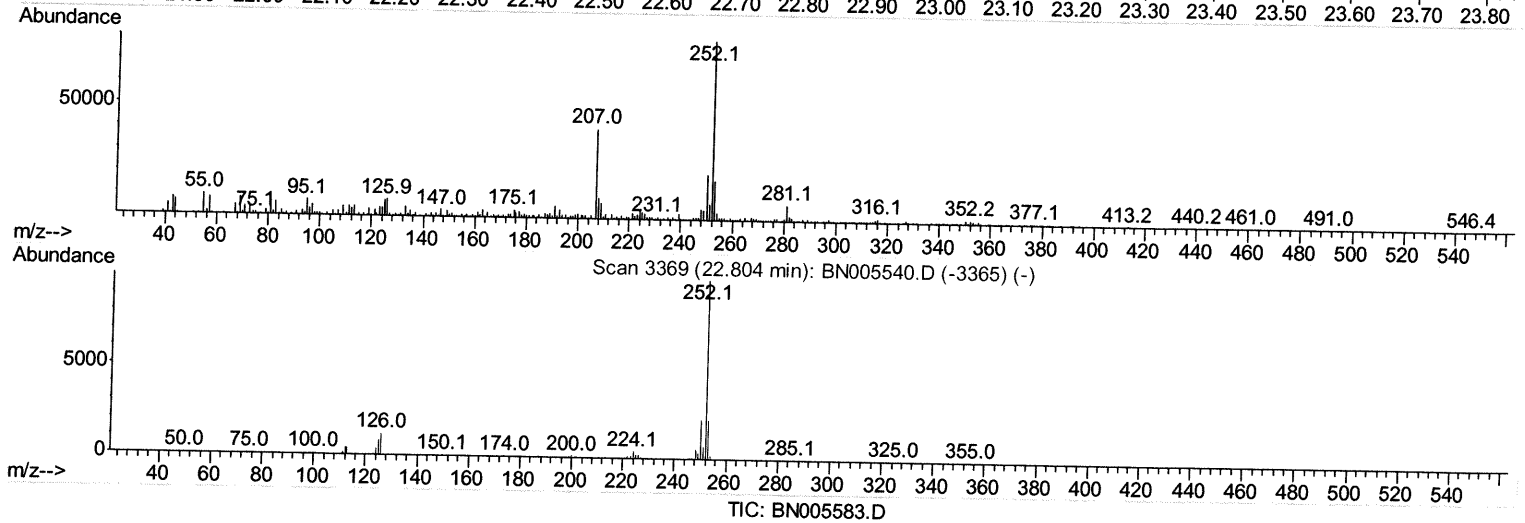
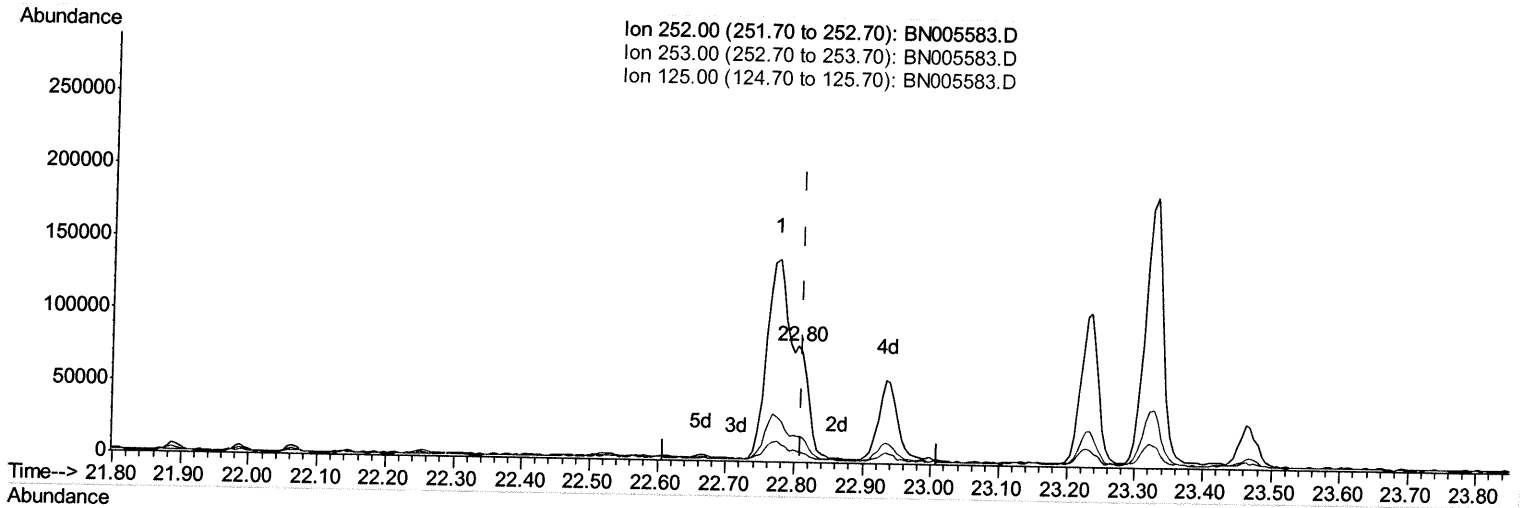
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN050919\
Data File : BN005583.D
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Sample : K2603-15DL 30X
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
GAJ67DL

Manual Integrations
APPROVED

Sohil
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(88) Benzo(k)fluoranthene

22.804min (-0.006) 1.51ng/ul m *SJ 05/12/19*

response 98907

Ion	Exp%	Act%
252.00	100	100
253.00	21.70	22.53
125.00	9.40	9.35
0.00	0.00	0.00

Quantitation Report (Qedit)

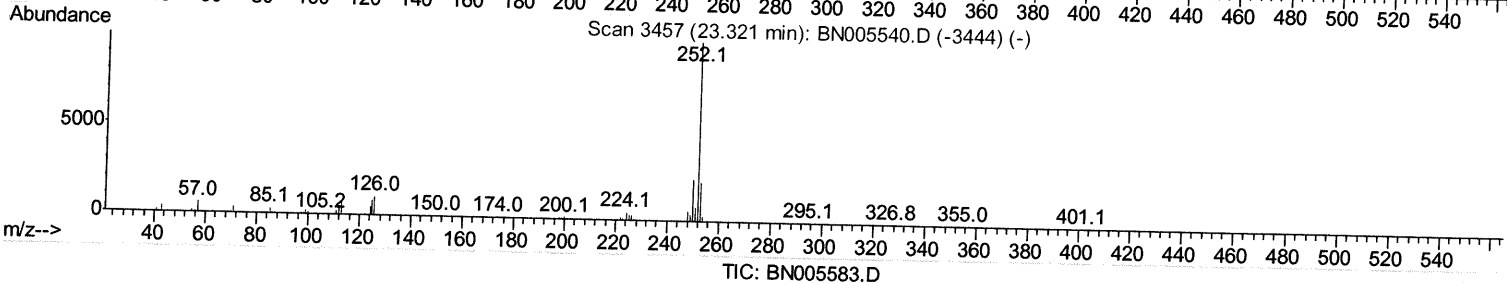
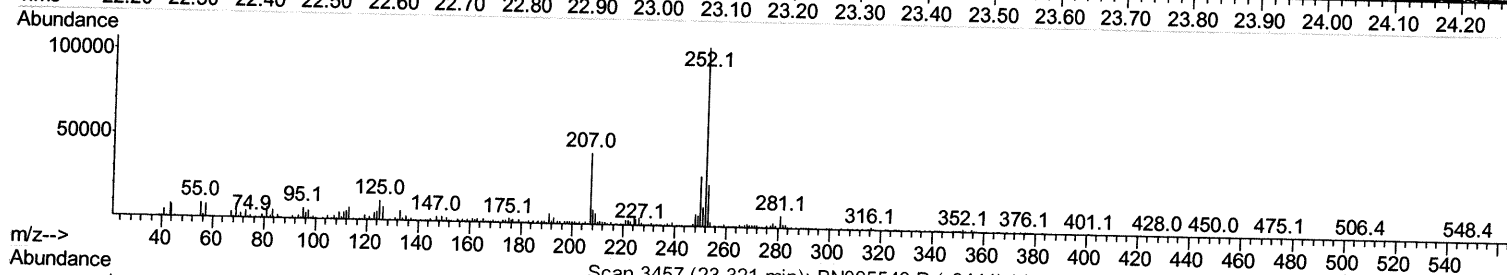
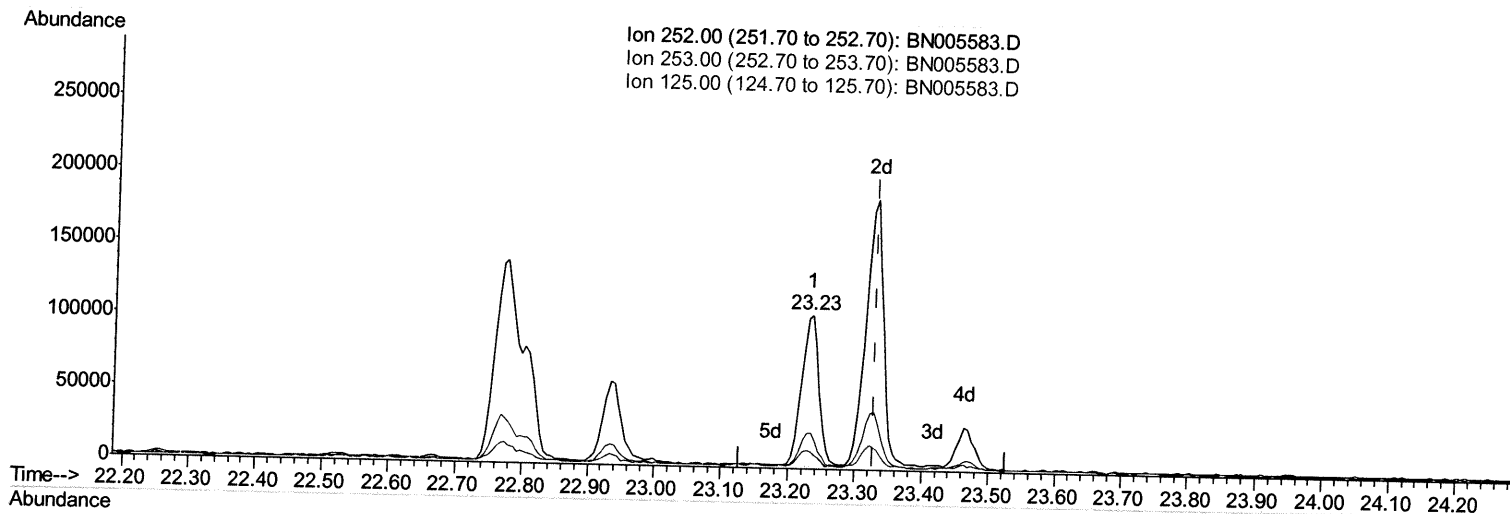
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Manual Integrations
 APPROVED

Sohil
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(90) Benzo(a)pyrene (C)

23.233min (-0.094) 2.95ng/ul

response 190322

Ion	Exp%	Act%
252.00	100	100
253.00	21.60	23.31
125.00	10.80	11.35
0.00	0.00	0.00

Quantitation Report (Qedit)

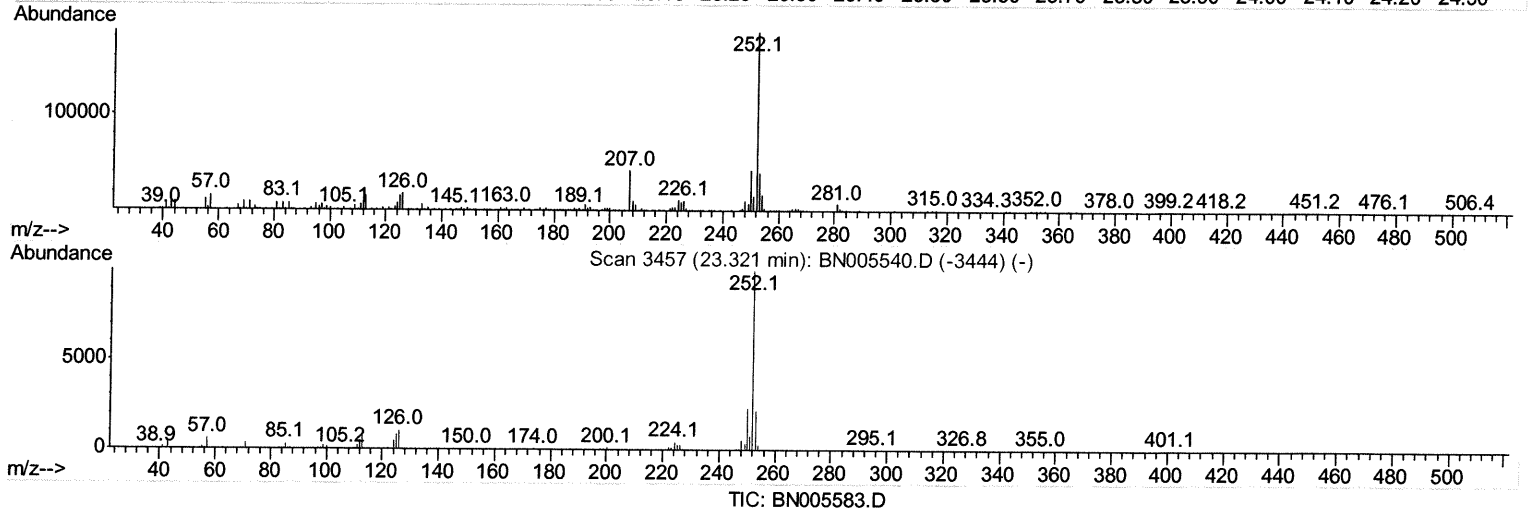
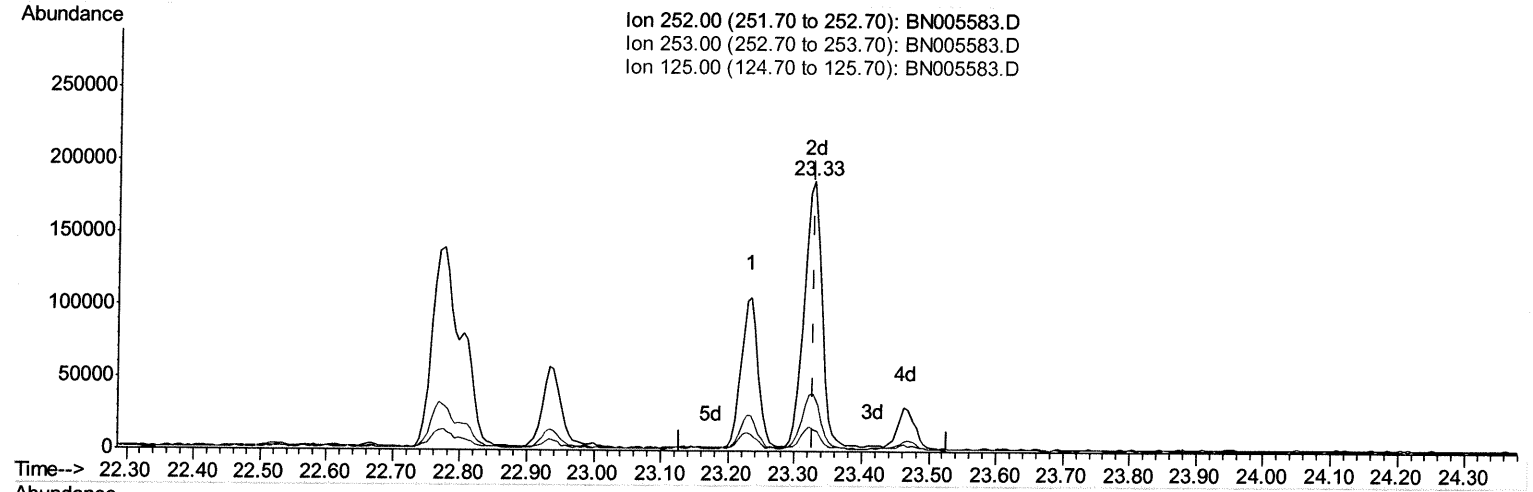
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 ClientSampleId :
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Manual Integrations
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(90) Benzo(a)pyrene (C)

23.327min (+0.000) 5.18ng/ul m SJ 05/12/19

response 334342

Ion	Exp%	Act%
252.00	100	100
253.00	21.60	21.44
125.00	10.80	8.18#
0.00	0.00	0.00

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 Data File : BN005583.D
 Acq On : 10 May 2019 01:10
 Operator : JU/SJ
 Sample : K2603-15DL 30X
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_N
 Client Sampled :
 GAJ67DL

Manual Integrations
 APPROVED

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.59	152	325602	20.00	ng/ul	0.00
18) Naphthalene-d8	10.35	136	1415138	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.22	164	837679	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.98	188	1731945m	20.00	ng/ul	0.00
77) Chrysene-d12	21.22	240	1141037	20.00	ng/ul	0.00
85) Perylene-d12	23.42	264	1222640	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.22	96	1110	0.16	ng/uL	0.00
5) Phenol-d5	6.78	99	15498	0.61	ng/ul	0.00
7) Bis-(2-Chloroethyl) ether-d	6.94	67	10030	0.63	ng/ul	0.00
9) 2-Chlorophenol-d4	7.13	132	13419	0.69	ng/ul	0.00
13) 4-Methylphenol-d8	8.31	113	10979	0.55	ng/ul	0.02
19) Nitrobenzene-d5	8.74	128	7192	0.83	ng/ul	0.00
22) 2-Nitrophenol-d4	9.46	143	6528	0.74	ng/ul	0.01
26) 2,4-Dichlorophenol-d3	10.01	165	11313	0.56	ng/ul	0.04
29) 4-Chloroaniline-d4	0.00	131	0d	0.00	ng/ul	
43) Dimethylphthalate-d6	13.64	166	49234	0.81	ng/ul	0.00
46) Acenaphthylene-d8	13.92	160	62003	0.83	ng/ul	0.00
51) 4-Nitrophenol-d4	14.43	143	979m	0.10	ng/ul	-0.01
57) Fluorene-d10	15.22	176	45870	0.90	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	0.00	200	0	0.00	ng/ul	
70) Anthracene-d10	17.08	188	64221	0.88	ng/ul	0.00
78) Pyrene-d10	19.39	212	57340	0.98	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.28	264	45529	0.85	ng/ul	0.00

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
28) Naphthalene	10.40	128	3905398	59.364	ng/ul	99
34) 2-Methylnaphthalene	12.02	142	1442820	29.952	ng/ul	99
40) 1,1'-Biphenyl	13.05	154	257208	4.121	ng/ul	99
47) Acenaphthylene	13.94	152	1311356	17.866	ng/ul	98
49) Acenaphthene	14.29	153	91450	1.825	ng/ul	96
53) Dibenzofuran	14.63	168	85572	1.186	ng/ul	99
58) Fluorene	15.28	166	612829	10.886	ng/ul	97
69) Phenanthrene	17.03	178	2633110m	31.217	ng/ul	97
71) Anthracene	17.12	178	656549	7.641	ng/ul	99
76) Fluoranthene	19.06	202	1244506m	13.302	ng/ul	97
79) Pyrene	19.42	202	1746496	23.772	ng/ul	94
82) Benzo(a)anthracene	21.20	228	527193m	7.427	ng/ul	97
84) Chrysene	21.25	228	444029	6.740	ng/ul	98
87) Benzo(b)fluoranthene	22.77	252	321588	4.679	ng/ul	100
88) Benzo(k)fluoranthene	22.80	252	98907m	1.507	ng/ul	97
90) Benzo(a)pyrene	23.33	252	334342m	5.175	ng/ul	97
91) Indeno(1,2,3-cd)pyrene	25.61	276	137315	1.923	ng/ul	94
93) Benzo(a,h,i)perylene	26.28	276	134236	2.273	ng/ul	96

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