

Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN050819\
Data File : BN005543.D
Acq On : 08 May 2019 21:43
Operator : JU/SJ
Sample : K2603-08ME
Misc :
ALS Vial : 15 Sample Multiplier: 1

Quant Time: May 09 03:20:50 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

Client Sampled :

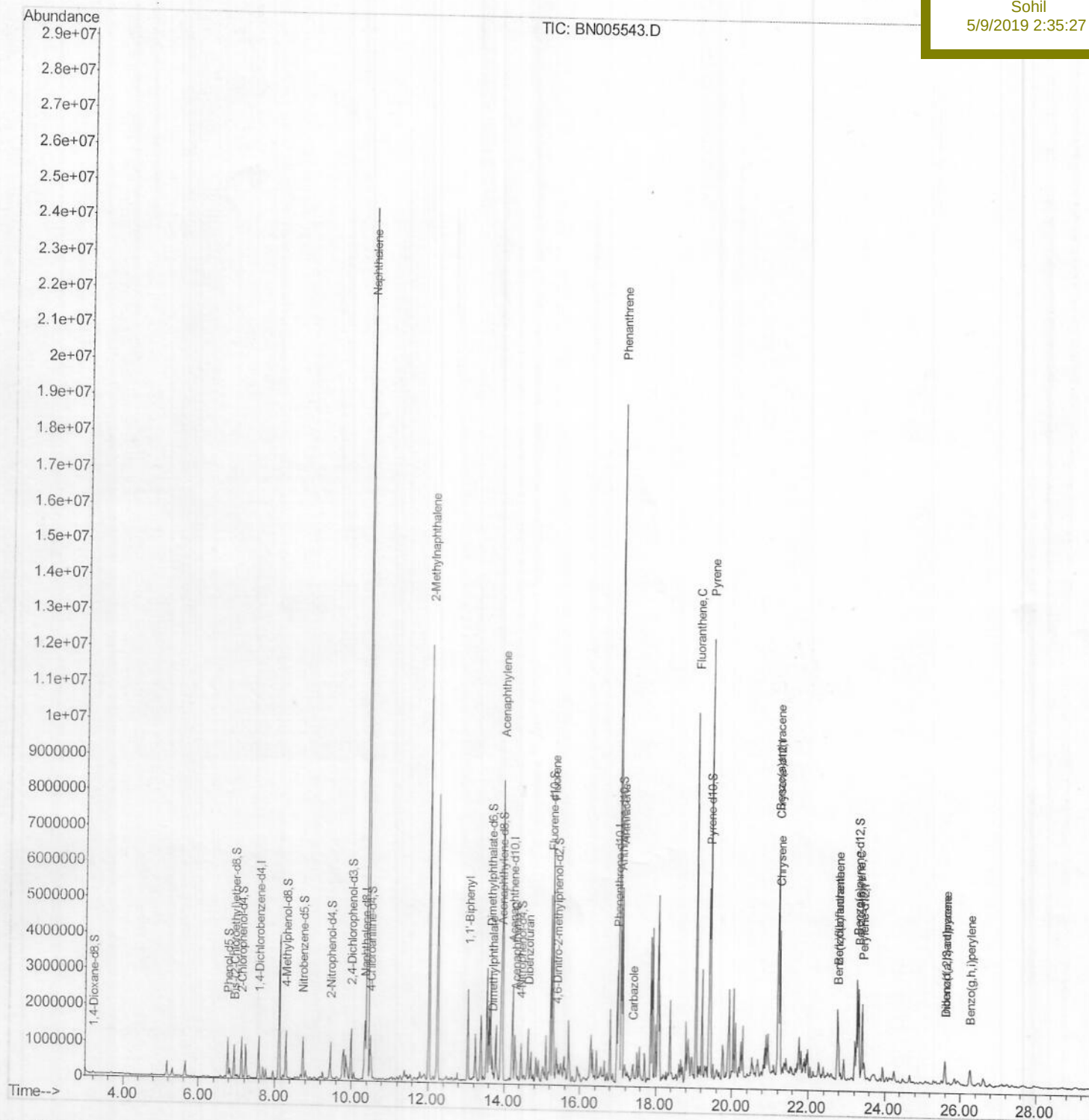
GAJ60ME

Manual Integrations

APPROVED

Sohil

5/9/2019 2:35:27 PM



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN050819\

Data File : BN005543.D

Acq On : 08 May 2019 21:43

Operator : JU/SJ

Sample : K2603-08ME

Misc :

ALS Vial : 15 Sample Multiplier: 1

Quant Time: May 13 07:50:24 2019

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M

Quant Title : SVOA CALIBRATION

QLast Update : Mon May 13 02:03:34 2019

Response via : Initial Calibration

Instrument :

BNA_N

Client Sampled :

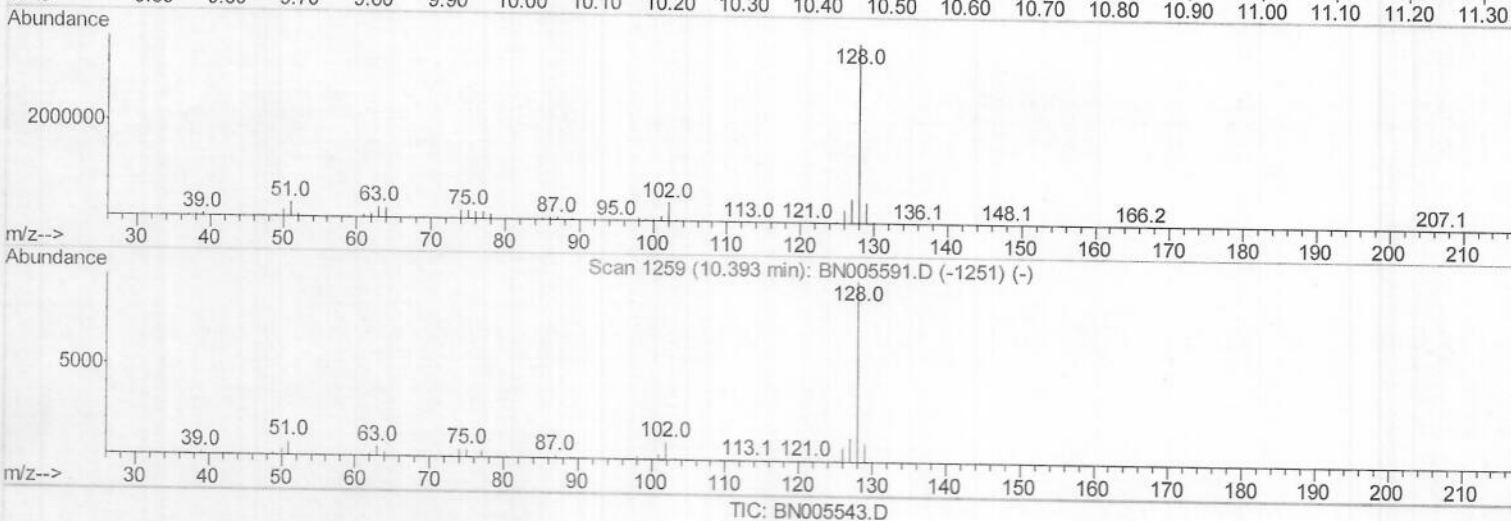
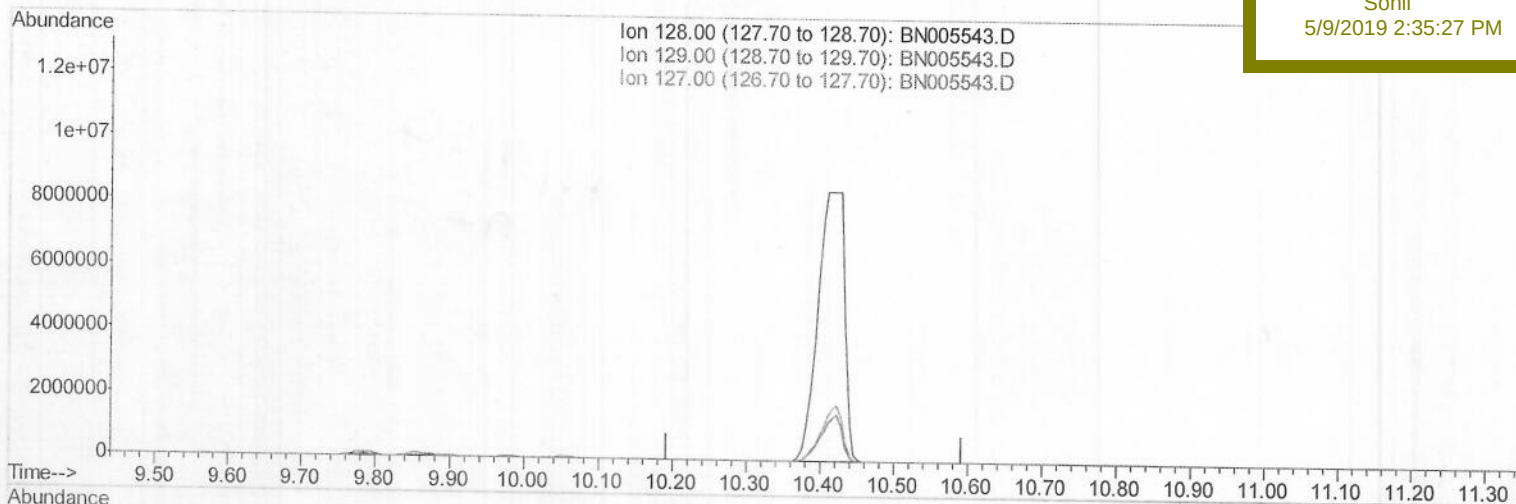
GAJ60ME

Manual Integrations

APPROVED

Sohil

5/9/2019 2:35:27 PM



(28) Naphthalene

10.393min (-10.393) 0.00ng/ul

response 0

Ion	Exp%	Act%
128.00	100	0.00
129.00	11.50	0.00#
127.00	13.40	0.00#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN050819\

Data File : BN005543.D

Acq On : 08 May 2019 21:43

Operator : JU/SJ

Sample : K2603-08ME

Misc :

ALS Vial : 15 Sample Multiplier: 1

Quant Time: May 09 03:20:50 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 :

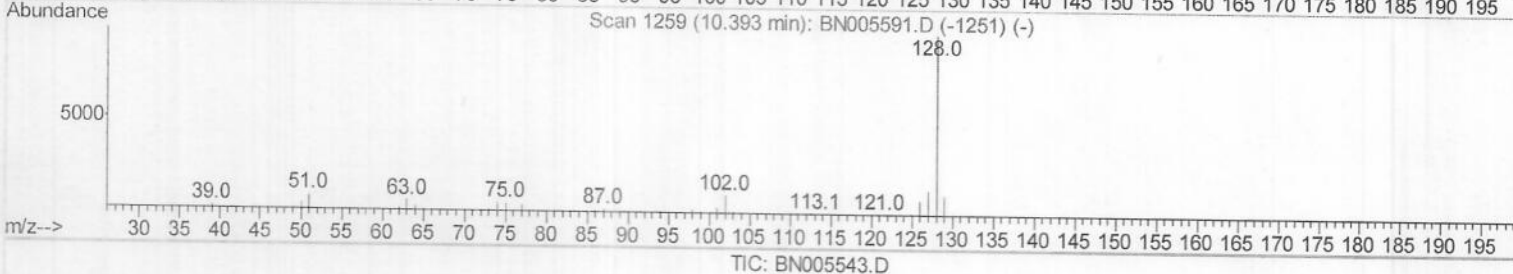
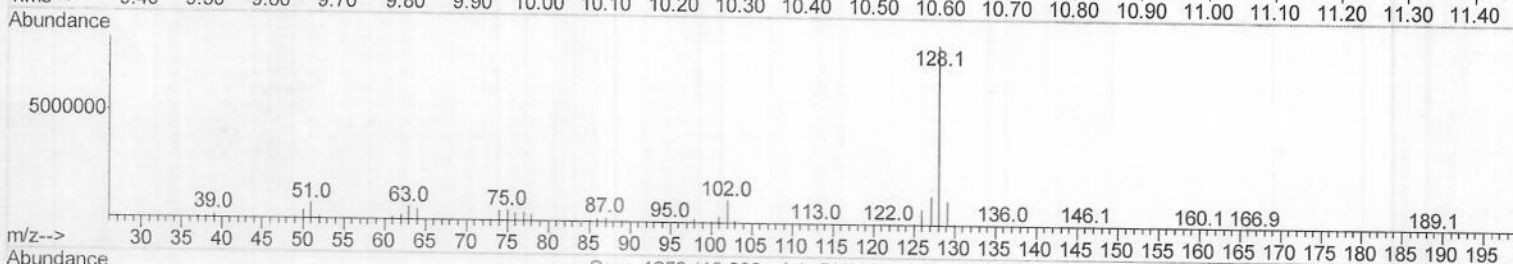
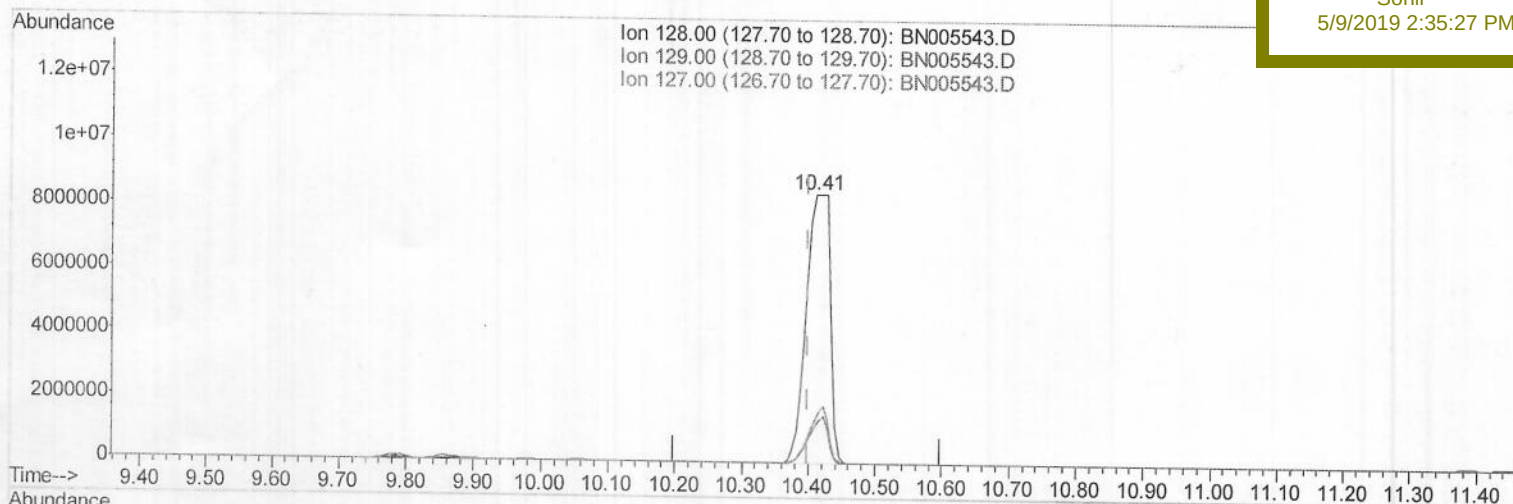
GAJ60ME

Manual Integrations

APPROVED

Sohil

5/9/2019 2:35:27 PM



TIC: BN005543.D

(28) Naphthalene

10.410min (+0.012) 337.33ng/ul m

response 21102077

Ion	Exp%	Act%
128.00	100	100
129.00	11.50	13.90#
127.00	13.40	16.77#
0.00	0.00	0.00

JU
05/12/19

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN050819\

Data File : BN005543.D

Acq On : 08 May 2019 21:43

Operator : JU/SJ

Sample : K2603-08ME

Misc :

ALS Vial : 15 Sample Multiplier: 1

Quant Time: May 13 07:50:24 2019

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M

Quant Title : SVOA CALIBRATION

QLast Update : Mon May 13 02:03:34 2019

Response via : Initial Calibration

Instrument :

BNA_N

ClientSampleId :

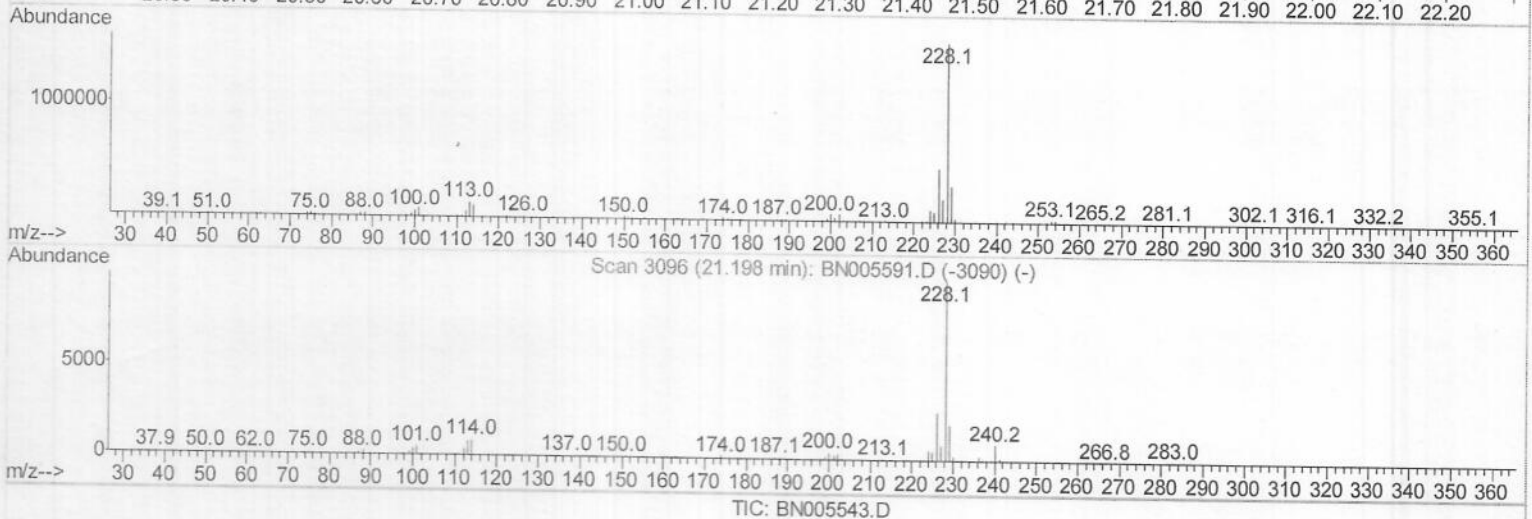
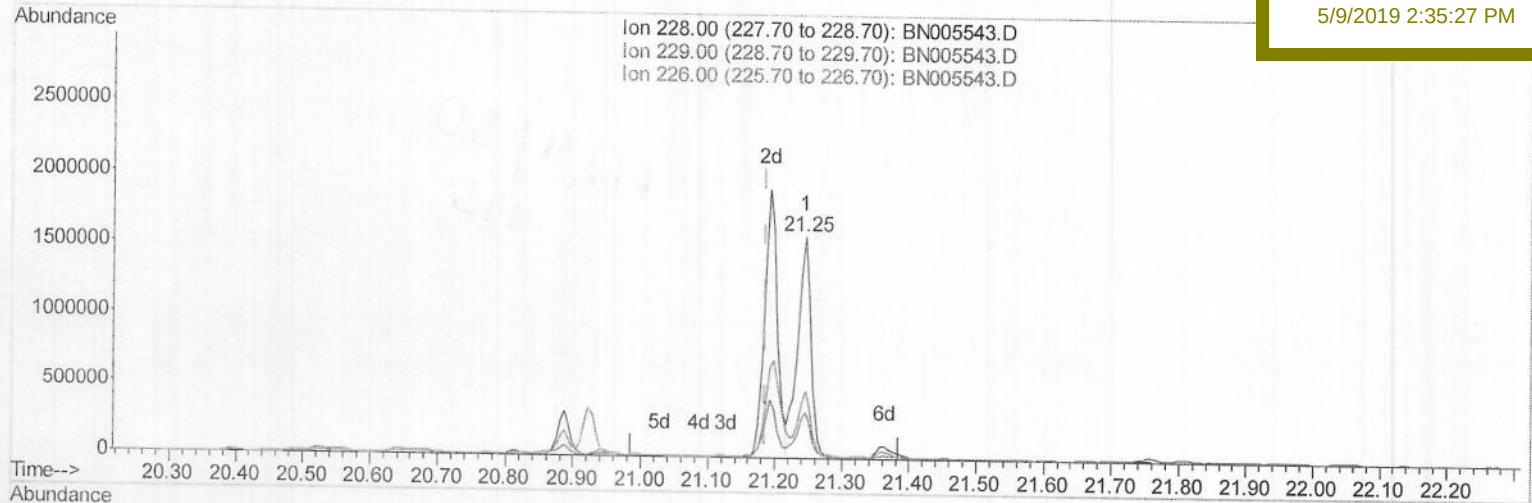
GAJ60ME

Manual Integrations

APPROVED

Sohil

5/9/2019 2:35:27 PM



(82) Benzo(a)anthracene

21.245min (+0.059) 21.17ng/ul

response 2175032

Ion	Exp%	Act%
228.00	100	100
229.00	19.70	20.57
226.00	26.80	29.99
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN050819\

Data File : BN005543.D

Acq On : 08 May 2019 21:43

Operator : JU/SJ

Sample : K2603-08ME

Misc :

ALS Vial : 15 Sample Multiplier: 1

Quant Time: May 09 03:20:50 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

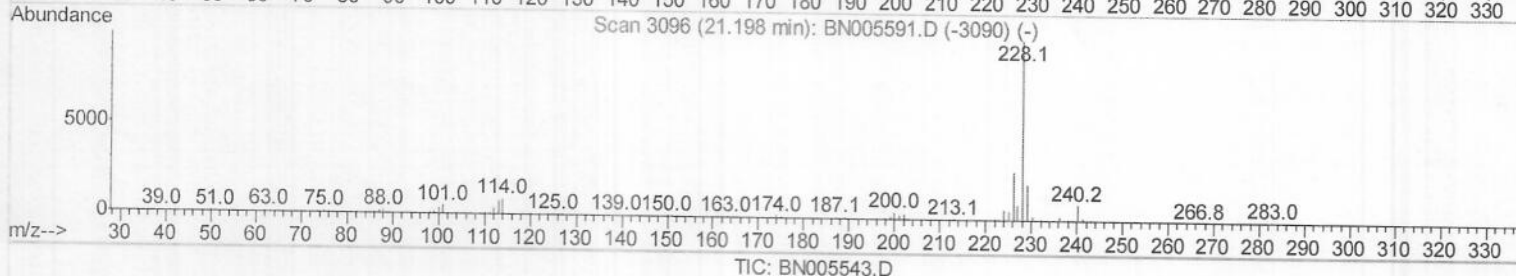
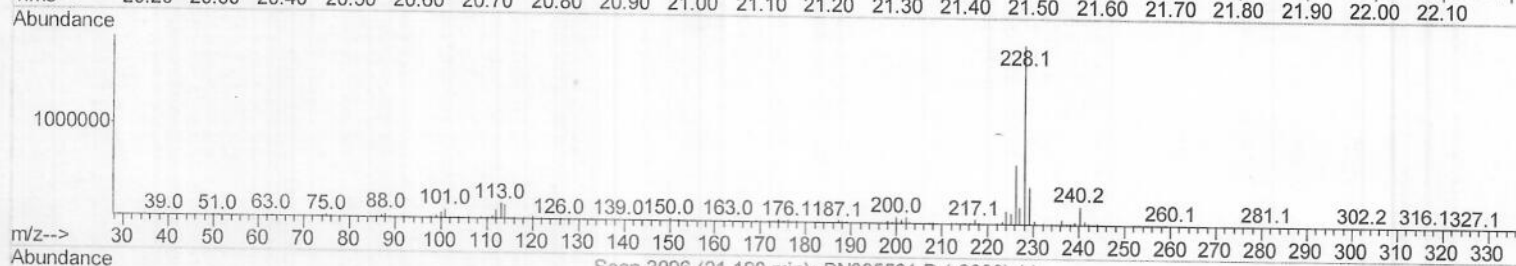
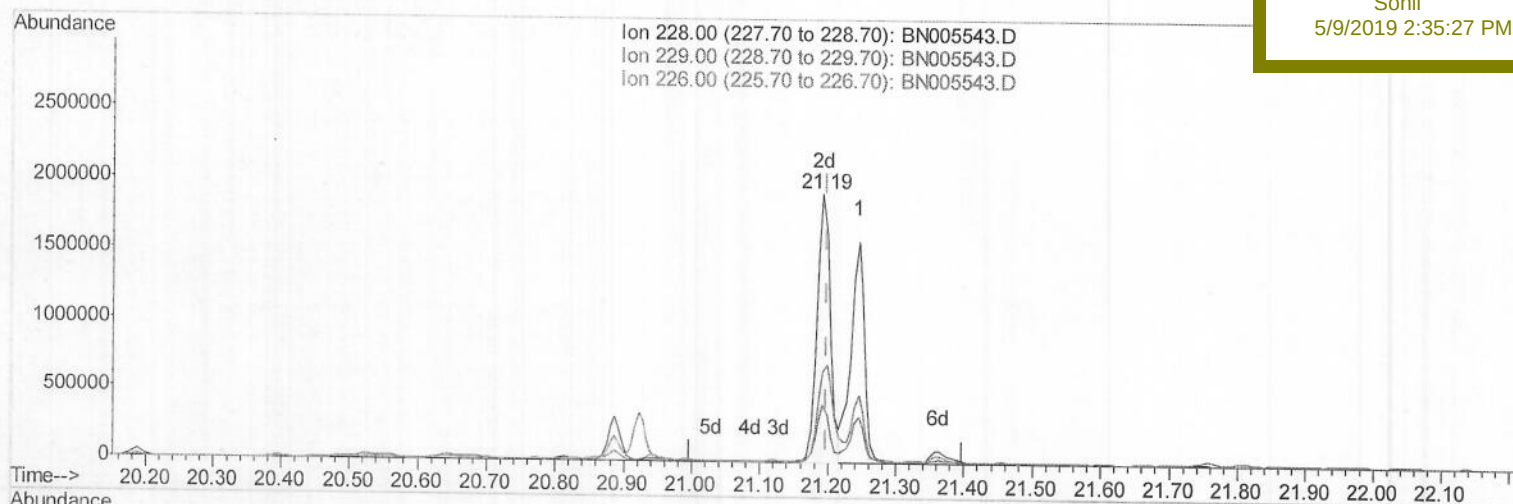
ClientSampled :

GAJ60ME

Manual Integrations
APPROVED

Sohil

5/9/2019 2:35:27 PM



(82) Benzo(a)anthracene

21.192min (-0.006) 25.47ng/ul m

response 2616542

Ion Exp% Act%

228.00 100 100

229.00 19.70 21.21

226.00 26.80 33.80#

0.00 0.00 0.00

JU
05/12/19

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN050819\

Data File : BN005543.D

Acq On : 08 May 2019 21:43

Operator : JU/SJ

Sample : K2603-08ME

Misc :

ALS Vial : 15 Sample Multiplier: 1

Quant Time: May 13 07:50:24 2019

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M

Quant Title : SVOA CALIBRATION

QLast Update : Mon May 13 02:03:34 2019

Response via : Initial Calibration

Instrument :

BNA_N

Client Sampled :

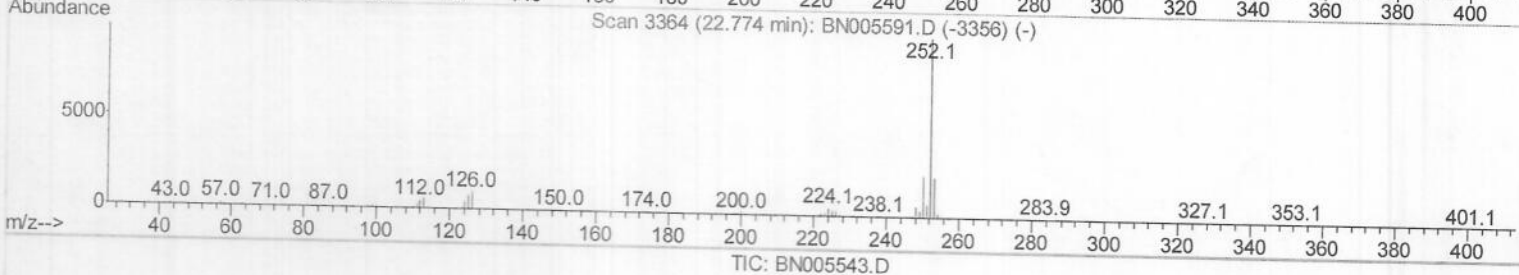
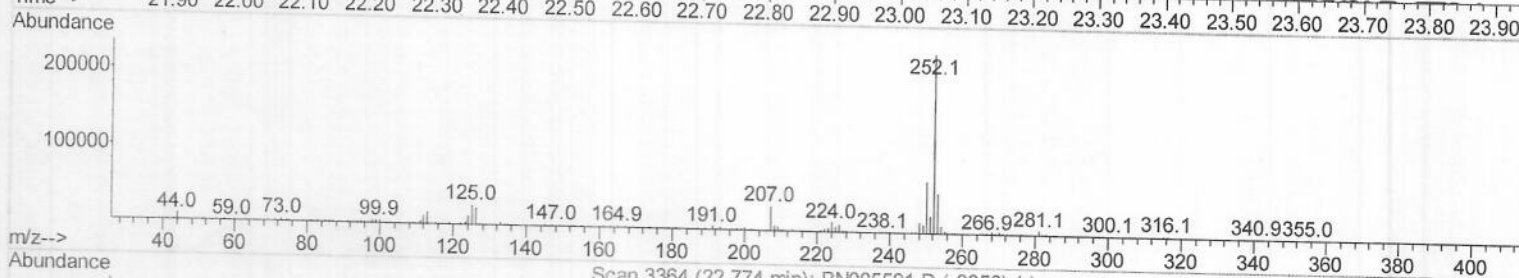
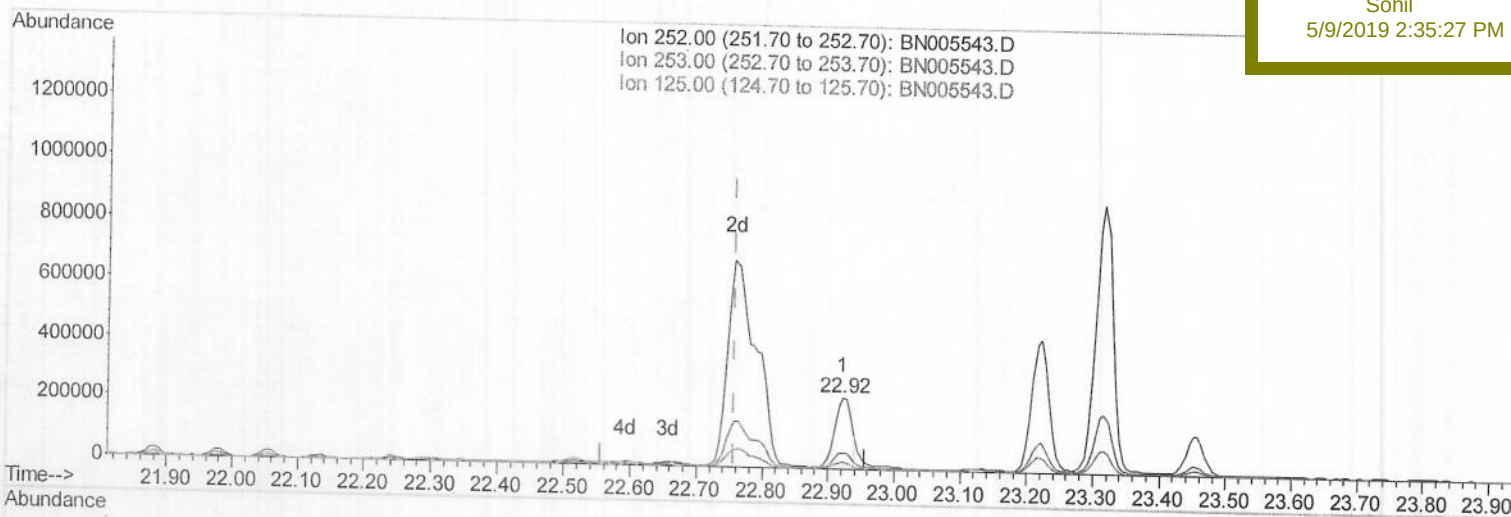
GAJ60ME

Manual Integrations

APPROVED

Sohil

5/9/2019 2:35:27 PM



(87) Benzo(b)fluoranthene

22.922min (+0.165) 4.53ng/ul

response 397041

Ion	Exp%	Act%
252.00	100	100
253.00	22.10	23.03
125.00	10.50	11.09
0.00	0.00	0.00

Quantitation Report (Qedit)

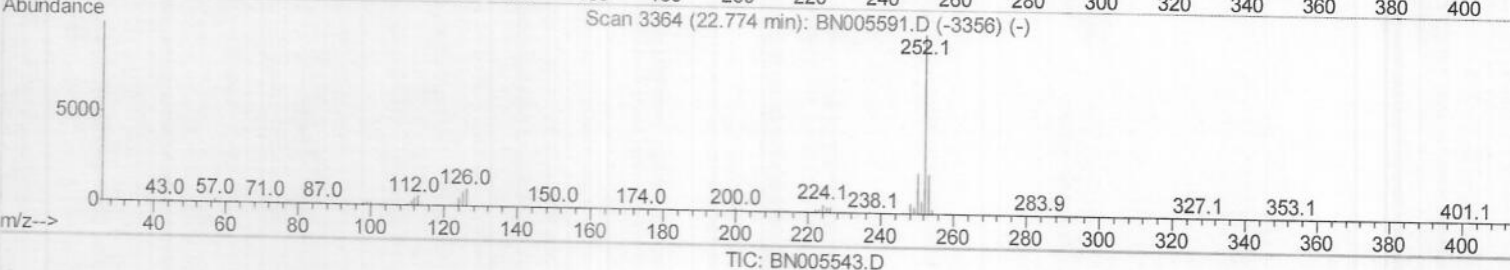
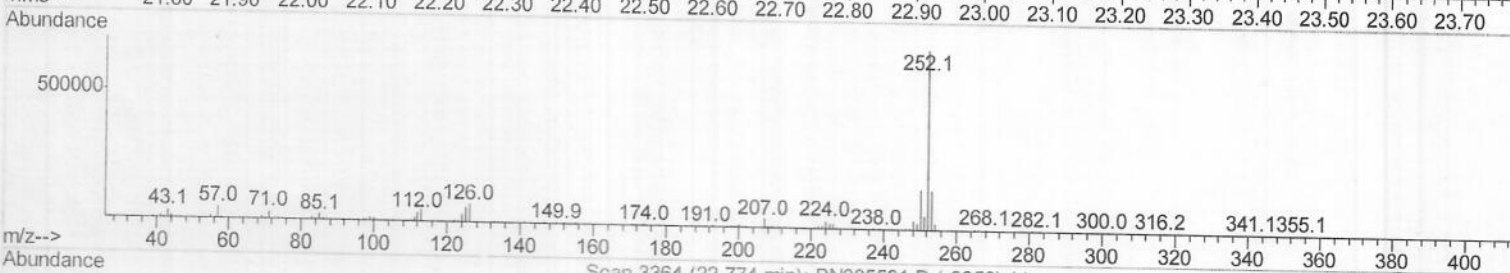
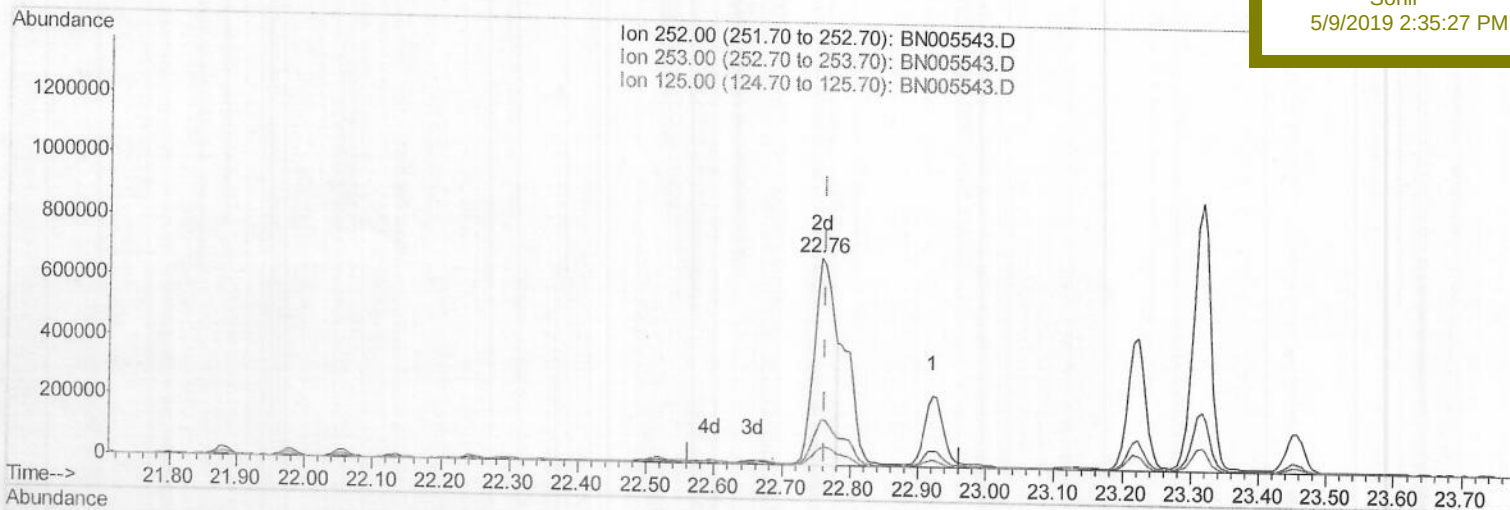
Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN050819\
 Data File : BN005543.D
 Acq On : 08 May 2019 21:43
 Operator : JU/SJ
 Sample : K2603-08ME
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Quant Time: May 09 03:20:50 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
Client Sampled :
 GAJ60ME

Manual Integrations
APPROVED

Sohil
 5/9/2019 2:35:27 PM



(87) Benzo(b)fluoranthene

22.757min (-0.006) 16.35ng/ul m

response 1431351

Ion	Exp%	Act%
252.00	100	100
253.00	22.10	21.65
125.00	10.50	8.23#
0.00	0.00	0.00

JU
05/12/19

Quantitation Report (Qedit)

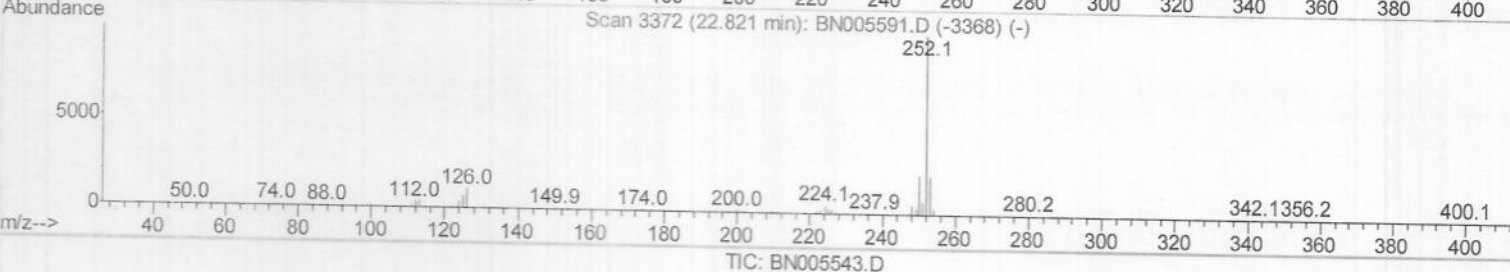
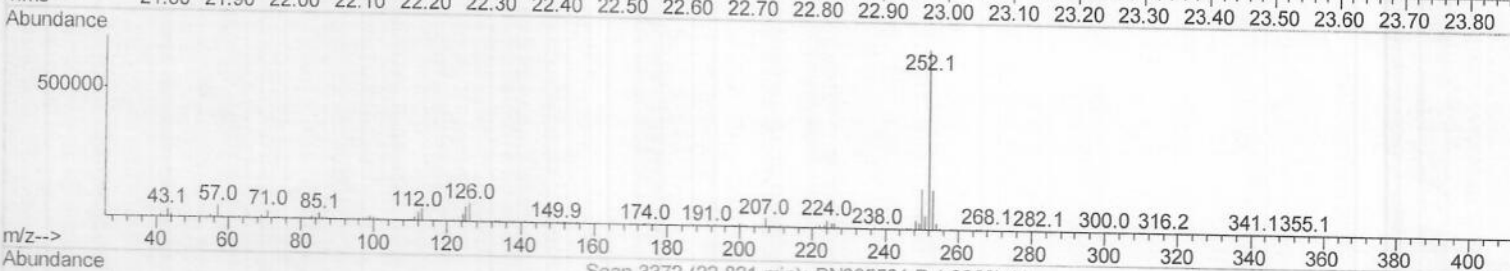
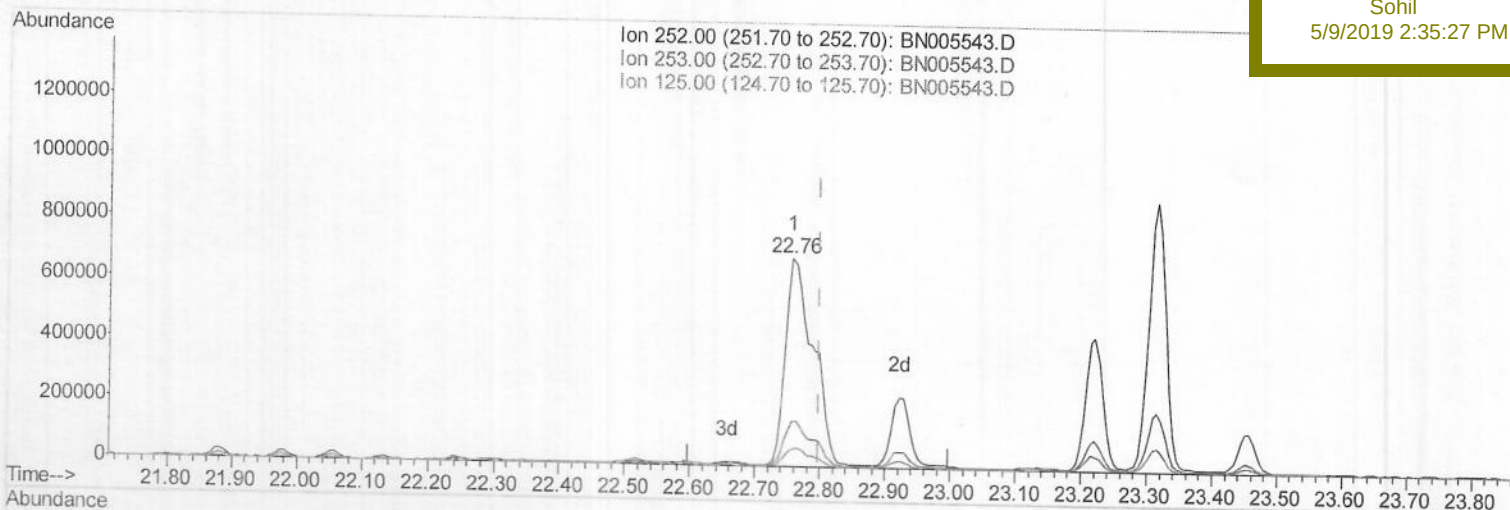
Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN050819\
 Data File : BN005543.D
 Acq On : 08 May 2019 21:43
 Operator : JU/SJ
 Sample : K2603-08ME
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Quant Time: May 13 07:50:24 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon May 13 02:03:34 2019
 Response via : Initial Calibration

Instrument :
 BNA_N
 ClientSampleId :
 GAJ60ME

Manual Integrations
 APPROVED

Sohil
 5/9/2019 2:35:27 PM



(88) Benzo(k)fluoranthene
 22.757min (-0.041) 24.20ng/ul
 response 2025773

Ion	Exp%	Act%
252.00	100	100
253.00	21.70	21.65
125.00	9.40	8.23
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN050819\

Data File : BN005543.D

Acq On : 08 May 2019 21:43

Operator : JU/SJ

Sample : K2603-08ME

Misc :

ALS Vial : 15 Sample Multiplier: 1

Quant Time: Mav 09 03:20:50 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 :

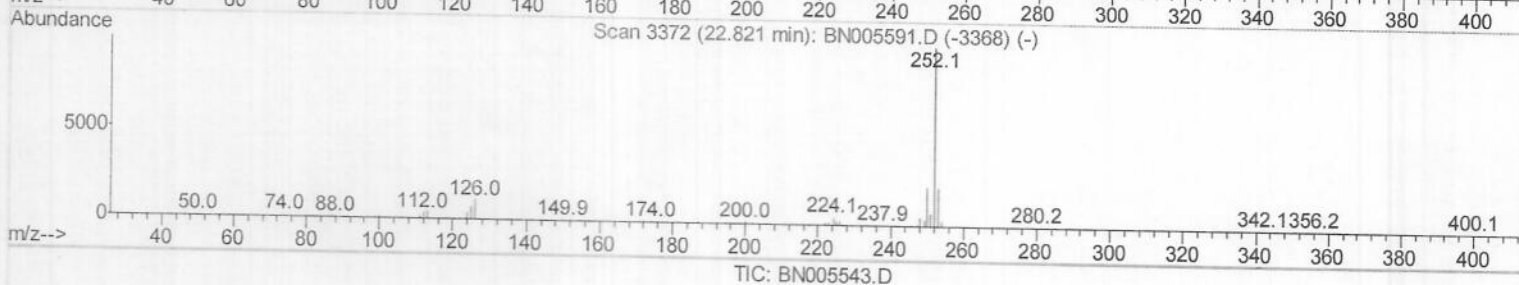
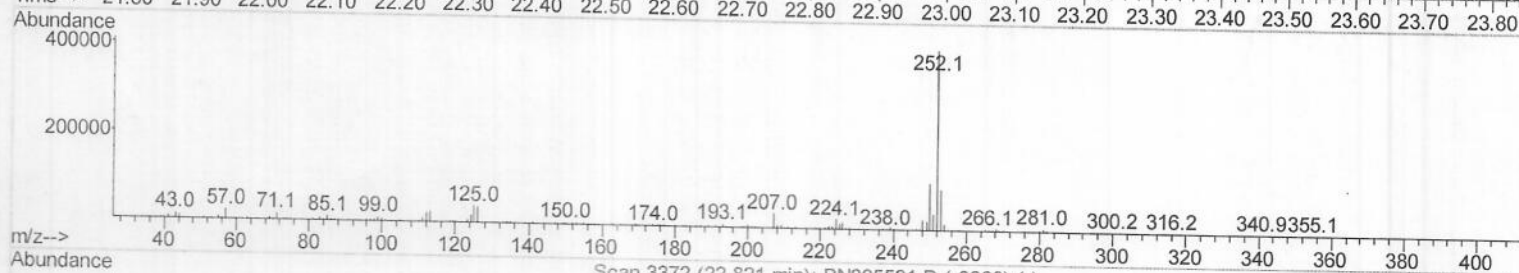
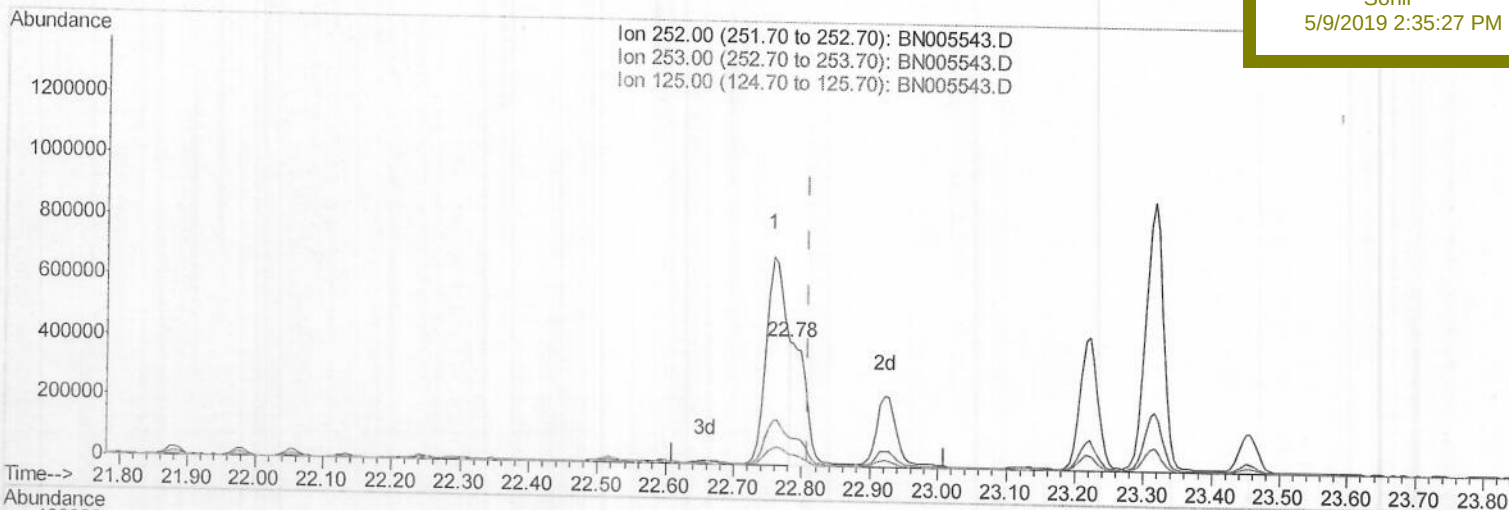
GAJ60ME

Manual Integrations

APPROVED

Sohil

5/9/2019 2:35:27 PM



(88) Benzo(k)fluoranthene

22.780min (-0.029) 7.42ng/ul m

response 620373

Ion	Exp%	Act%
252.00	100	100
253.00	21.70	22.40
125.00	9.40	9.40
0.00	0.00	0.00

JU
05/12/19

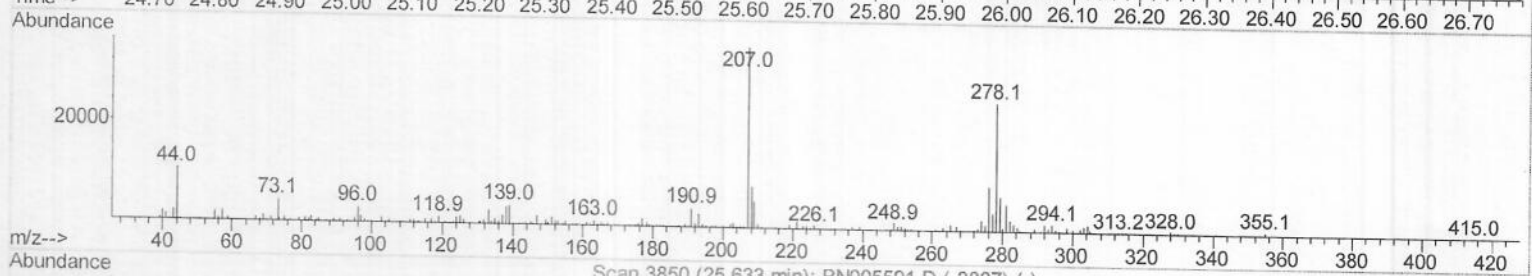
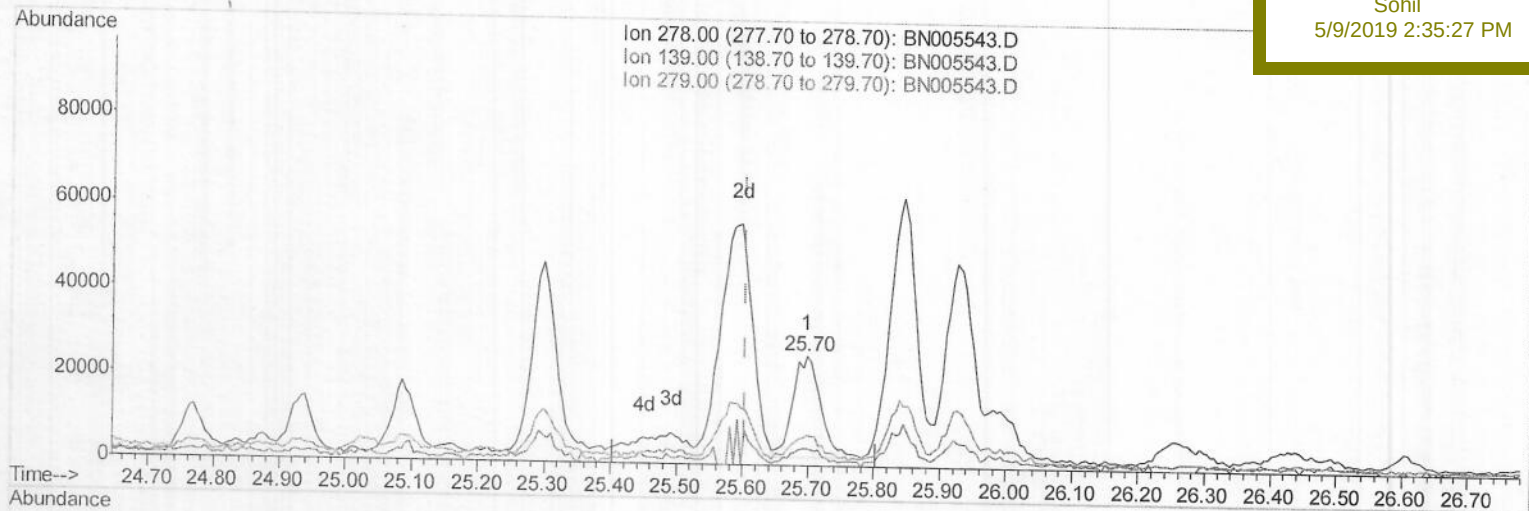
Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN050819\
Data File : BN005543.D
Acq On : 08 May 2019 21:43
Operator : JU/SJ
Sample : K2603-08ME
Misc :
ALS Vial : 15 Sample Multiplier: 1

Quant Time: May 13 07:50:24 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon May 13 02:03:34 2019
Response via : Initial Calibration

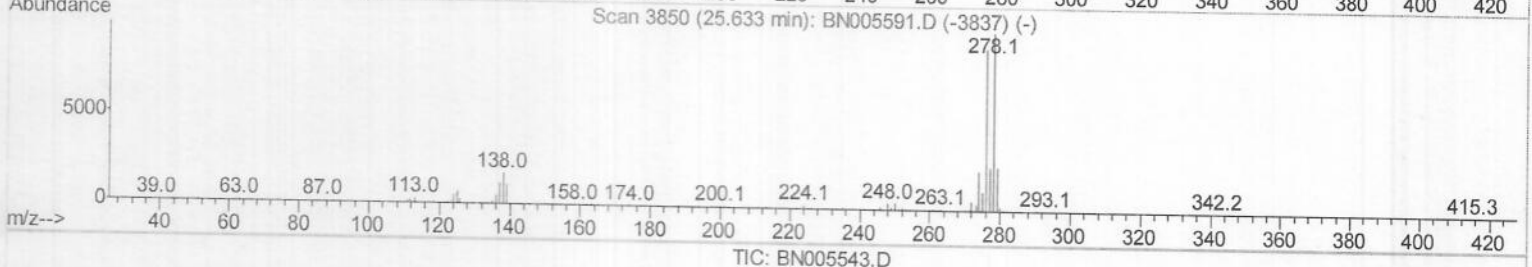
Instrument :
BNA_N
ClientSampleId :
GAJ60ME

Manual Integrations
APPROVED

Sohil
5/9/2019 2:35:27 PM



Scan 3850 (25.633 min): BN005591.D (-3837) (-)



(92) Dibenzo(a,h)anthracene

25.698min (+0.094) 0.89ng/ul

response 68513

Ion	Exp%	Act%
-----	------	------

278.00	100	100
--------	-----	-----

139.00	16.40	16.01
--------	-------	-------

279.00	24.20	28.11
--------	-------	-------

0.00	0.00	0.00
------	------	------

Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN050819\

Data File : BN005543.D

Acq On : 08 May 2019 21:43

Operator : JU/SJ

Sample : K2603-08ME

Misc :

ALS Vial : 15 Sample Multiplier: 1

Quant Time: May 09 03:20:50 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

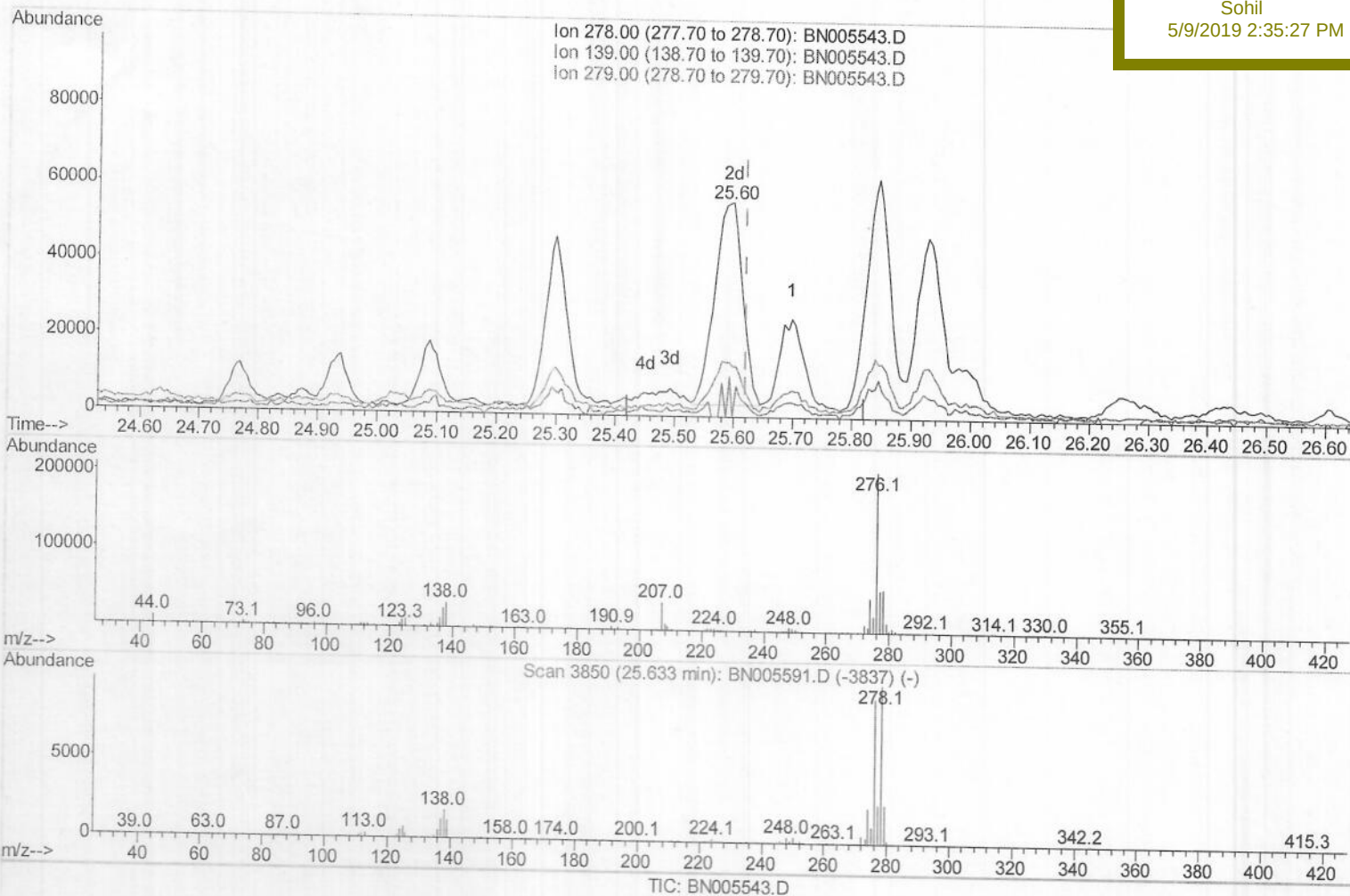
ClientSampleId :

GAJ60ME

Manual Integrations
APPROVED

Sohil

5/9/2019 2:35:27 PM



(92) Dibenzo(a,h)anthracene

25.598min (-0.023) 2.24ng/ul m

response 172997

Ion Exp% Act%

278.00 100 100

139.00 16.40 0.00#

279.00 24.20 23.46

0.00 0.00 0.00

JU
05/12/19

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN050819\

Data File : BN005543.D

Acq On : 08 May 2019 21:43

Operator : JU/SJ

Sample : K2603-08ME

Misc :

ALS Vial : 15 Sample Multiplier: 1

Quant Time: May 09 03:20:50 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

Client Sample ID :

GAJ60ME

Manual Integrations

APPROVED

Sohil

5/9/2019 2:35:27 PM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.59	152	310277	20.00	ng/ul	0.00
18) Naphthalene-d8	10.35	136	1345618	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.22	164	839541	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.98	188	1986506	20.00	ng/ul	0.00
77) Chrysene-d12	21.21	240	1651447	20.00	ng/ul	0.00
85) Perylene-d12	23.41	264	1557291	20.00	ng/ul	-0.01

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.21	96	28195	4.39	ng/uL	0.00
5) Phenol-d5	6.77	99	610177	25.04	ng/ul	0.00
7) Bis-(2-Chloroethyl) ether-d	6.93	67	388814	25.58	ng/ul	0.00
9) 2-Chlorophenol-d4	7.13	132	525916	28.20	ng/ul	0.00
13) 4-Methylphenol-d8	8.29	113	514401	27.00	ng/ul	0.00
19) Nitrobenzene-d5	8.73	128	294151	35.52	ng/ul	0.00
22) 2-Nitrophenol-d4	9.45	143	329660	39.26	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.98	165	552908	28.73	ng/ul	0.00
29) 4-Chloroaniline-d4	10.49	131	681467	34.33	ng/ul	0.00
43) Dimethylphthalate-d6	13.64	166	1978802	32.47	ng/ul	0.00
46) Acenaphthylene-d8	13.92	160	2251916	30.09	ng/ul	0.00
51) 4-Nitrophenol-d4	14.45	143	254751	26.47	ng/ul	0.00
57) Fluorene-d10	15.22	176	1662318	32.50	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.37	200	172042	19.26	ng/ul	0.00
70) Anthracene-d10	17.08	188	2556020	30.69	ng/ul	0.00
78) Pyrene-d10	19.39	212	2696892	31.92	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.27	264	1992712	29.28	ng/ul	-0.01

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)	Ovalue
28) Naphthalene	10.41	128	21102077	337.333	ng/ul		
34) 2-Methylnaphthalene	12.03	142	6275302	137.004	ng/ul	99	
40) 1,1'-Biphenyl	13.05	154	1345044	21.502	ng/ul	98	
44) Dimethylphthalate	13.69	163	300547	4.949	ng/ul	99	
47) Acenaphthylene	13.95	152	5367975	72.973	ng/ul	98	
49) Acenaphthene	14.29	153	522247	10.399	ng/ul	99	
53) Dibenzofuran	14.62	168	601486	8.319	ng/ul	99	
58) Fluorene	15.28	166	3043630	53.946	ng/ul	98	
69) Phenanthrene	17.03	178	13009422	134.470	ng/ul	97	
71) Anthracene	17.12	178	3333803	33.827	ng/ul	99	
74) Carbazole	17.39	167	219116	2.588	ng/ul	96	
76) Fluoranthene	19.06	202	6012512	56.030	ng/ul	97	
79) Pyrene	19.43	202	7617281	71.637	ng/ul#	94	
82) Benzo(a)anthracene	21.19	228	2616542	25.468	ng/ul		
84) Chrysene	21.25	228	2190861	22.977	ng/ul	99	
87) Benzo(b)fluoranthene	22.76	252	1431351	16.351	ng/ul		
88) Benzo(k)fluoranthene	22.78	252	620373	7.420	ng/ul		
90) Benzo(a)pyrene	23.32	252	1589391	19.316	ng/ul	98	
91) Indeno(1,2,3-cd)pyrene	25.59	276	619303	6.808	ng/ul#	93	
92) Dibenz(a,h)anthracene	25.60	278	172997	2.241	ng/ul		
93) Benzo(a,h,i)perylene	26.26	276	557325	7.409	ng/ul	95	

JU
5/12/19

Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN050819\
Data File : BN005543.D
Acq On : 08 May 2019 21:43
Operator : JU/SJ
Sample : K2603-08ME
Misc :
ALS Vial : 15 Sample Multiplier: 1

Quant Time: May 09 03:20:50 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 :
GAJ60ME

Manual Integrations
APPROVED

Sohil
5/9/2019 2:35:27 PM

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

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