

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN042319\

Data File : BN005241.D

Acq On : 24 Apr 2019 07:09

Operator : JU/SJ

Sample : K2455-11 10X

Misc :

ALS Vial : 30 Sample Multiplier: 1

Quant Time: Apr 25 07:39:47 2019

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

Quant Title : SVOA CALIBRATION

QLast Update : Tue Apr 23 03:50:45 2019

Response via : Initial Calibration

Instrument :

BNA_N

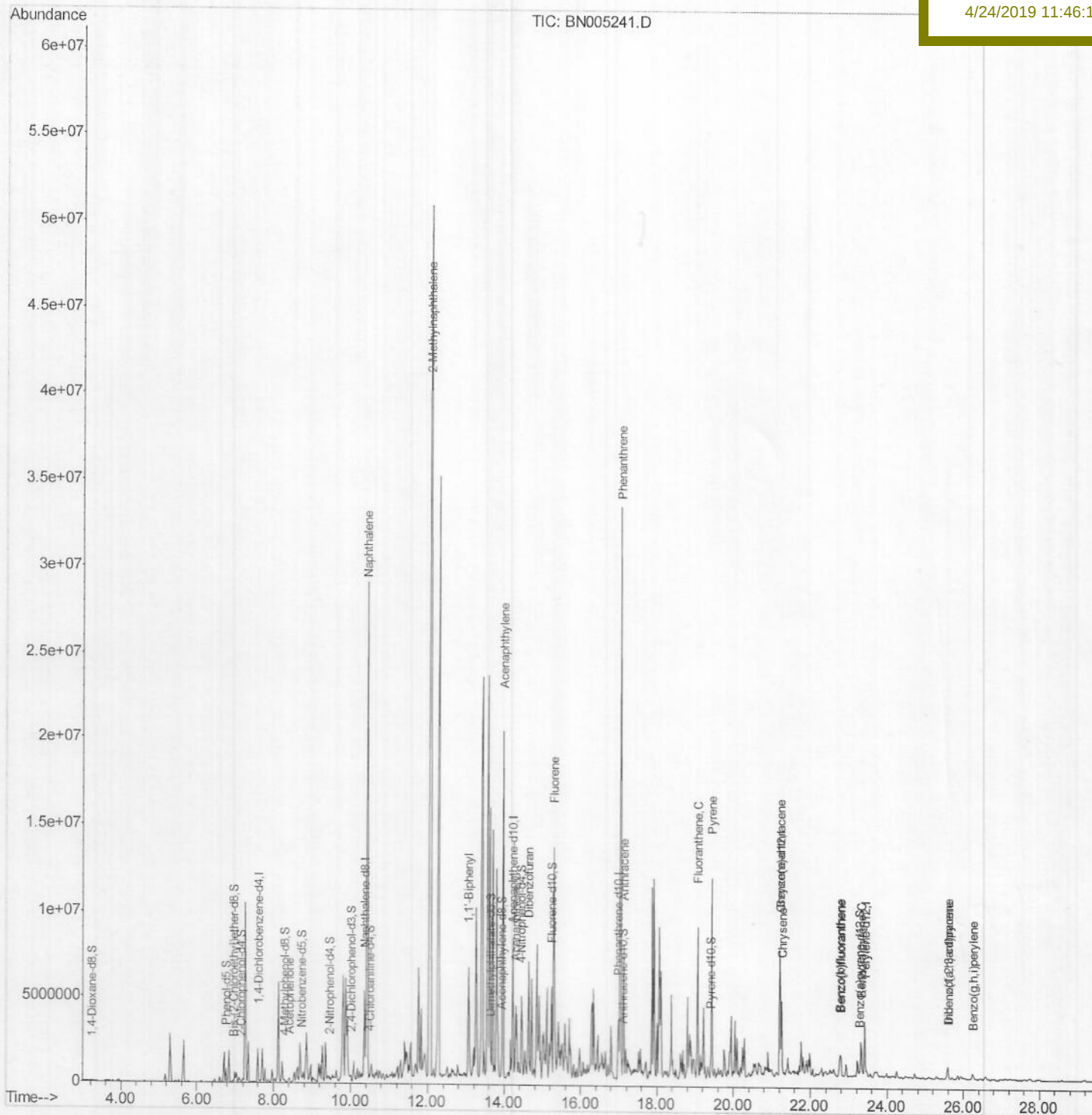
Client Sampled :

GAHR1

Manual Integrations
APPROVED

Sohil

4/24/2019 11:46:15 AM



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN042319\

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BNA_N

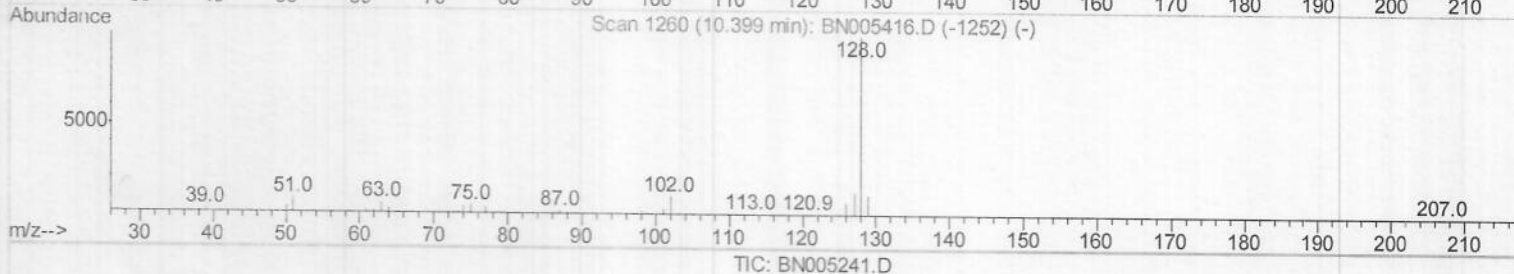
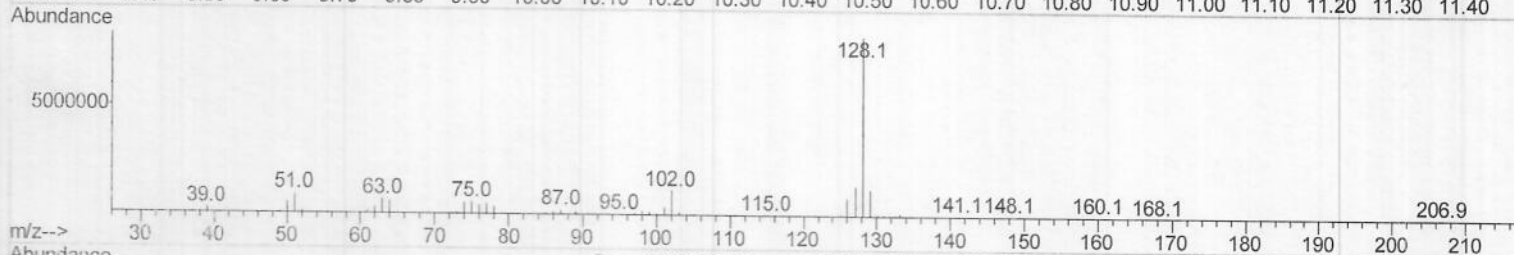
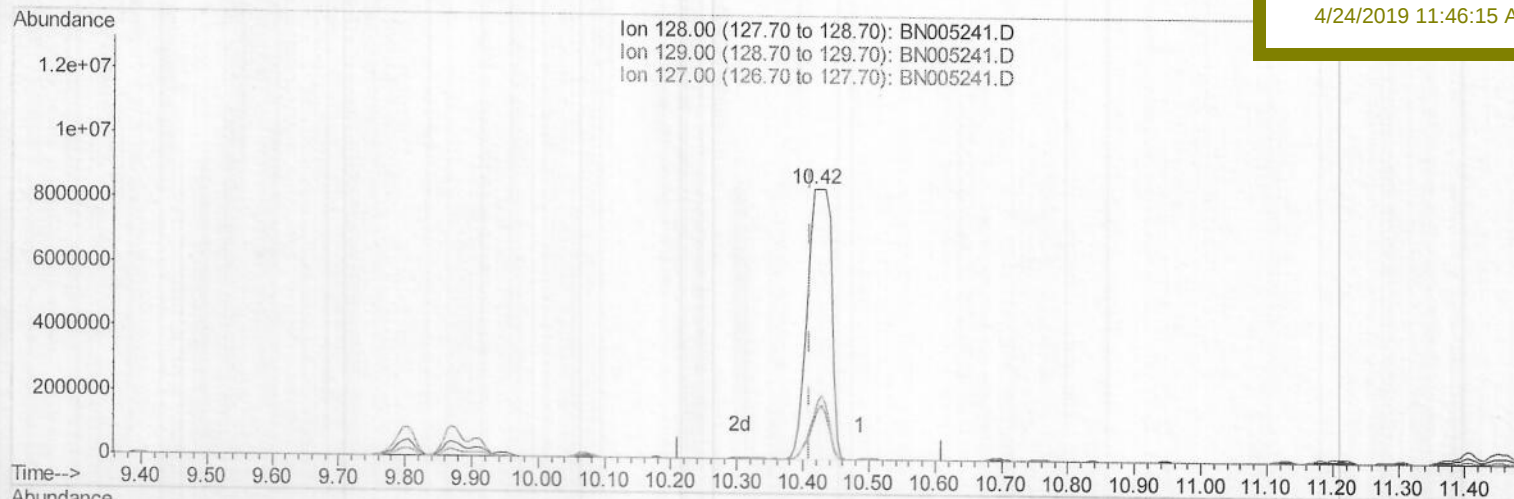
ClientSampleId :

GAHR1

Manual Integrations
APPROVED

Sohil

4/24/2019 11:46:15 AM



(28) Naphthalene

10.416min (+0.006) 241.79ng/ul m

response 21072431

Ion Exp% Act%

128.00 100 100

129.00 11.50 14.34#

127.00 13.40 16.54#

0.00 0.00 0.00

SJ
05/02/19

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN042319\

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Instrument :

BNA_N

ClientSampleId :

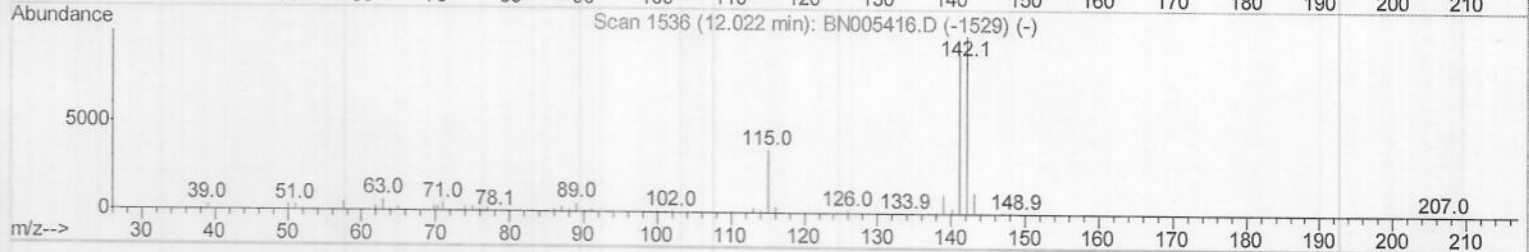
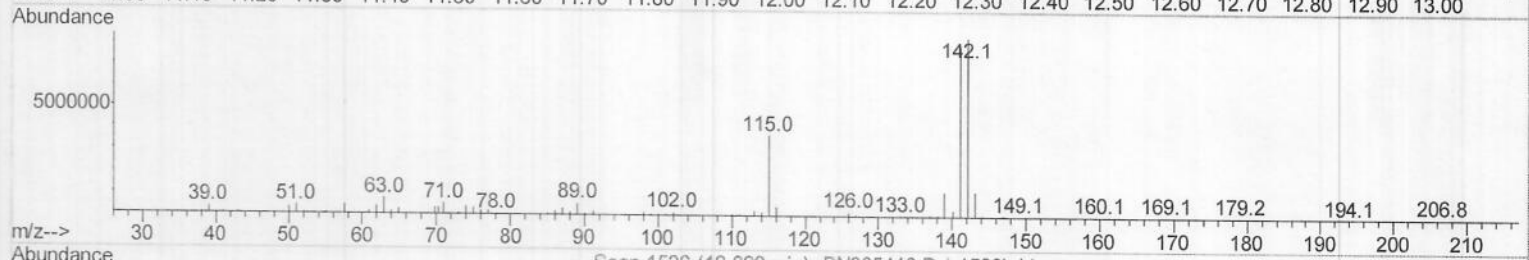
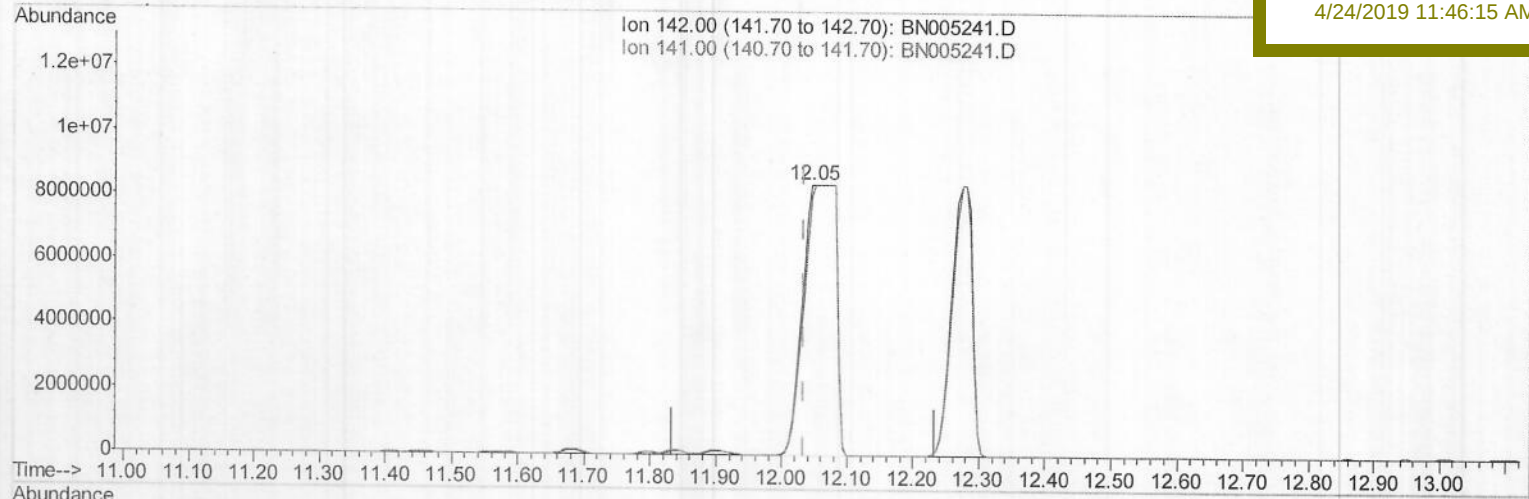
GAHR1

Manual Integrations

APPROVED

Sohil

4/24/2019 11:46:15 AM



TIC: BN005241.D

(34) 2-Methylnaphthalene

12.046min (+0.012) 456.41ng/ul m

response 29124514

Ion Exp% Act%

142.00 100 100

141.00 90.00 95.90

0.00 0.00 0.00

0.00 0.00 0.00

57
05/02/19

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN042319\

Data File : BN005241.D

Acq On : 24 Apr 2019 07:09

Operator : JU/SJ

Sample : K2455-11 10X

Misc :

ALS Vial : 30 Sample Multiplier: 1

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Instrument :

BNA_N

ClientSampleId :

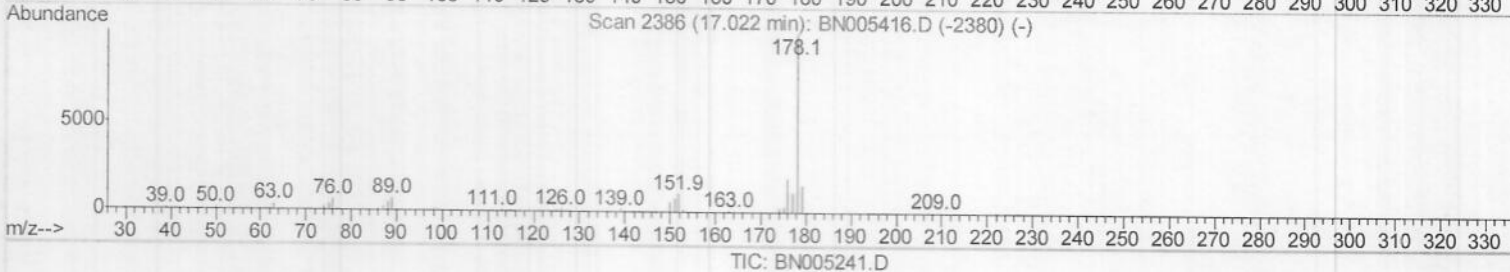
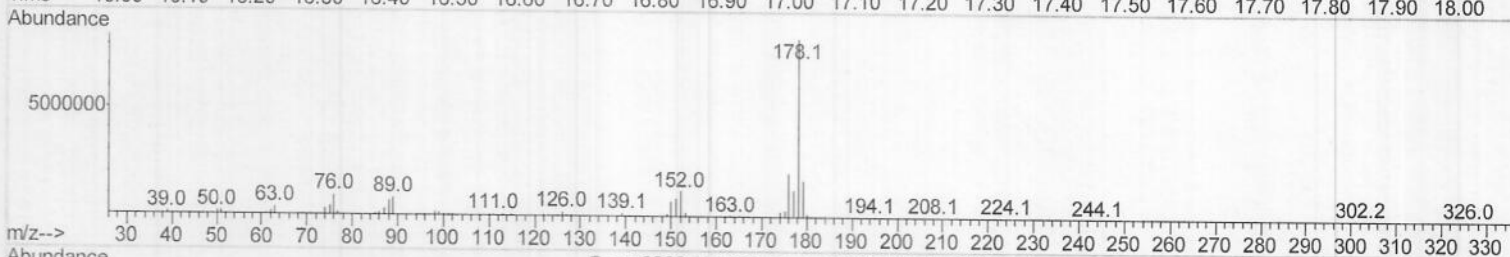
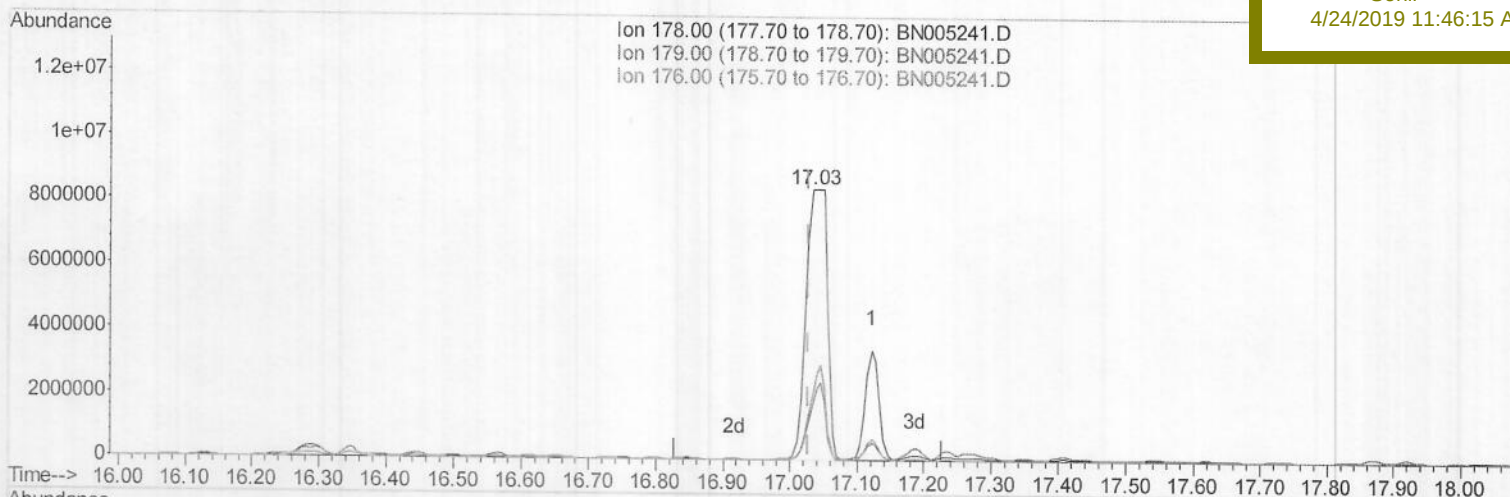
GAHR1

Manual Integrations

APPROVED

Sohil

4/24/2019 11:46:15 AM



(69) Phenanthrene

17.034min (+0.006) 168.07ng/ul m

response 18427486

Ion Exp% Act%

178.00 100 100

179.00 15.30 20.73#

176.00 18.90 24.58#

0.00 0.00 0.00

SJ
05/02/19

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Instrument :

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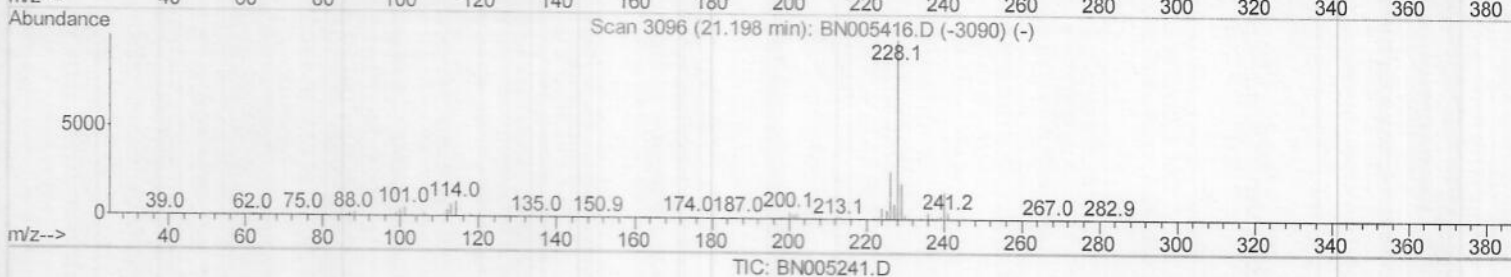
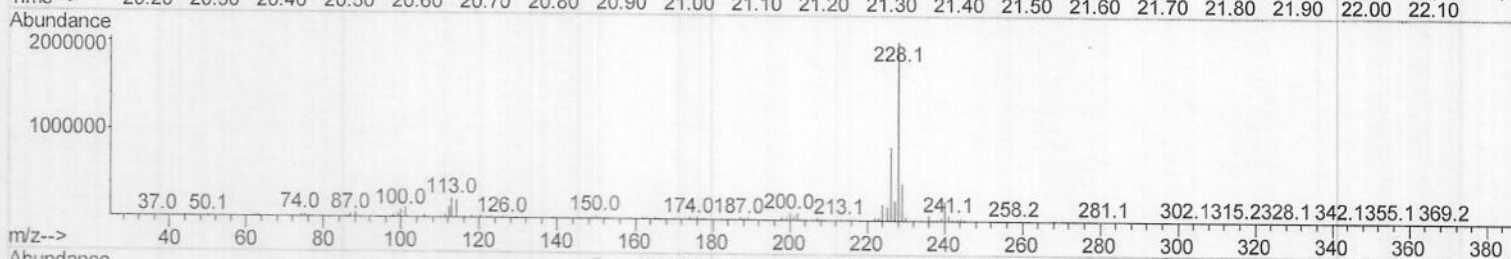
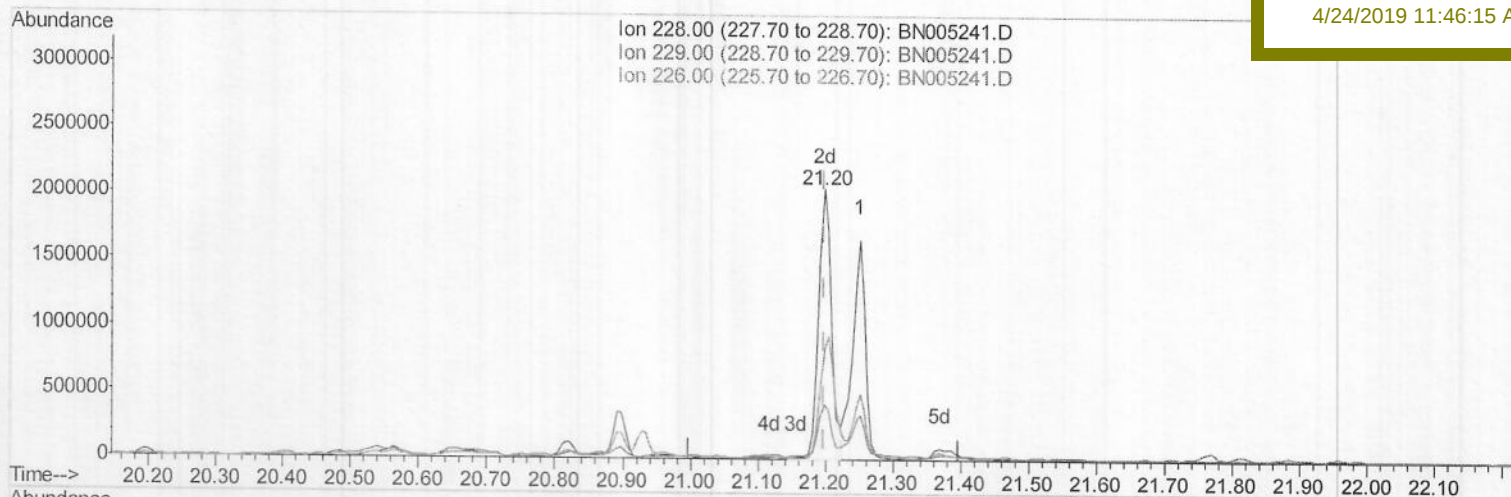
ClientSampleId :

GAHR1

Manual Integrations
APPROVED

Sohil

4/24/2019 11:46:15 AM



(82) Benzo(a)anthracene

21.198min (+0.000) 22.34ng/ul m

response 2717998

Ion Exp% Act%

228.00 100 100

229.00 19.70 20.43

226.00 26.80 41.01#

0.00 0.00 0.00

SJ
05/02/19

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Misc :

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QLast Update : Tue Apr 23 03:50:45 2019

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Instrument :

BNA_N

ClientSampleId :

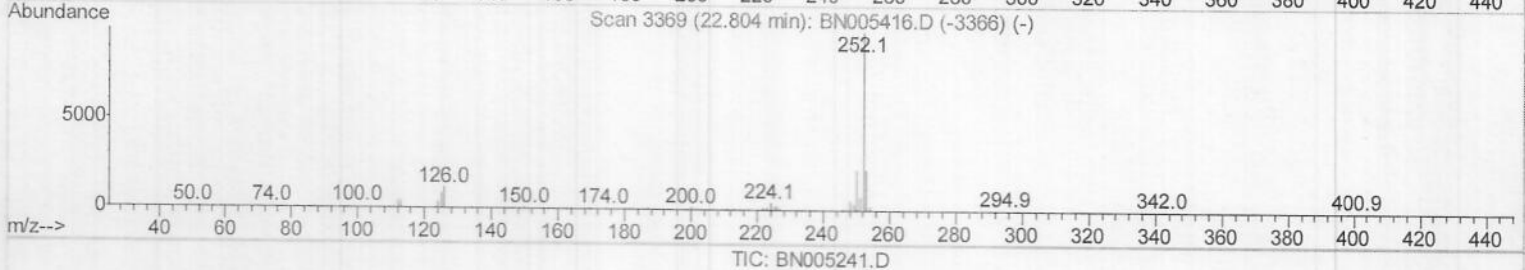
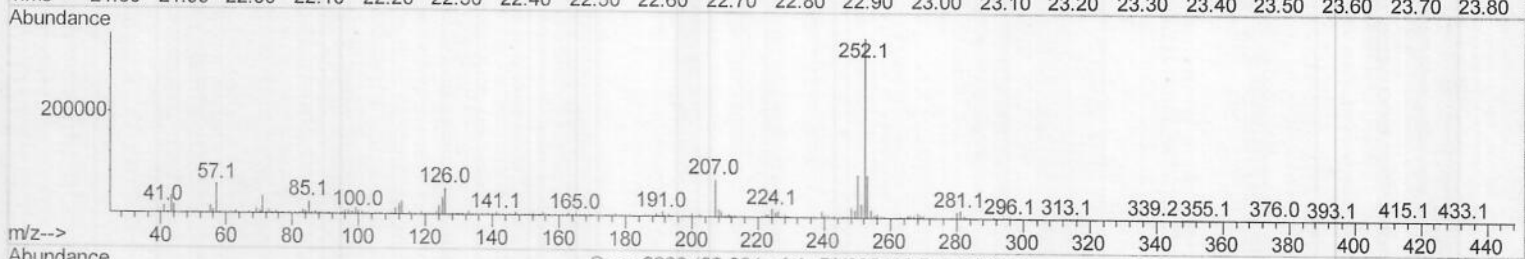
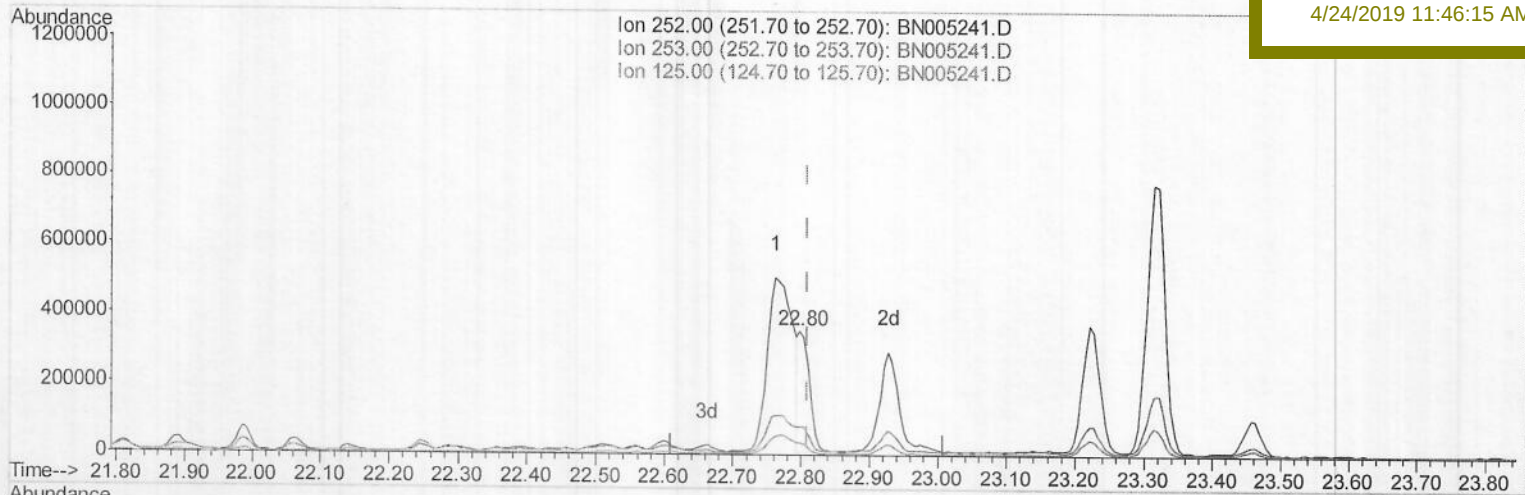
GAHR1

Manual Integrations

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Sohil

4/24/2019 11:46:15 AM



(88) Benzo(k)fluoranthene

22.798min (-0.012) 3.36ng/ul m

response 395003

Ion Exp% Act%

252.00 100 100

253.00 21.70 23.28

125.00 9.40 10.01

0.00 0.00 0.00

SJ
05/02/19

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN042319\

Data File : BN005241.D

Acq On : 24 Apr 2019 07:09

Operator : JU/SJ

Sample : K2455-11 10X

Misc :

ALS Vial : 30 Sample Multiplier: 1

Quant Time: May 06 01:53:18 2019

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

Quant Title : SVOA CALIBRATION

QLast Update : Fri May 03 03:02:31 2019

Response via : Initial Calibration

Instrument :

BNA_N

ClientSampleId :

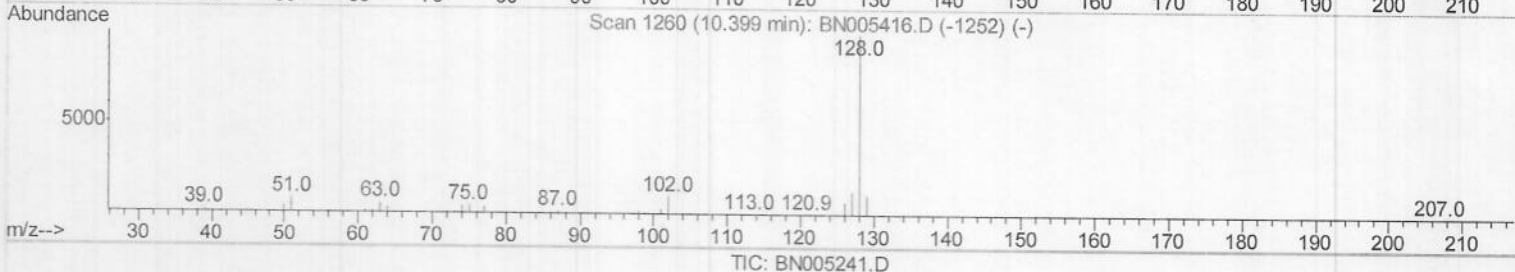
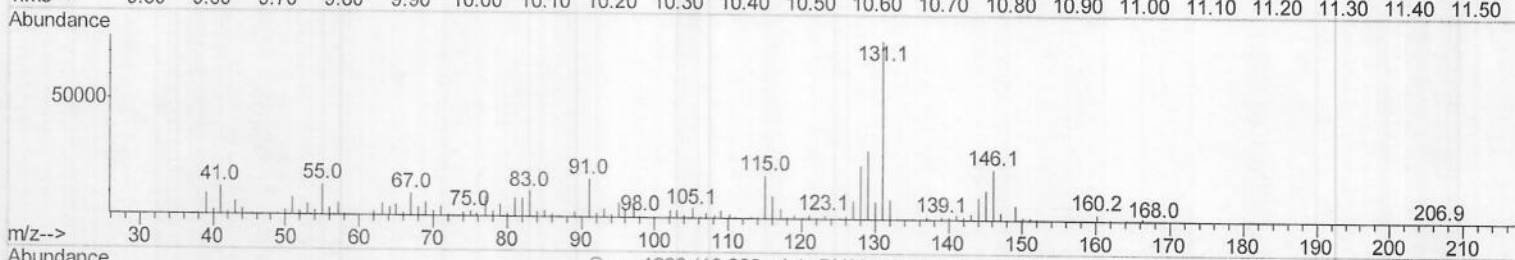
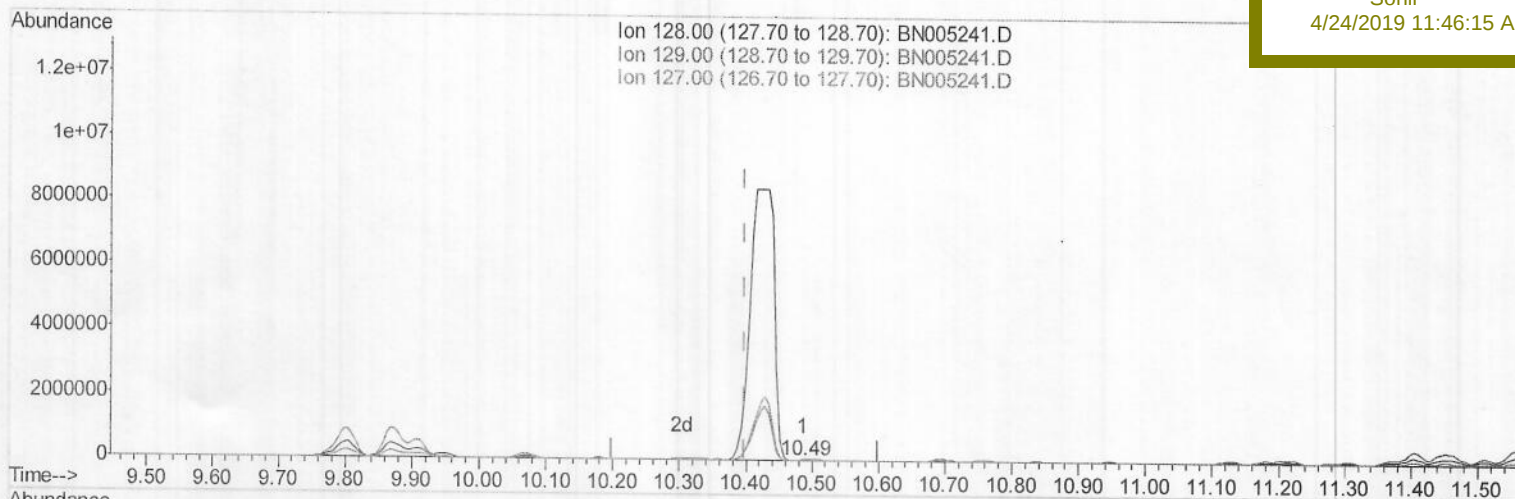
GAHR1

Manual Integrations

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Sohil

4/24/2019 11:46:15 AM



(28) Naphthalene

10.487min (+0.088) 0.60ng/ul

response 52215

Ion	Exp%	Act%
128.00	100	100
129.00	11.50	127.49#
127.00	13.40	34.40#
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN042319\

Data File : BN005241.D

Acq On : 24 Apr 2019 07:09

Operator : JU/SJ

Sample : K2455-11 10X

Misc :

ALS Vial : 30 Sample Multiplier: 1

Quant Time: May 06 01:53:18 2019

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

Quant Title : SVOA CALIBRATION

QLast Update : Fri May 03 03:02:31 2019

Response via : Initial Calibration

Instrument :

BNA_N

ClientSampleId :

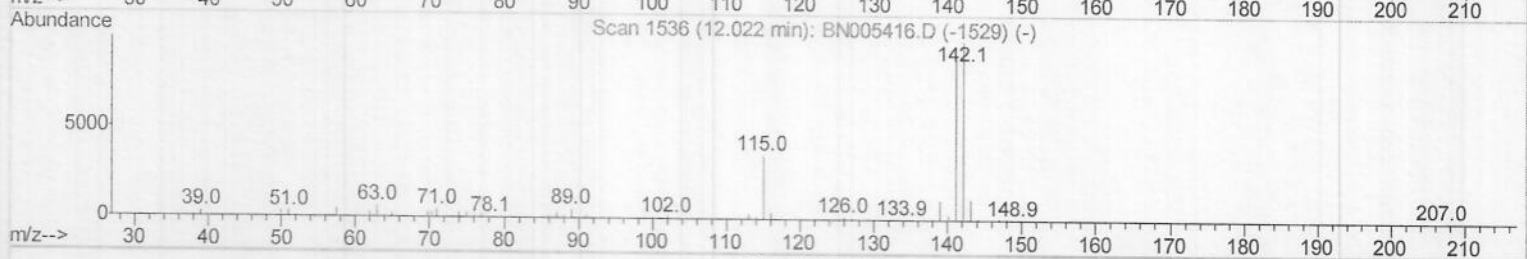
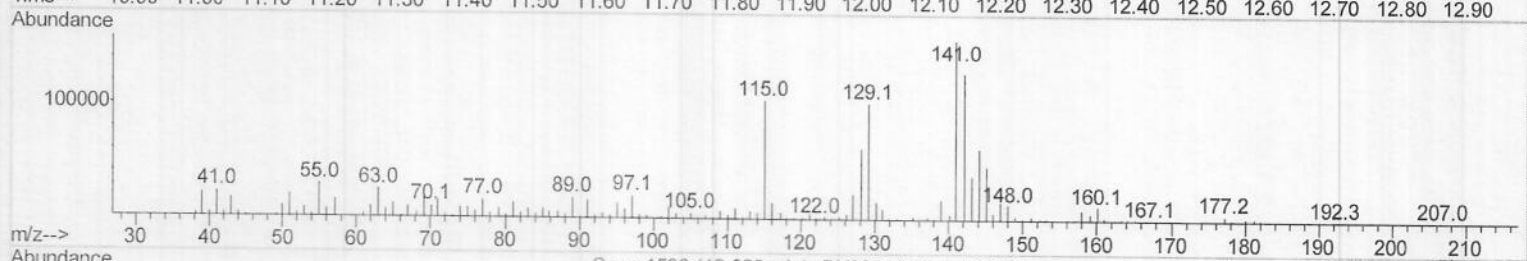
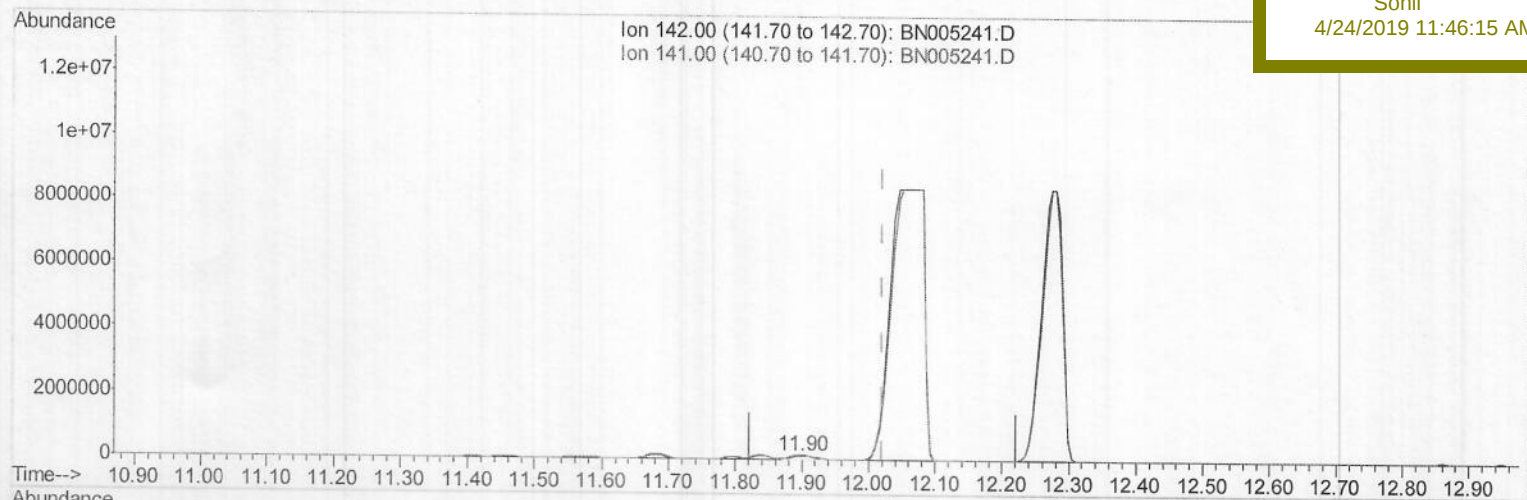
GAHR1

Manual Integrations

APPROVED

Sohil

4/24/2019 11:46:15 AM



(34) 2-Methylnaphthalene

11.899min (-0.123) 4.60ng/ul

response 293701

Ion	Exp%	Act%
142.00	100	100
141.00	90.00	122.25#
0.00	0.00	0.00
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN042319\

Data File : BN005241.D

Acq On : 24 Apr 2019 07:09

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Sample : K2455-11 10X

Misc :

ALS Vial : 30 Sample Multiplier: 1

Quant Time: May 06 01:53:18 2019

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

Quant Title : SVOA CALIBRATION

QLast Update : Fri May 03 03:02:31 2019

Response via : Initial Calibration

Instrument :

BNA_N

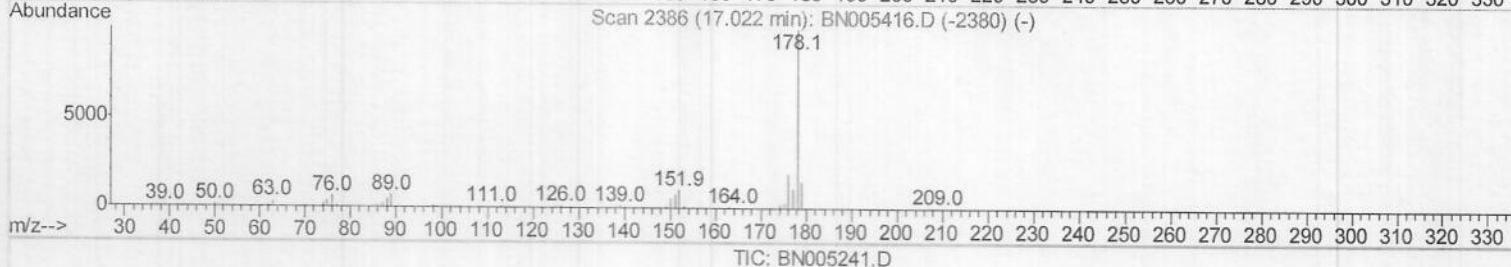
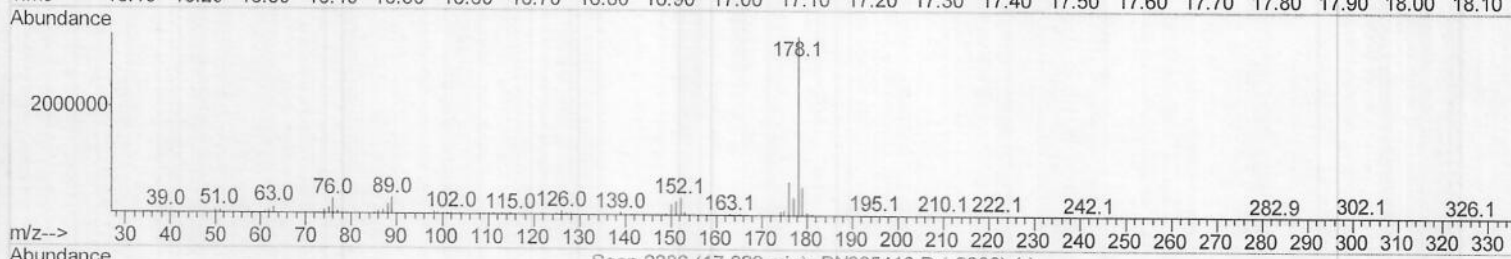
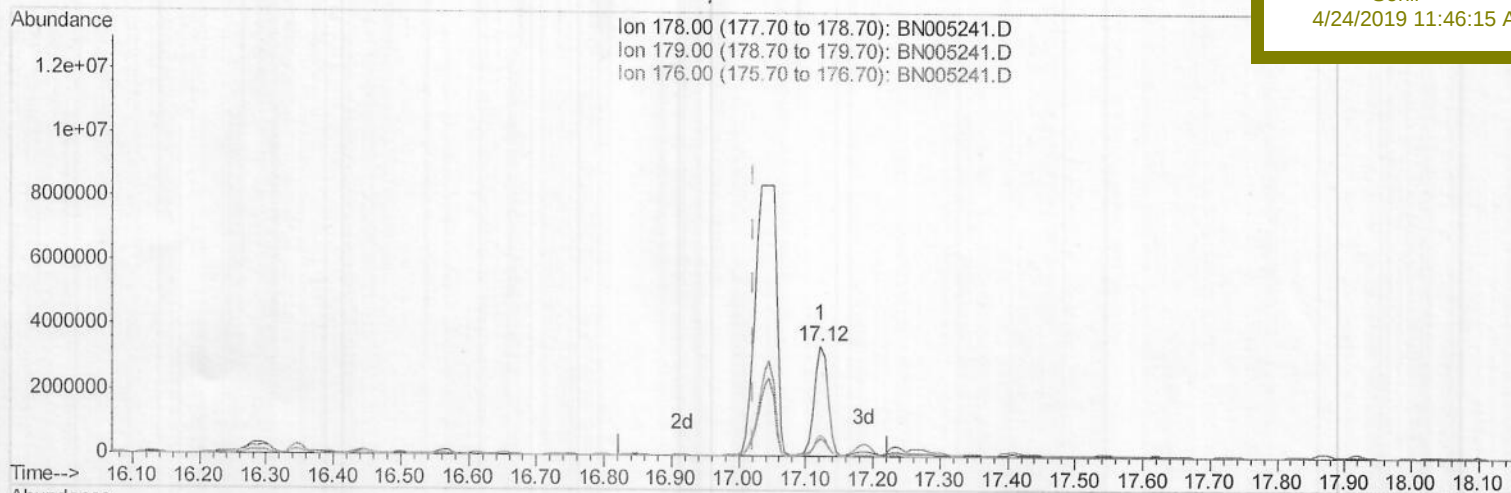
ClientSampleId :

GAHR1

Manual Integrations
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Sohil

4/24/2019 11:46:15 AM



(69) Phenanthrene

17.122min (+0.100) 42.84ng/ul

response 4697273

Ion	Exp%	Act%
178.00	100	100
179.00	15.30	15.98
176.00	18.90	18.66
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN042319\
Data File : BN005241.D
Acq On : 24 Apr 2019 07:09
Operator : JU/SJ
Sample : K2455-11 10X
Misc :
ALS Vial : 30 Sample Multiplier: 1

Quant Time: May 06 01:53:18 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri May 03 03:02:31 2019
Response via : Initial Calibration

Instrument :

BNA_N

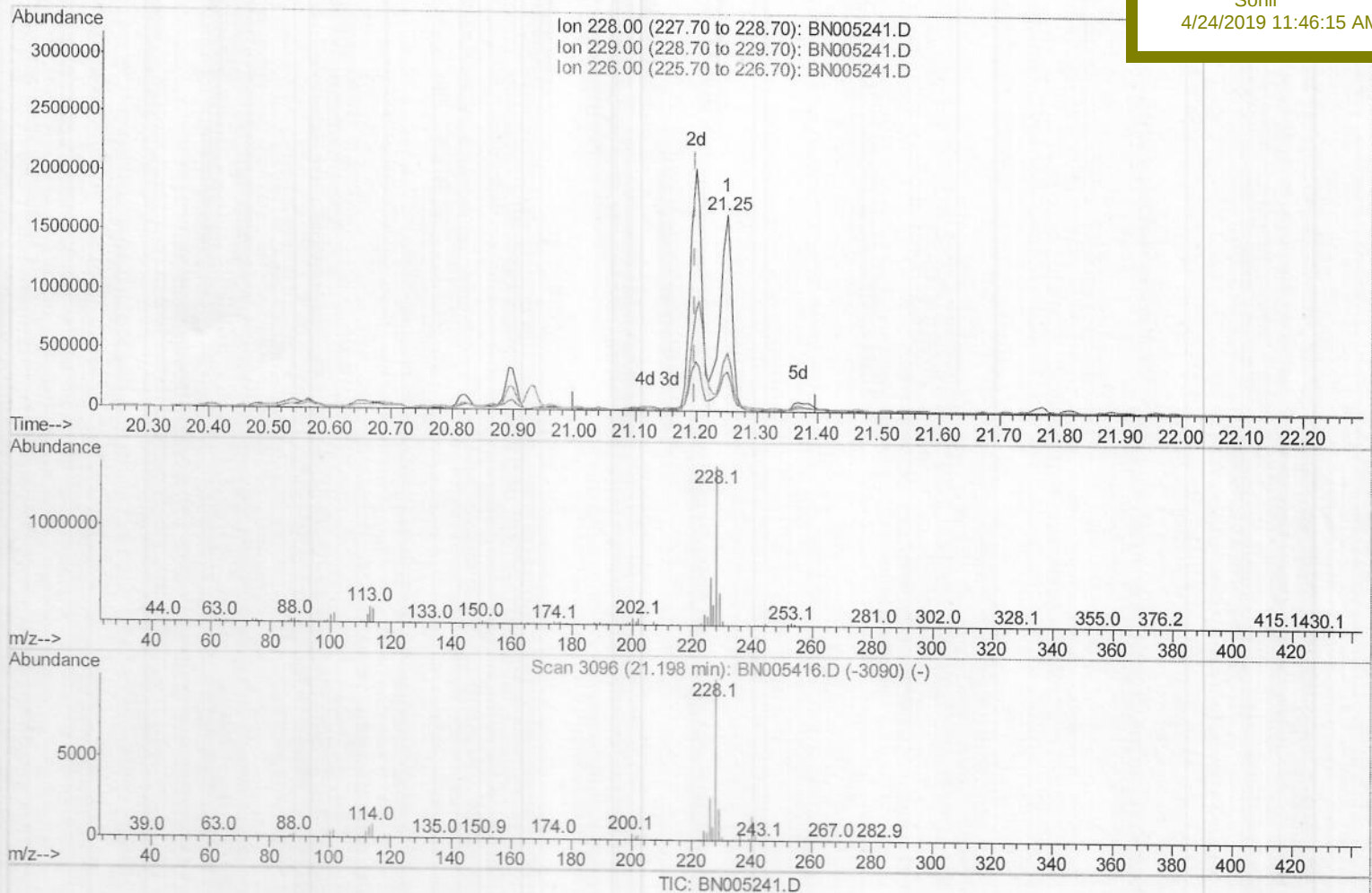
ClientSampleId :

GAHR1

Manual Integrations
APPROVED

Sohil

4/24/2019 11:46:15 AM



(82) Benzo(a)anthracene

21.251min (+0.053) 18.17ng/ul

response 2207168

Ion	Exp%	Act%
228.00	100	100
229.00	19.70	20.48
226.00	26.80	30.01
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN042319\

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Acq On : 24 Apr 2019 07:09

Operator : JU/SJ

Sample : K2455-11 10X

Misc :

ALS Vial : 30 Sample Multiplier: 1

Quant Time: May 06 01:53:18 2019

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

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Response via : Initial Calibration

Instrument :

BNA_N

ClientSampleId :

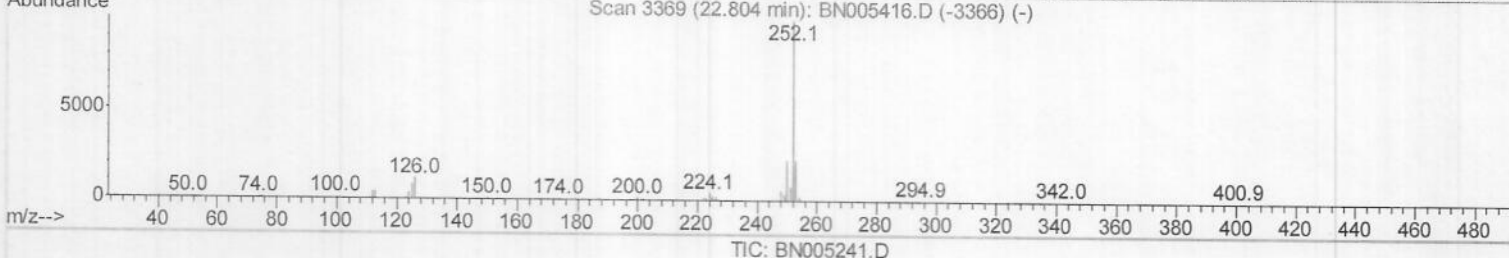
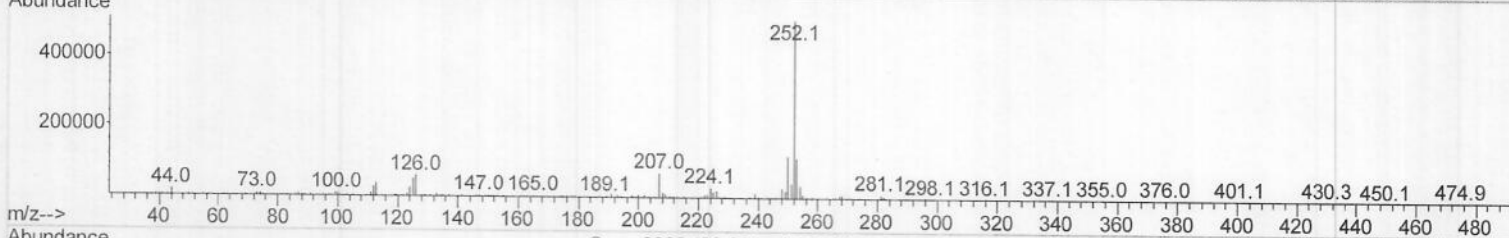
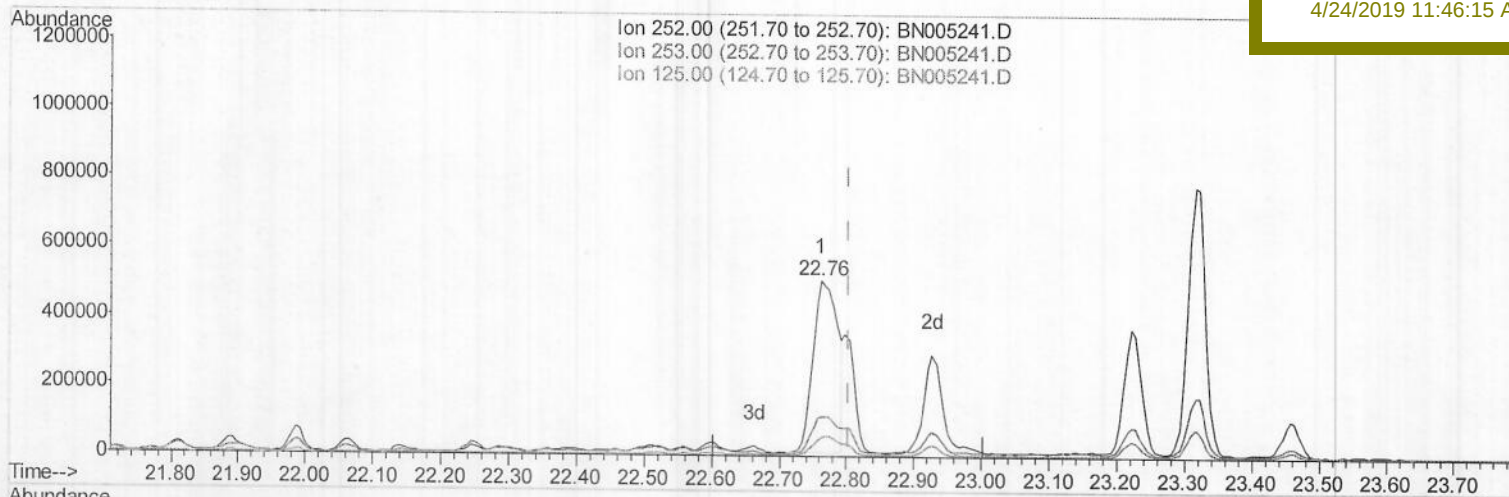
GAHR1

Manual Integrations

APPROVED

Sohil

4/24/2019 11:46:15 AM



TIC: BN005241.D

(88) Benzo(k)fluoranthene

22.763min (-0.041) 10.82ng/ul

response 1270989

Ion	Exp%	Act%
252.00	100	100
253.00	21.70	22.40
125.00	9.40	10.34
0.00	0.00	0.00

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Manual Integrations
APPROVEDSohil
4/24/2019 11:46:15 AM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.60	152	480809	20.00	ng/ul	0.00
18) Naphthalene-d8	10.36	136	1874666	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.23	164	1115135	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.99	188	2251253	20.00	ng/ul	0.00
77) Chrysene-d12	21.22	240	1955888	20.00	ng/ul	0.00
85) Perylene-d12	23.42	264	2187167	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.22	96	11823	1.19	ng/uL	0.00
5) Phenol-d5	6.78	99	59386	1.57	ng/ul	0.00
7) Bis-(2-Chloroethyl) ether-d	6.95	67	43850	1.86	ng/ul	0.00
9) 2-Chlorophenol-d4	7.13	132	50690	1.75	ng/ul	0.00
13) 4-Methylphenol-d8	8.29	113	35734	1.21	ng/ul	0.00
19) Nitrobenzene-d5	8.72	128	72303	6.27	ng/ul	-0.02
22) 2-Nitrophenol-d4	9.45	143	22597	1.93	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.99	165	49046	1.83	ng/ul	0.00
29) 4-Chloroaniline-d4	10.48	131	124277	4.49	ng/ul	-0.02
43) Dimethylphthalate-d6	13.65	166	184670	2.28	ng/ul	0.00
46) Acenaphthylene-d8	13.93	160	201779	2.03	ng/ul	0.00
51) 4-Nitrophenol-d4	14.44	143	38569	3.02	ng/ul	0.00
57) Fluorene-d10	15.23	176	150569	2.22	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.36	200	1770	0.17	ng/ul	0.01
70) Anthracene-d10	17.09	188	212834	2.26	ng/ul	0.00
78) Pyrene-d10	19.40	212	221882	2.22	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.27	264	208236	2.18	ng/ul	0.00

Target Compounds

						Ovalue
14) Acetophenone	8.40	105	163167	3.454	ng/ul#	65
28) Naphthalene	10.42	128	21072431m	241.795	ng/ul	
34) 2-Methylnaphthalene	12.05	142	29124514m	456.409	ng/ul	
40) 1,1'-Biophenyl	13.06	154	3129124	37.660	ng/ul	99
47) Acenaphthylene	13.96	152	10867642	111.225	ng/ul#	95
49) Acenaphthene	14.30	153	1464045	21.948	ng/ul	98
53) Dibenzofuran	14.63	168	1919272	19.984	ng/ul	95
58) Fluorene	15.29	166	6601092	88.084	ng/ul#	97
69) Phenanthrene	17.03	178	18427486m	168.073	ng/ul	
71) Anthracene	17.12	178	4697273	42.057	ng/ul	99
76) Fluoranthene	19.06	202	4665378	38.363	ng/ul	98
79) Pyrene	19.43	202	7325811	58.172	ng/ul	99
82) Benzo(a)anthracene	21.20	228	2717998m	22.338	ng/ul	
84) Chrysene	21.25	228	2226977	19.721	ng/ul	99
87) Benzo(b)fluoranthene	22.76	252	1270989	10.338	ng/ul	99
88) Benzo(k)fluoranthene	22.80	252	395003m	3.364	ng/ul	
90) Benzo(a)pyrene	23.32	252	1394529	12.067	ng/ul	98
91) Indeno(1,2,3-cd)pyrene	25.59	276	487135	3.813	ng/ul	98
92) Dibenz(a,h)anthracene	25.60	278	184470	1.701	ng/ul	95
93) Benzo(g,h,i)perylene	26.25	276	346531	3.280	ng/ul	97

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