

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN042219\

Data File : BN005195.D

Acq On : 23 Apr 2019 03:55

Operator : JU/SJ

Sample : K2402-06

Misc :

ALS Vial : 31 Sample Multiplier: 1

Quant Time: Apr 23 04:45:09 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

ClientSampleId :

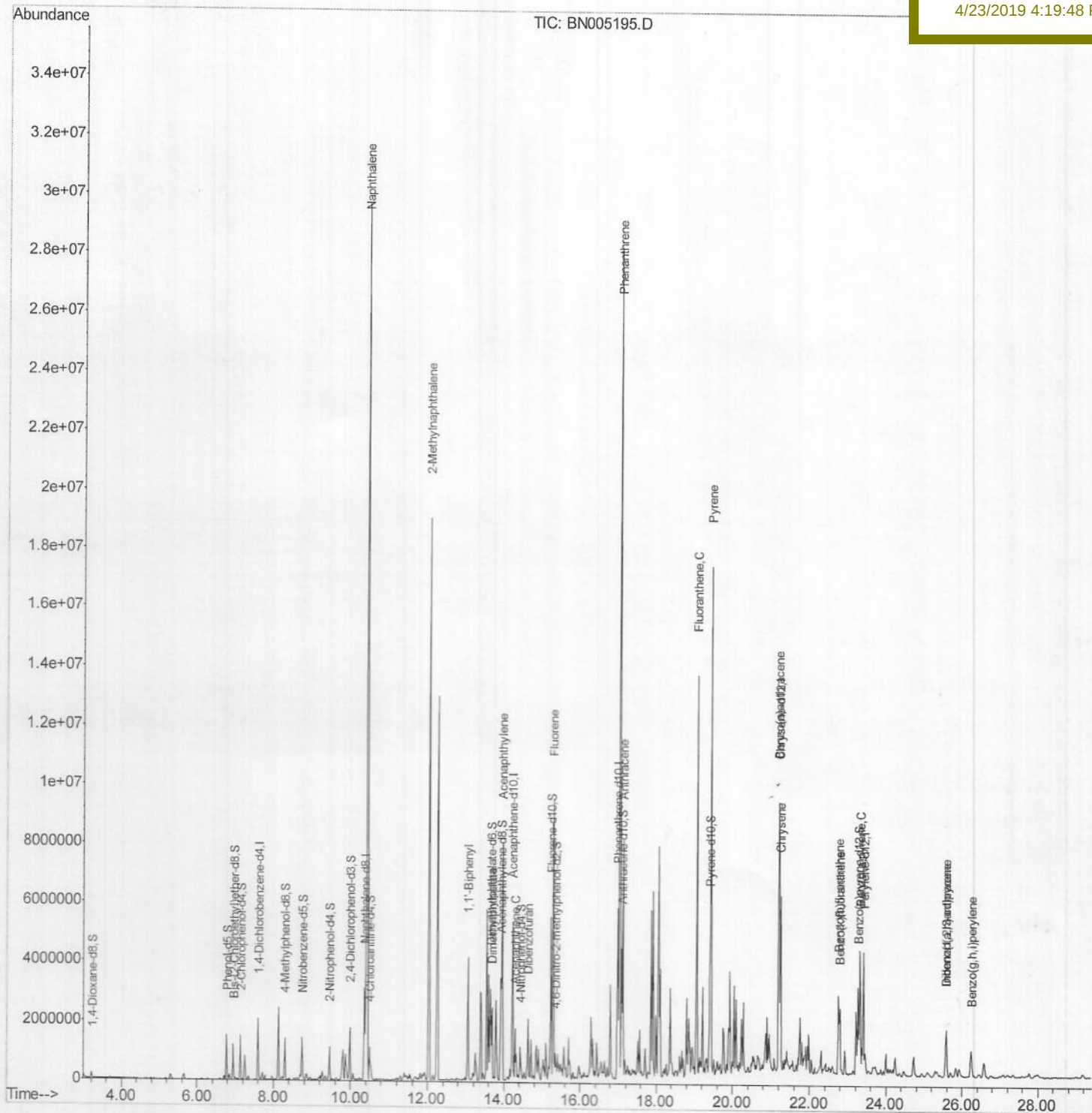
GAHH8

Manual Integrations

APPROVED

Sohil

4/23/2019 4:19:48 PM



Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN042219\

Data File : BN005195.D

Acq On : 23 Apr 2019 03:55

Operator : JU/SJ

Sample : K2402-06

Misc :

ALS Vial : 31 Sample Multiplier: 1

Quant Time: Apr 23 04:41:23 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

ClientSampleId :

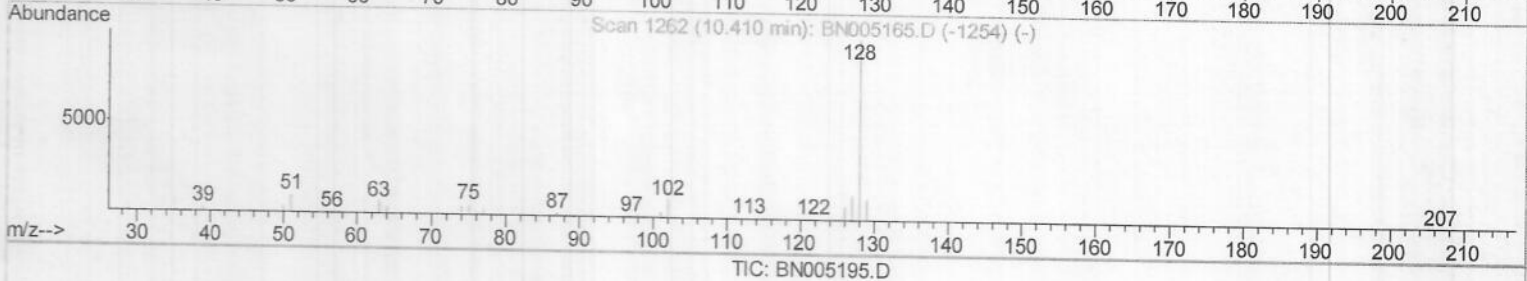
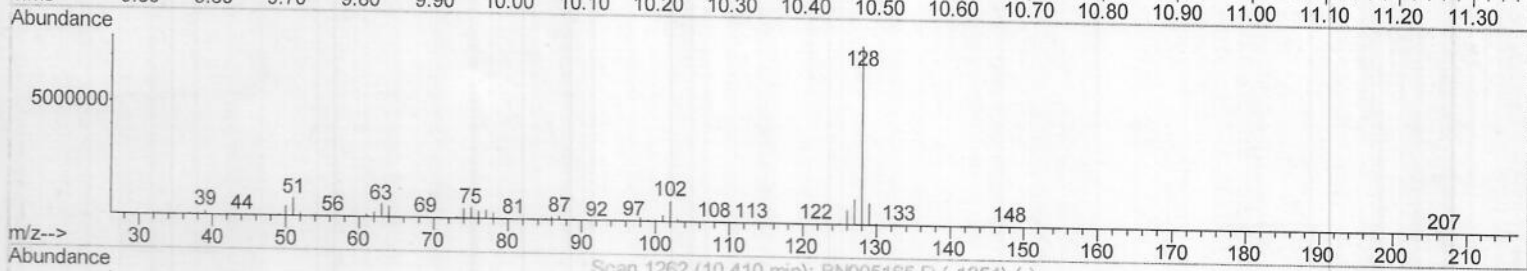
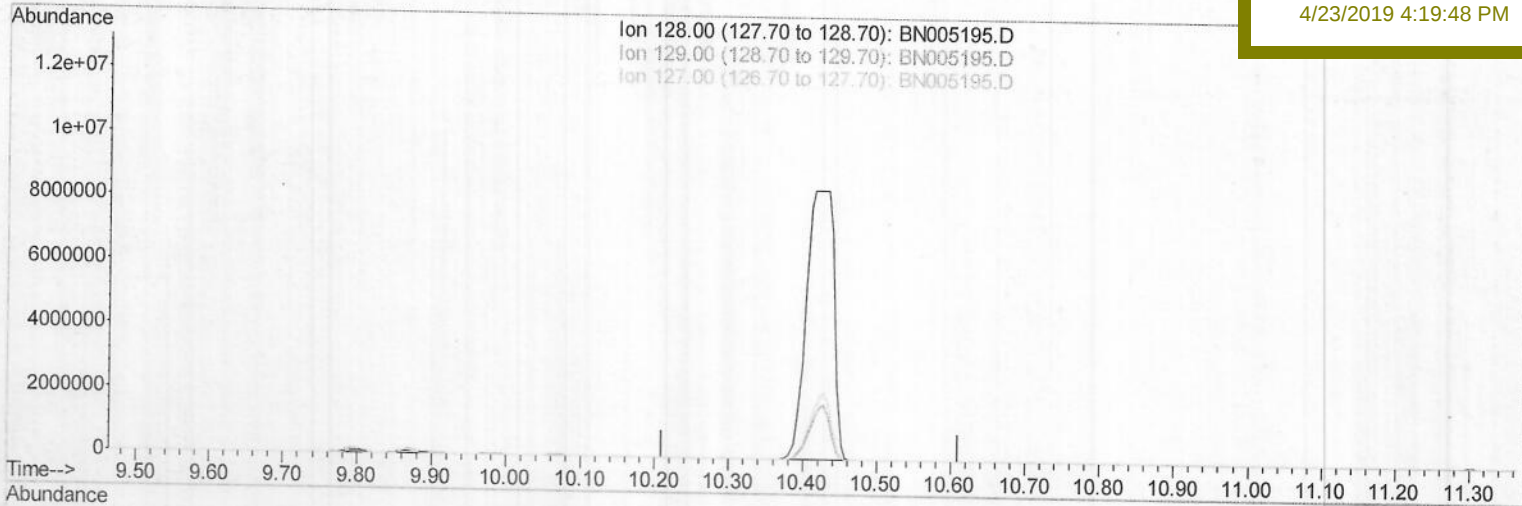
GAHH8

Manual Integrations

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Sohil

4/23/2019 4:19:48 PM



(28) Naphthalene

10.410min (-10.410) 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

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN042219\

Data File : BN005195.D

Acq On : 23 Apr 2019 03:55

Operator : JU/SJ

Sample : K2402-06

Misc :

ALS Vial : 31 Sample Multiplier: 1

Quant Time: Apr 23 04:41:23 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

ClientSampleId :

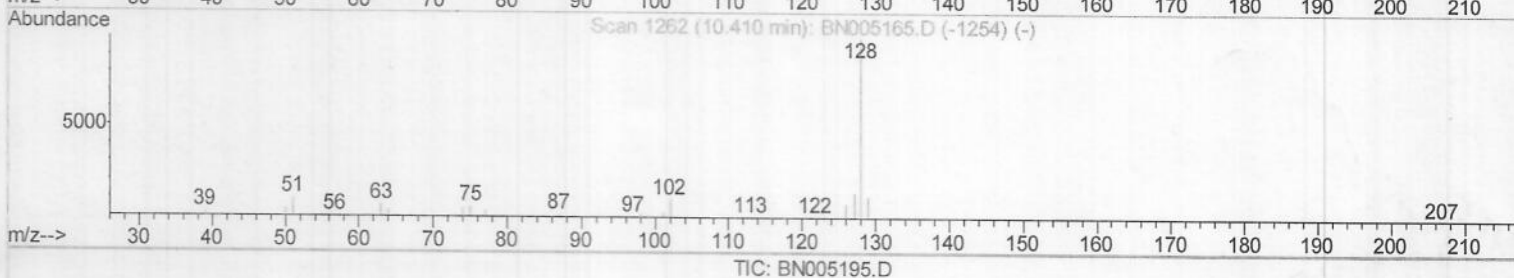
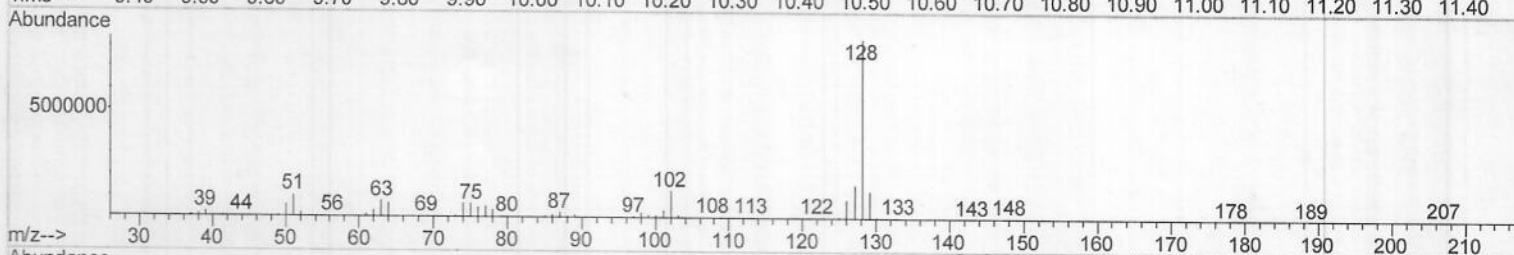
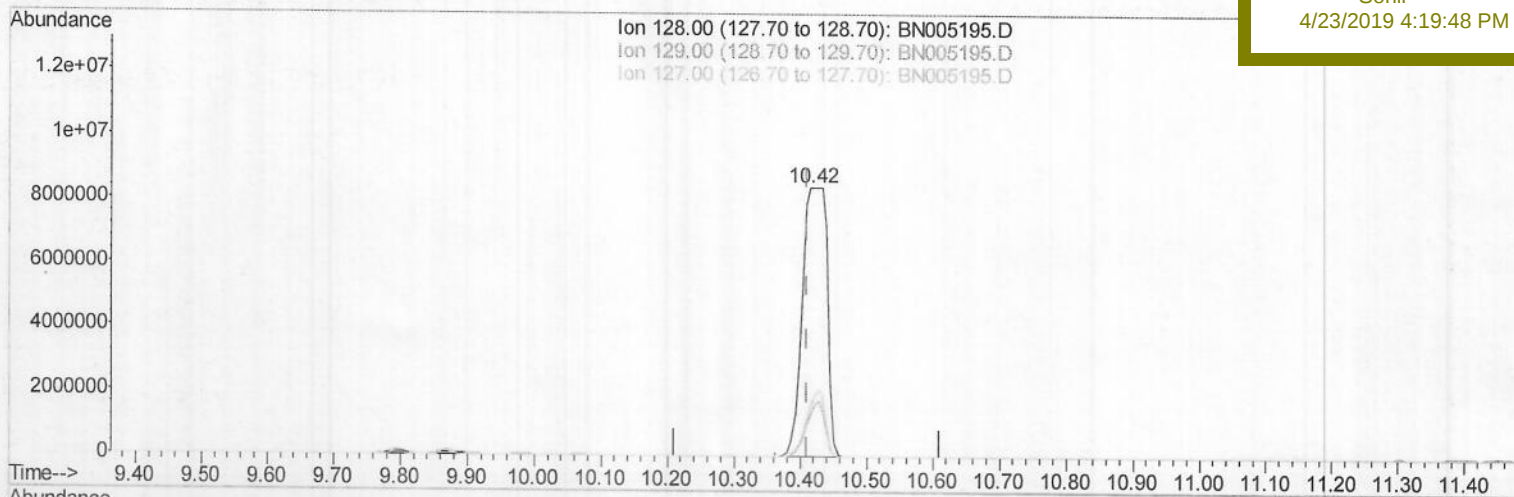
GAHH8

Manual Integrations

APPROVED

Sohil

4/23/2019 4:19:48 PM



TIC: BN005195.D

(28) Naphthalene

10.416min (+0.006) 176.59ng/ui m

response 21706151

Ion	Exp%	Act%
128.00	100	100
129.00	11.50	15.44#
127.00	13.40	18.43#
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN042219\

Data File : BN005195.D

Acq On : 23 Apr 2019 03:55

Operator : JU/SJ

Sample : K2402-06

Misc :

ALS Vial : 31 Sample Multiplier: 1

Quant Time: Apr 23 04:41:23 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

ClientSampleId :

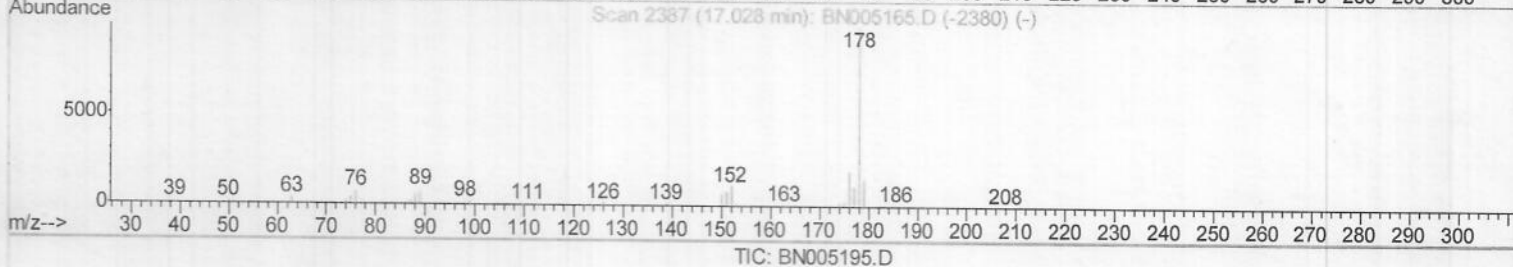
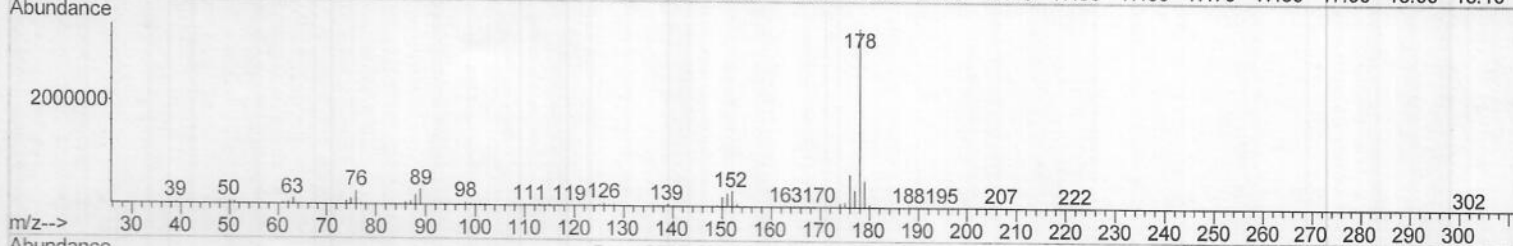
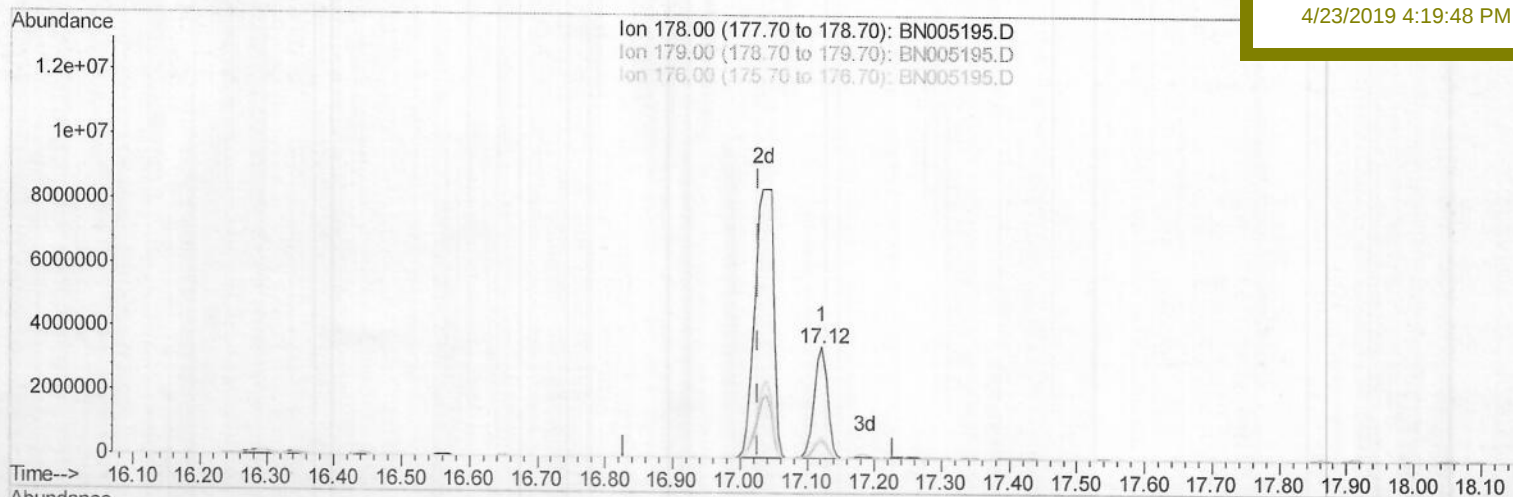
GAHH8

Manual Integrations

APPROVED

Sohil

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(69) Phenanthrene

17.122min (+0.094) 26.67ng/ul

response 4685574

Ion	Exp%	Act%
178.00	100	100
179.00	15.30	15.25
176.00	18.90	18.62
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN042219\

Data File : BN005195.D

Acq On : 23 Apr 2019 03:55

Operator : JU/SJ

Sample : K2402-06

Misc :

ALS Vial : 31 Sample Multiplier: 1

Quant Time: Apr 23 04:41:23 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

ClientSampleId :

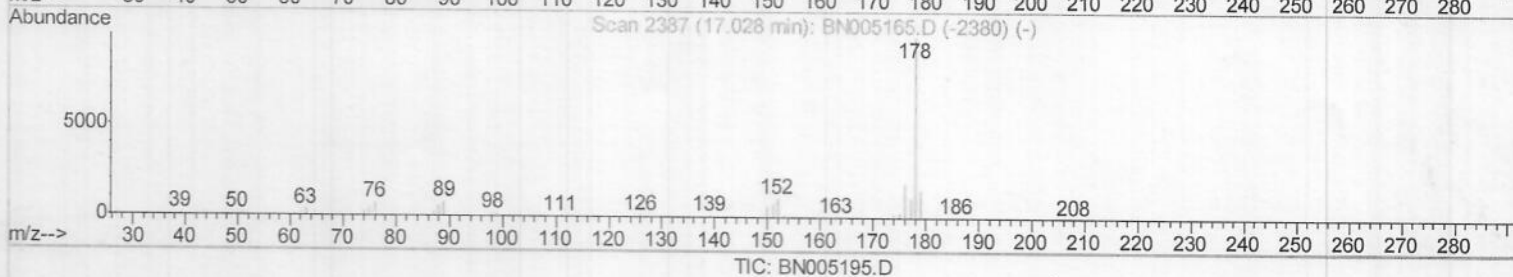
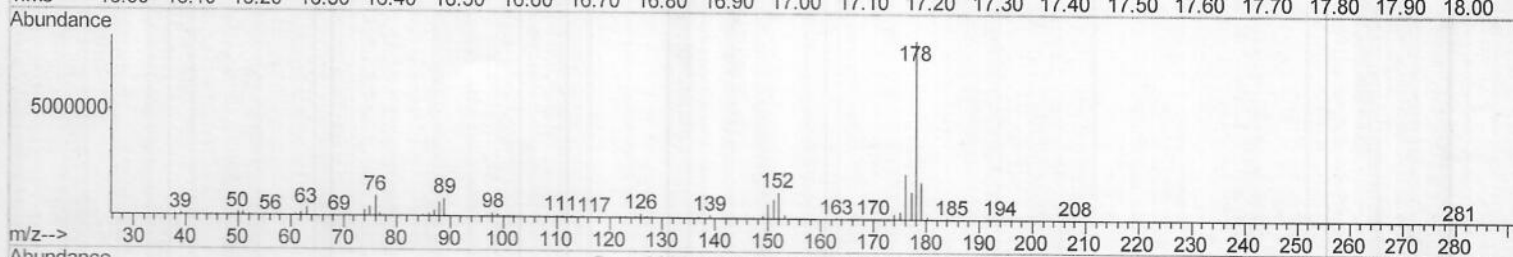
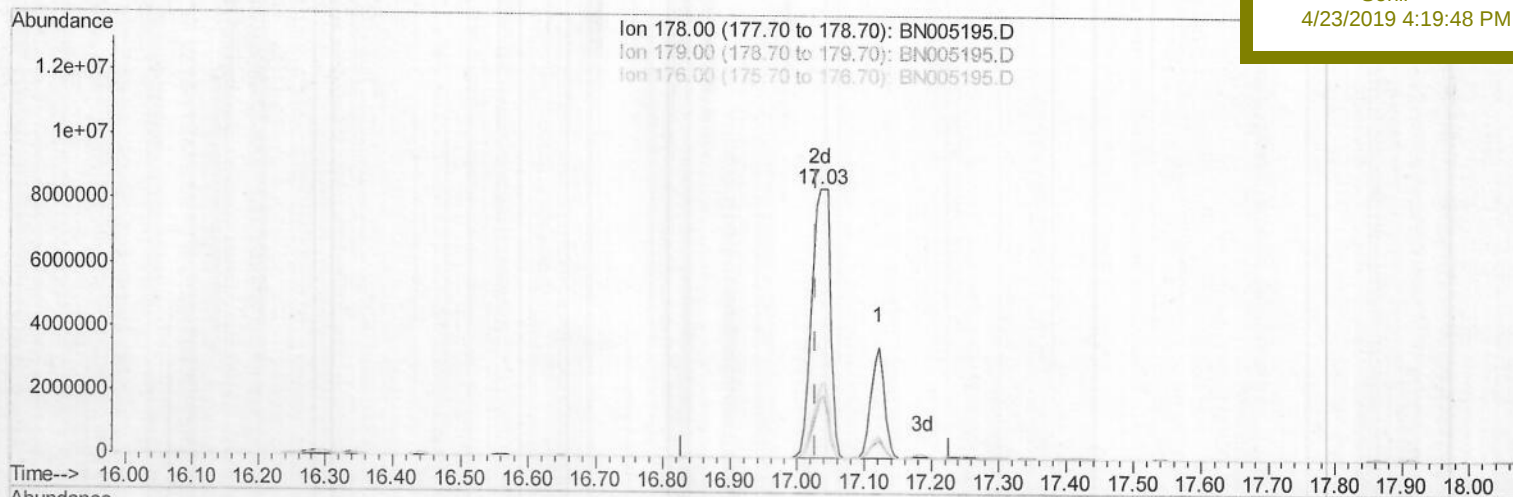
GAHH8

Manual Integrations

APPROVED

Sohil

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(69) Phenanthrene

17.033min (+0.006) 92.86ng/ul m

response 16316427

Ion Exp% Act%

178.00 100 100

179.00 15.30 21.40#

176.00 18.90 26.05#

0.00 0.00 0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN042219\

Data File : BN005195.D

Acq On : 23 Apr 2019 03:55

Operator : JU/SJ

Sample : K2402-06

Misc :

ALS Vial : 31 Sample Multiplier: 1

Quant Time: Apr 23 04:41:23 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

ClientSampleId :

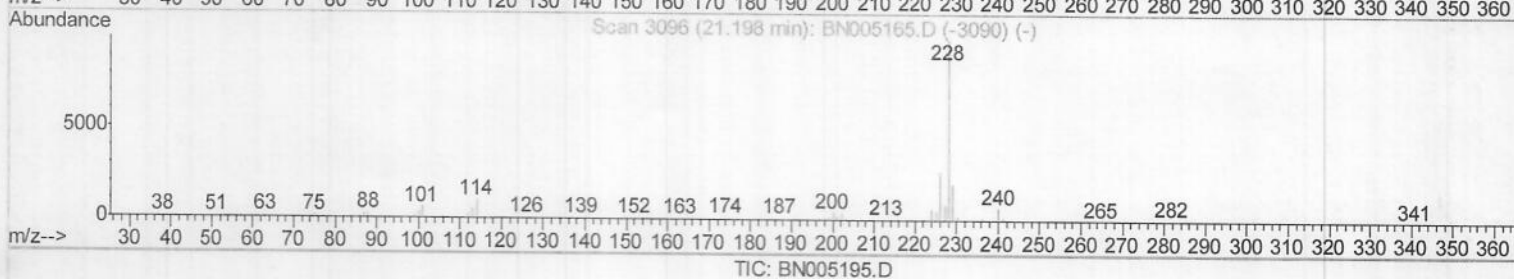
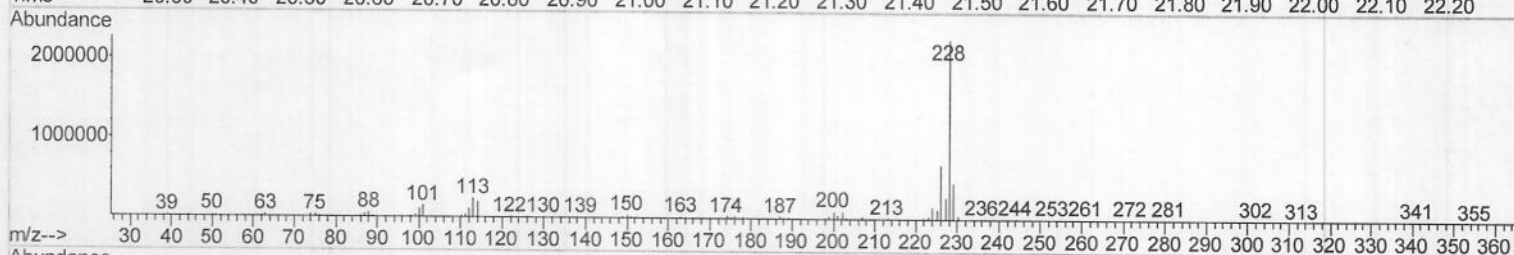
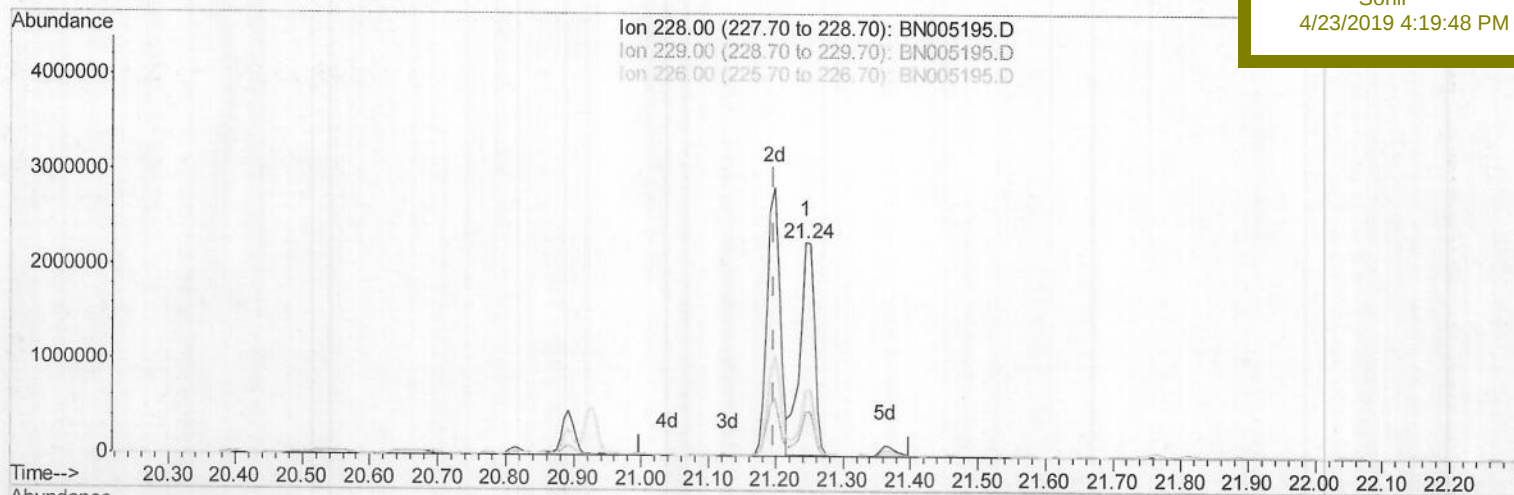
GAHH8

Manual Integrations

APPROVED

Sohil

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(82) Benzo(a)anthracene

21.245min (+0.047) 20.42ng/ul

response 3409955

Ion	Exp%	Act%
228.00	100	100
229.00	19.70	20.47
226.00	26.80	30.55
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN042219\

Data File : BN005195.D

Acq On : 23 Apr 2019 03:55

Operator : JU/SJ

Sample : K2402-06

Misc :

ALS Vial : 31 Sample Multiplier: 1

Quant Time: Apr 23 04:41:23 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

ClientSampleId :

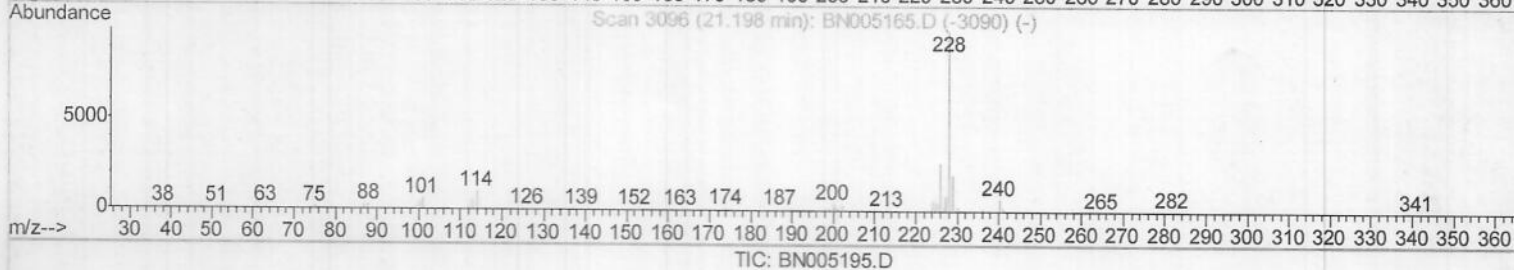
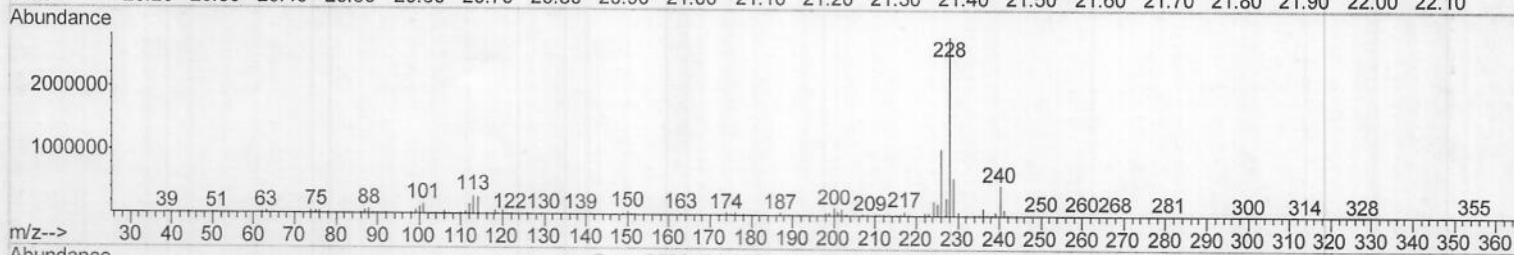
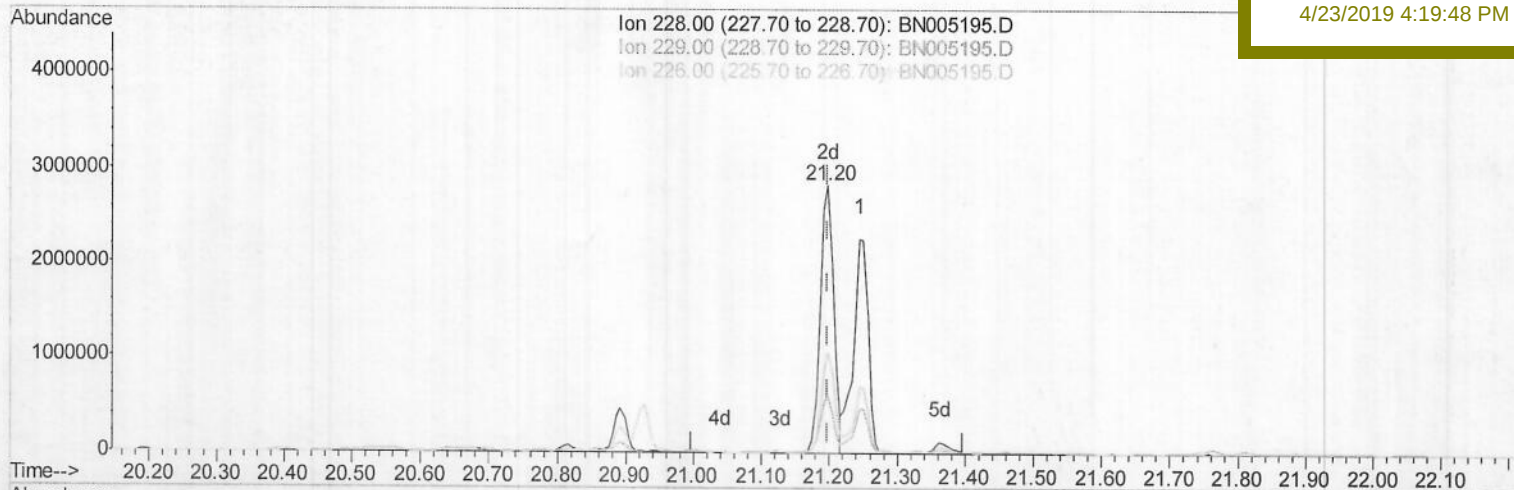
GAHH8

Manual Integrations

APPROVED

Sohil

4/23/2019 4:19:48 PM



(82) Benzo(a)anthracene

21.198min (-0.000) 23.16ng/ul m

response 3867844

Ion	Exp%	Act%
228.00	100	100
229.00	19.70	21.16
226.00	26.80	37.36#
0.00	0.00	0.00

57
04/23/19

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN042219\

Data File : BN005195.D

Acq On : 23 Apr 2019 03:55

Operator : JU/SJ

Sample : K2402-06

Misc :

ALS Vial : 31 Sample Multiplier: 1

Quant Time: Apr 23 04:41:23 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

ClientSampleId :

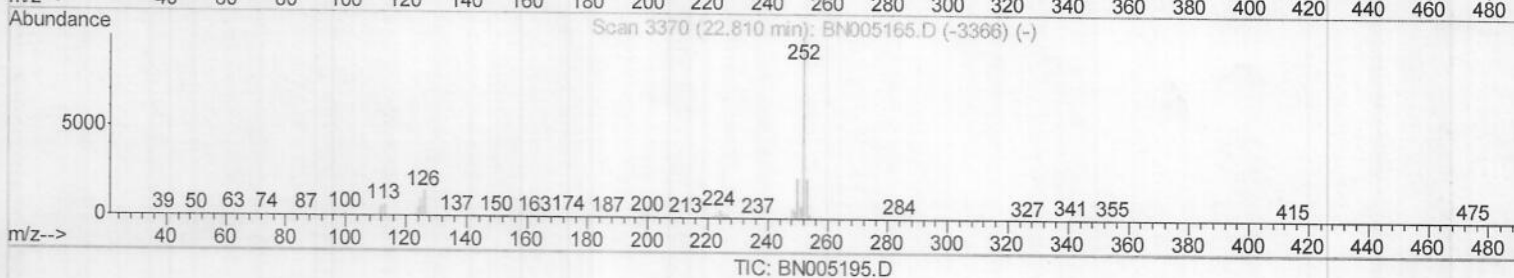
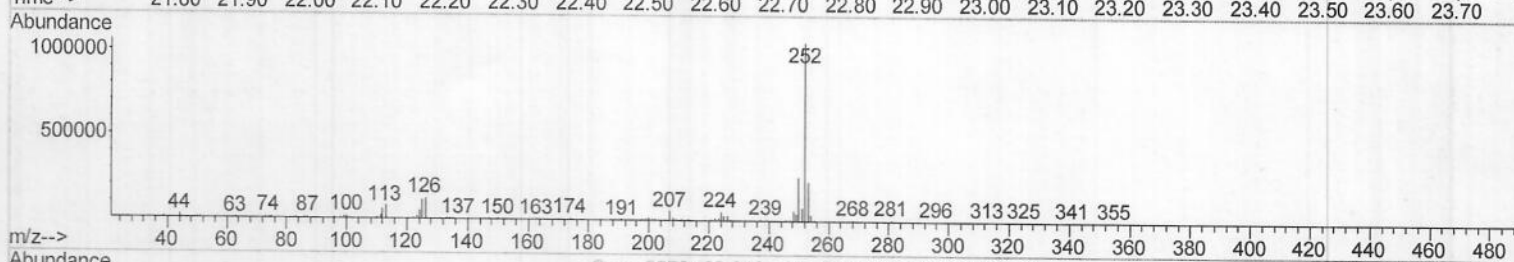
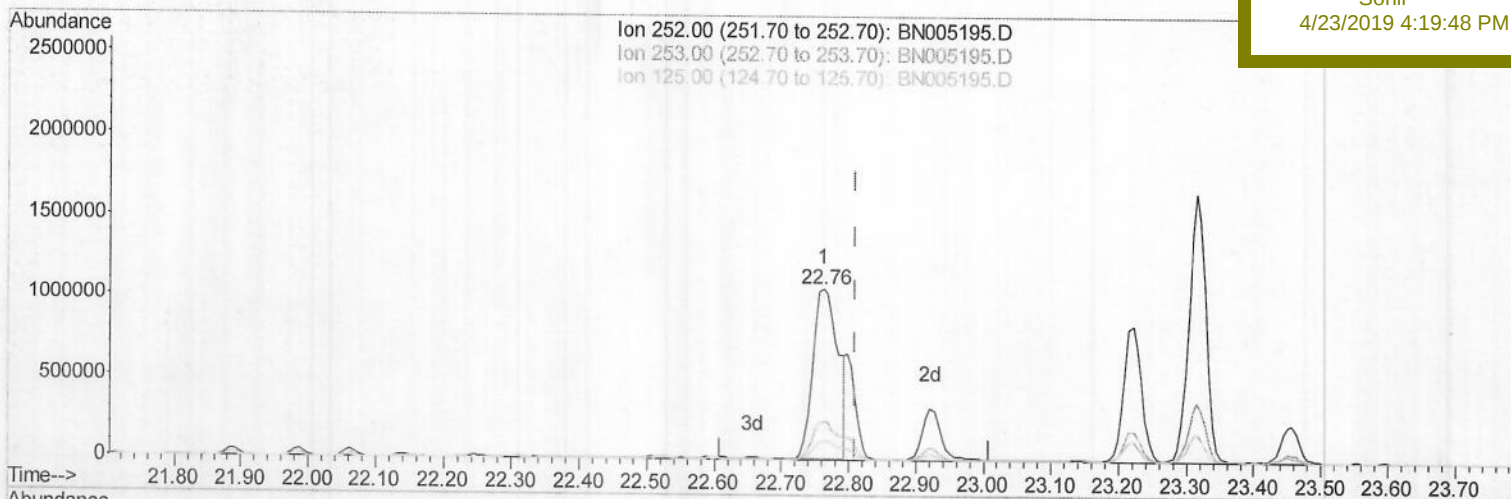
GAHH8

Manual Integrations

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Sohil

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(88) Benzo(k)fluoranthene

22.763min (-0.047) 17.73ng/ul

response 2710510

Ion	Exp%	Act%
252.00	100	100
253.00	21.70	21.86
125.00	9.40	10.96
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN042219\

Data File : BN005195.D

Acq On : 23 Apr 2019 03:55

Operator : JU/SJ

Sample : K2402-06

Misc :

ALS Vial : 31 Sample Multiplier: 1

Quant Time: Apr 23 04:41:23 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

ClientSampleId :

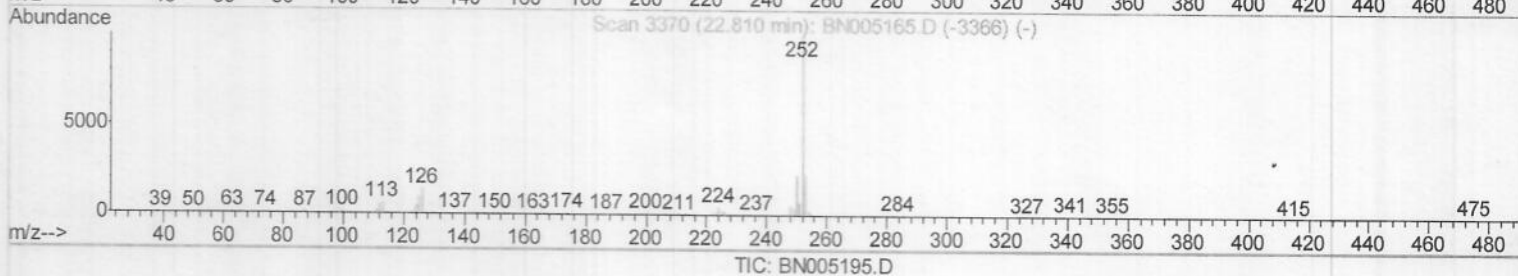
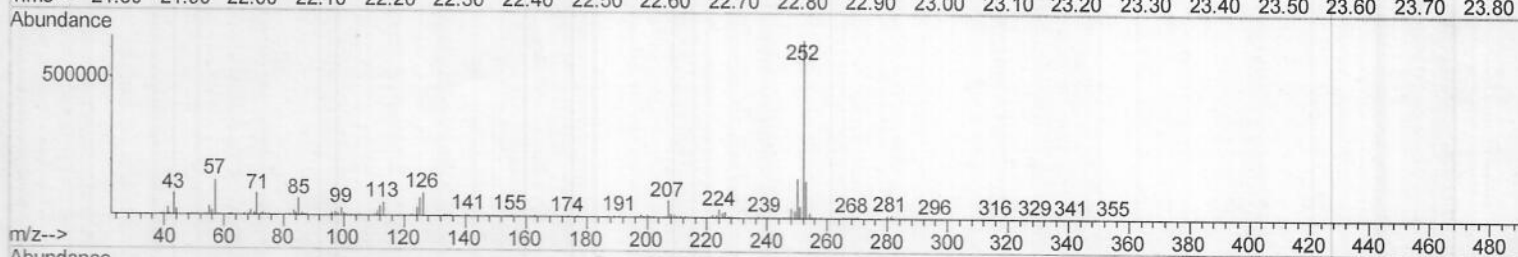
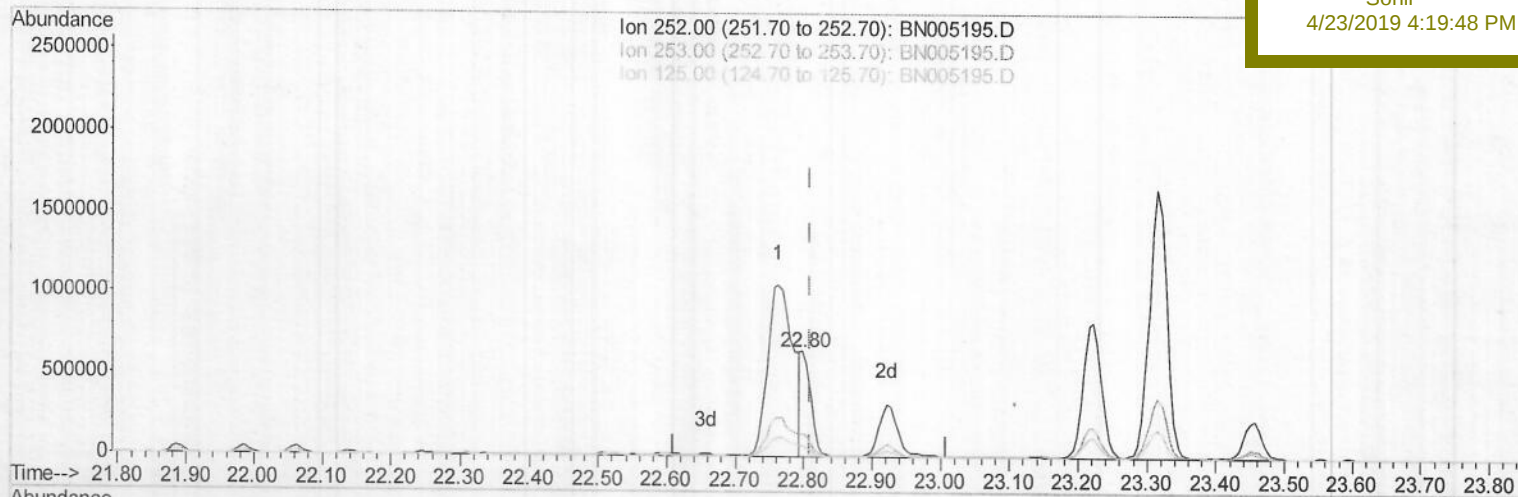
GAHH8

Manual Integrations

APPROVED

Sohil

4/23/2019 4:19:48 PM



(88) Benzo(k)fluoranthene

22.798min (-0.012) 4.39ng/ul m

response 671069

Ion	Exp%	Act%
252.00	100	100
253.00	21.70	21.63
125.00	9.40	10.21
0.00	0.00	0.00

SJ
04/23/19

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN042219\

Data File : BN005195.D

Acq On : 23 Apr 2019 03:55

Operator : JU/SJ

Sample : K2402-06

Misc :

ALS Vial : 31 Sample Multiplier: 1

Quant Time: Apr 23 04:41:23 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

ClientSampleId :

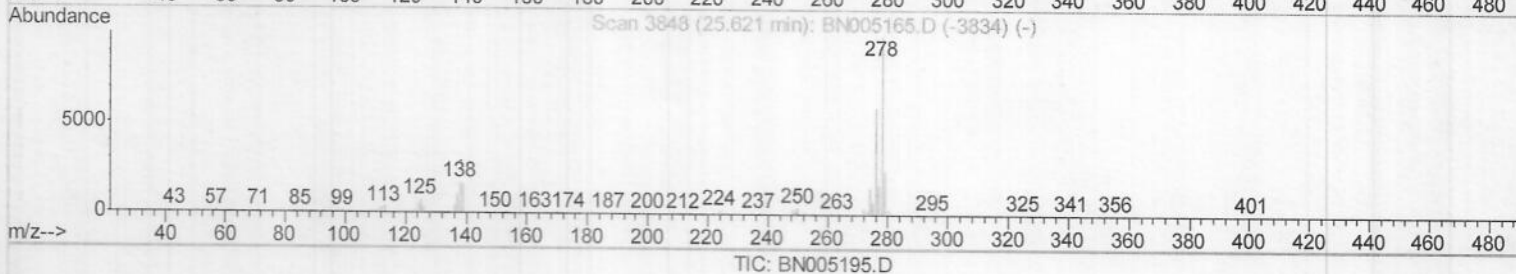
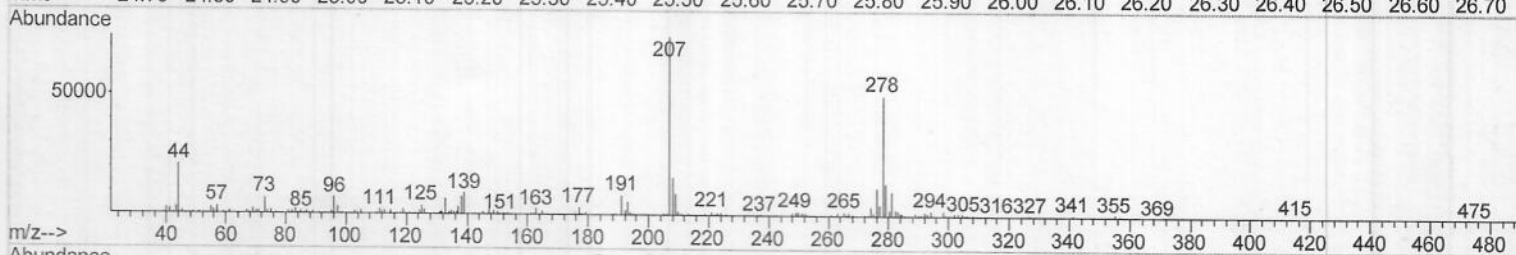
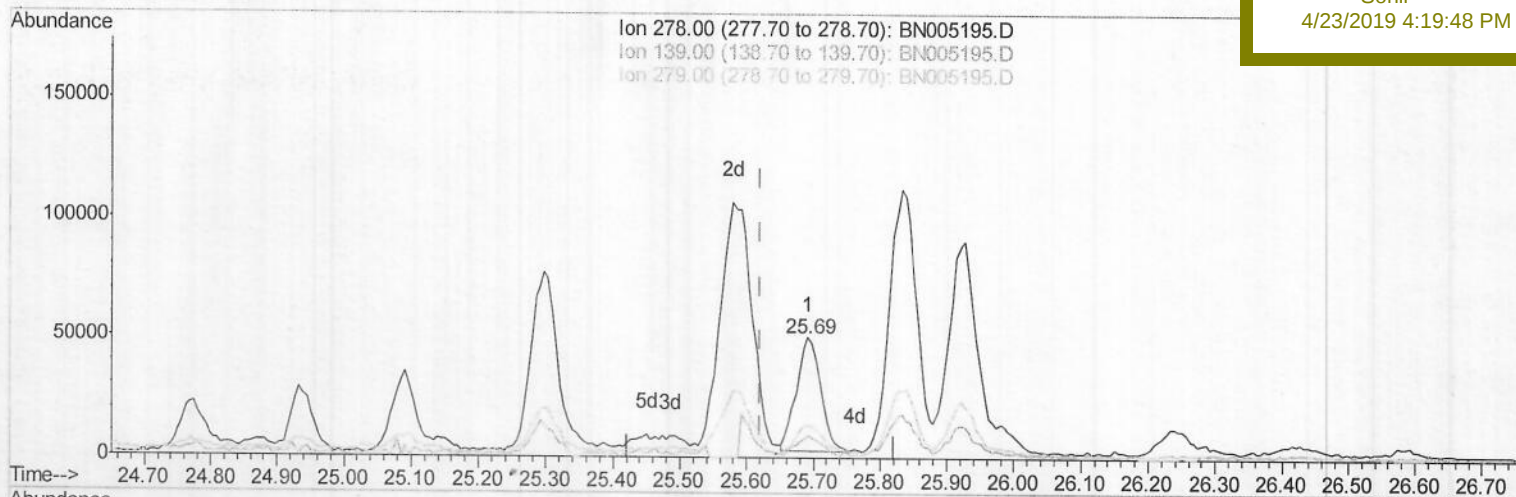
GAHH8

Manual Integrations

APPROVED

Sohil

4/23/2019 4:19:48 PM



(92) Dibenzo(a,h)anthracene

25.692min (+0.070) 0.84ng/ul

response 118193

Ion	Exp%	Act%
278.00	100	100
139.00	16.40	18.72
279.00	24.20	27.77
0.00	0.00	0.00

Quantitation Report (Qedit)

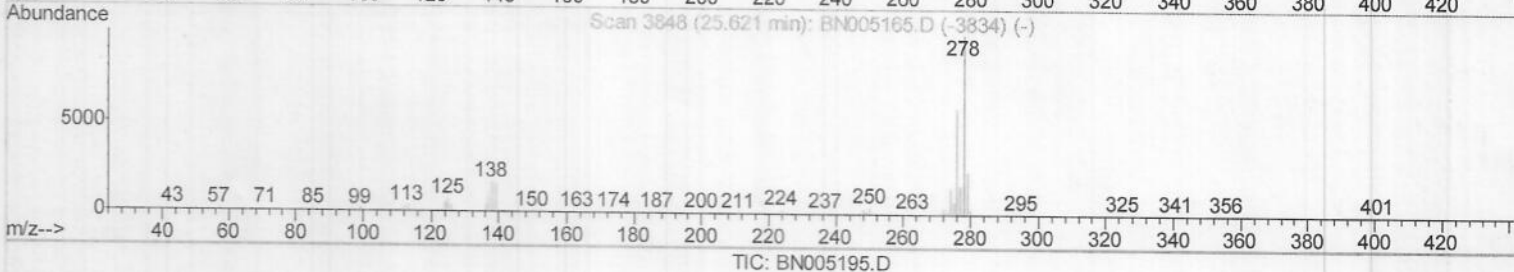
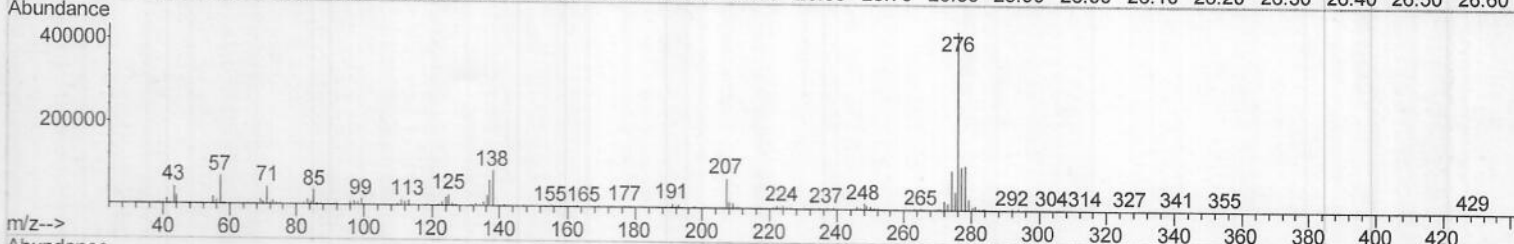
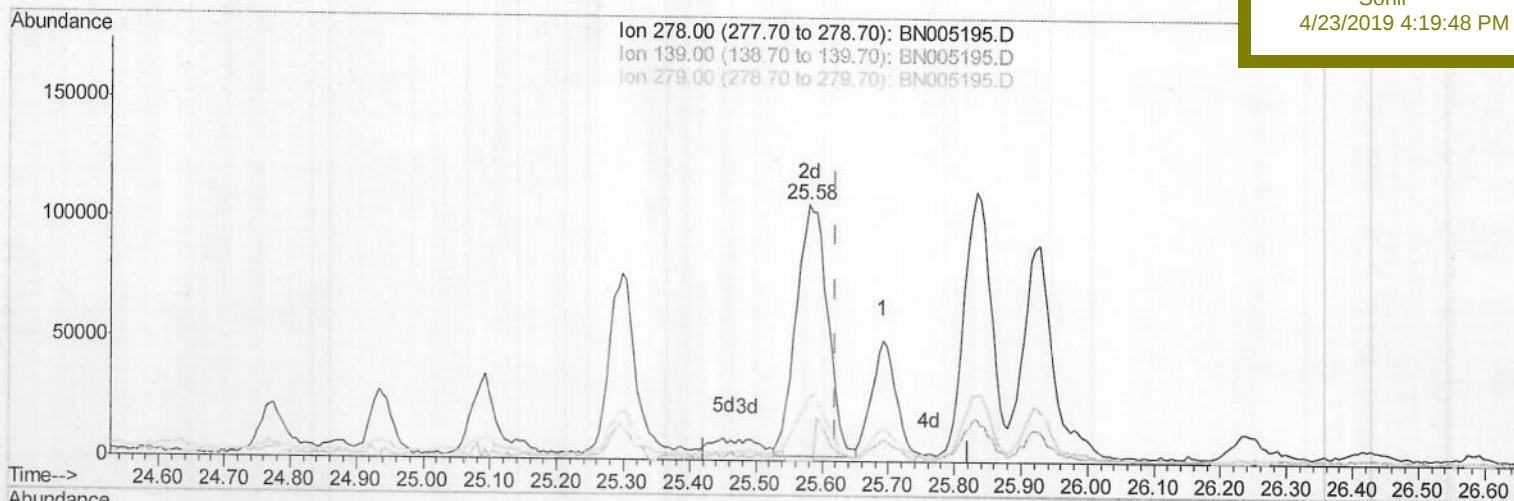
Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN042219\
 Data File : BN005195.D
 Acq On : 23 Apr 2019 03:55
 Operator : JU/SJ
 Sample : K2402-06
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Quant Time: Apr 23 04:41:23 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
 ClientSampleId :
 GAHH8

Manual Integrations
 APPROVED

Sohil
 4/23/2019 4:19:48 PM



(92) Dibenzo(a,h)anthracene

25.580min (-0.041) 2.45ng/ul m

response 346417

Ion	Exp%	Act%
278.00	100	100
139.00	16.40	0.00#
279.00	24.20	25.41
0.00	0.00	0.00

SJ
 04/23/19

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN042219\
 Data File : BN005195.D
 Acq On : 23 Apr 2019 03:55
 Operator : JU/SJ
 Sample : K2402-06
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_N
 Client Sampled :
 GAHH8

Quant Time: Apr 23 04:45:09 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

Manual Integrations
 APPROVED

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 4/23/2019 4:19:48 PM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev (Min)
1) 1,4-Dichlorobenzene-d4	7.60	152	509166	20.00	ng/ul	0.00
18) Naphthalene-d8	10.36	136	2644071	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.23	164	1692876	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.99	188	3608037	20.00	ng/ul	0.00
77) Chrysene-d12	21.21	240	2684196	20.00	ng/ul	0.00
85) Perylene-d12	23.41	264	2847547	20.00	ng/ul	-0.01

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.22	96	81209	7.70	ng/uL	0.00
5) Phenol-d5	6.78	99	756888	18.93	ng/ul	0.00
7) Bis-(2-Chloroethyl) ether-d	6.95	67	508169	20.37	ng/ul	0.00
9) 2-Chlorophenol-d4	7.13	132	617560	20.18	ng/ul	0.00
13) 4-Methylphenol-d8	8.29	113	490935	15.70	ng/ul	0.00
19) Nitrobenzene-d5	8.73	128	306427	18.83	ng/ul	0.00
22) 2-Nitrophenol-d4	9.45	143	325798	19.75	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.98	165	606134	16.03	ng/ul	0.00
29) 4-Chloroaniline-d4	10.49	131	538395	13.80	ng/ul	0.00
43) Dimethylphthalate-d6	13.65	166	1828848	14.88	ng/ul	0.00
46) Acenaphthylene-d8	13.92	160	2389873	15.83	ng/ul	0.00
51) 4-Nitrophenol-d4	14.43	143	205825	10.61	ng/ul	0.00
57) Fluorene-d10	15.23	176	1620456	15.71	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.35	200	156390	9.64	ng/ul	0.00
70) Anthracene-d10	17.09	188	2320754	15.34	ng/ul	0.00
78) Pyrene-d10	19.39	212	2345026	17.08	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.27	264	1993686	16.02	ng/ul	-0.01

Target Compounds

					Qvalue
28) Naphthalene	10.42	128	21706151m	176.590	ng/ul
34) 2-Methylnaphthalene	12.04	142	9332072	103.687	ng/ul 99
40) 1,1'-Biphenyl	13.06	154	2080807	16.497	ng/ul 99
44) Dimethylphthalate	13.69	163	641020	5.235	ng/ul 100
47) Acenaphthylene	13.95	152	4516281	30.448	ng/ul 97
49) Acenaphthene	14.29	153	677878	6.694	ng/ul 100
53) Dibenzofuran	14.63	168	705444	4.839	ng/ul 97
58) Fluorene	15.29	166	4371254	38.423	ng/ul 96
69) Phenanthrene	17.03	178	16316427m	92.856	ng/ul
71) Anthracene	17.12	178	4697083	26.240	ng/ul 99
76) Fluoranthene	19.06	202	7956828	40.824	ng/ul 99
79) Pyrene	19.43	202	10754598	62.228	ng/ul 99
82) Benzo(a)anthracene	21.20	228	3867844m	23.163	ng/ul
84) Chrysene	21.24	228	3422978	22.087	ng/ul 98
87) Benzo(b)fluoranthene	22.76	252	2710510	16.933	ng/ul 99
88) Benzo(k)fluoranthene	22.80	252	671069m	4.390	ng/ul
90) Benzo(a)pyrene	23.32	252	2880428	19.145	ng/ul 99
91) Indeno(1,2,3-cd)pyrene	25.58	276	1142268	6.867	ng/ul 97
92) Dibenzo(a,h)anthracene	25.58	278	346417m	2.454	ng/ul
93) Benzo(g,h,i)perylene	26.24	276	963957	7.008	ng/ul 99

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