

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN042519\
Data File : BN005312.D
Acq On : 26 Apr 2019 09:55
Operator : JU/SJ
Sample : K2456-02 20X
Misc :
ALS Vial : 28 Sample Multiplier: 1

Quant Time: Apr 26 12:13:15 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Apr 25 03:19:34 2019
Response via : Initial Calibration

Instrument :

BNA_N

Client Sample ID :

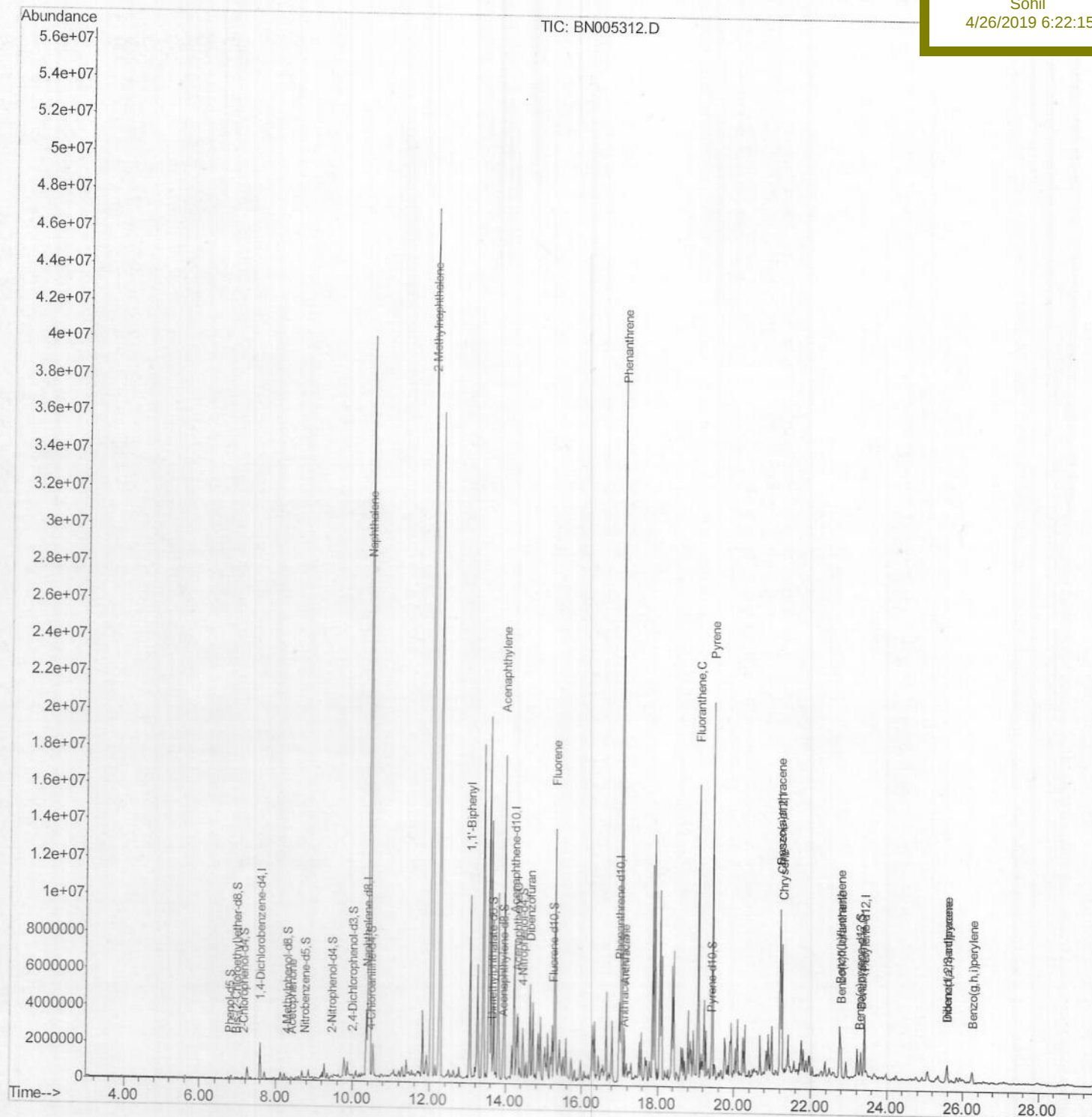
GAHQ2

Manual Integrations

APPROVED

Sohil

4/26/2019 6:22:15 PM



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN042519\

Data File : BN005312.D

Acq On : 26 Apr 2019 09:55

Operator : JU/SJ

Sample : K2456-02 20X

Misc :

ALS Vial : 28 Sample Multiplier: 1

Quant Time: Apr 26 11:58:49 2019

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

Quant Title : SVOA CALIBRATION

QLast Update : Thu Apr 25 03:19:34 2019

Response via : Initial Calibration

Instrument :

BNA_N

ClientSampleId :

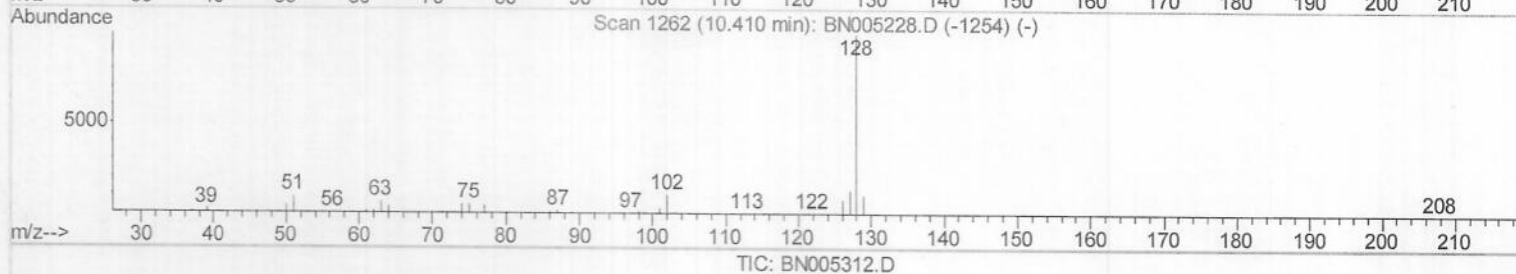
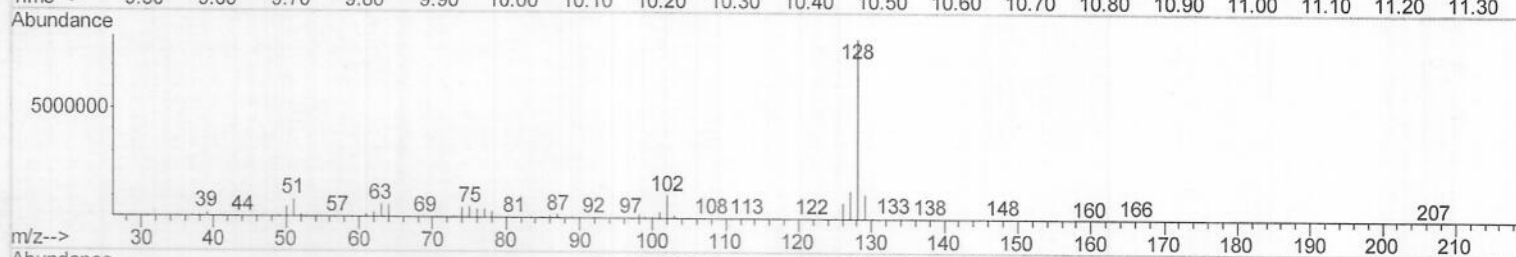
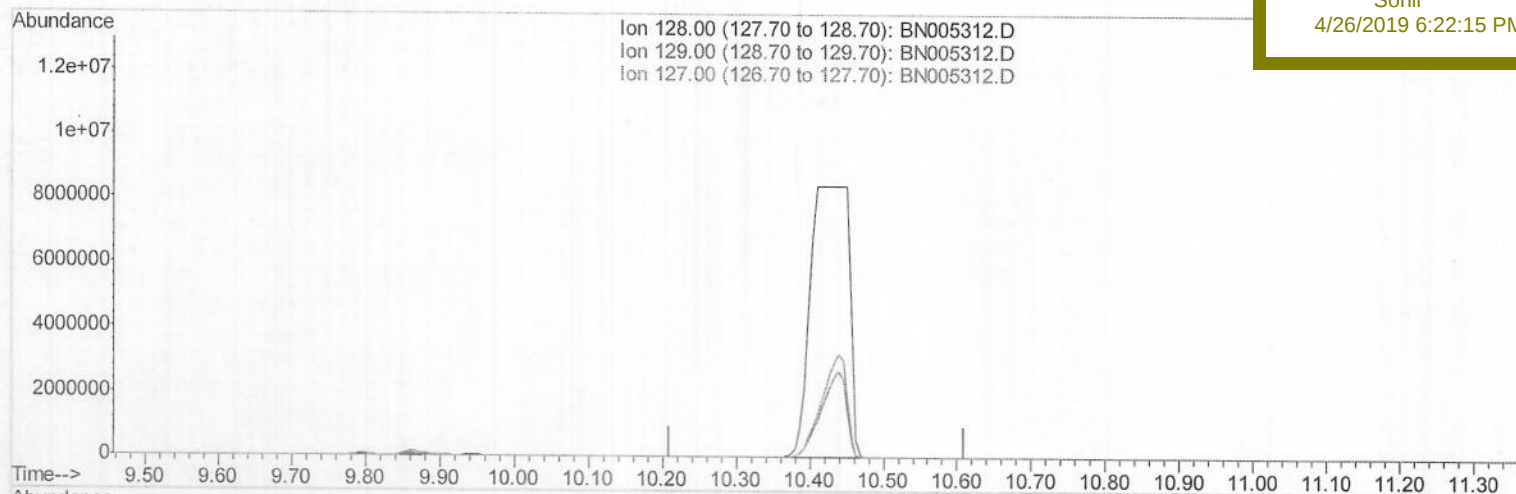
GAHQ2

Manual Integrations

APPROVED

Sohil

4/26/2019 6:22:15 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\BN042519\

Data File : BN005312.D

Acq On : 26 Apr 2019 09:55

Operator : JU/SJ

Sample : K2456-02 20X

Misc :

ALS Vial : 28 Sample Multiplier: 1

Quant Time: Apr 26 11:58:49 2019

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

Quant Title : SVOA CALIBRATION

QLast Update : Thu Apr 25 03:19:34 2019

Response via : Initial Calibration

Instrument :

BNA_N

ClientSampleId :

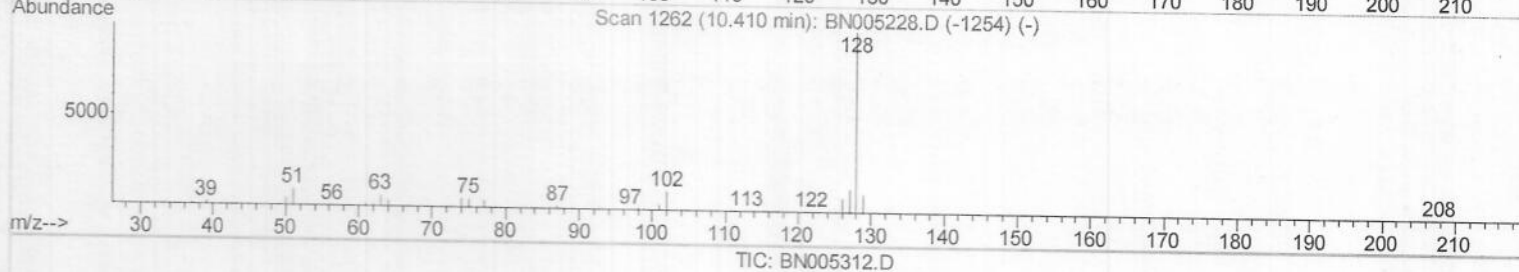
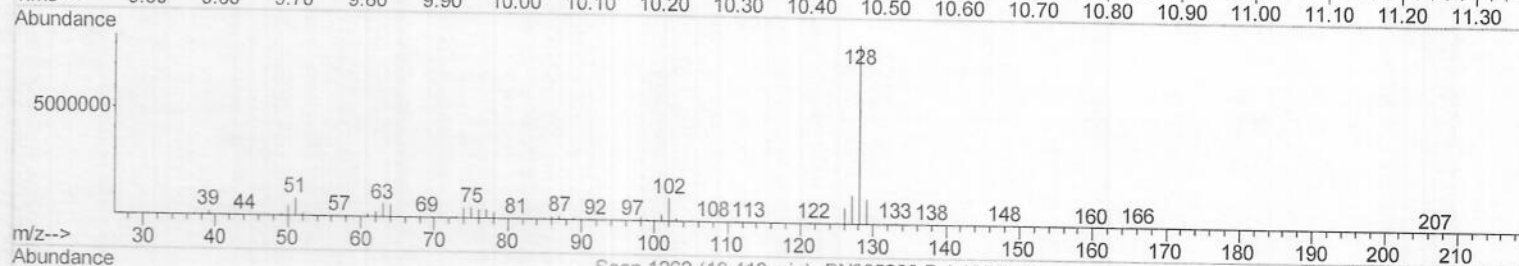
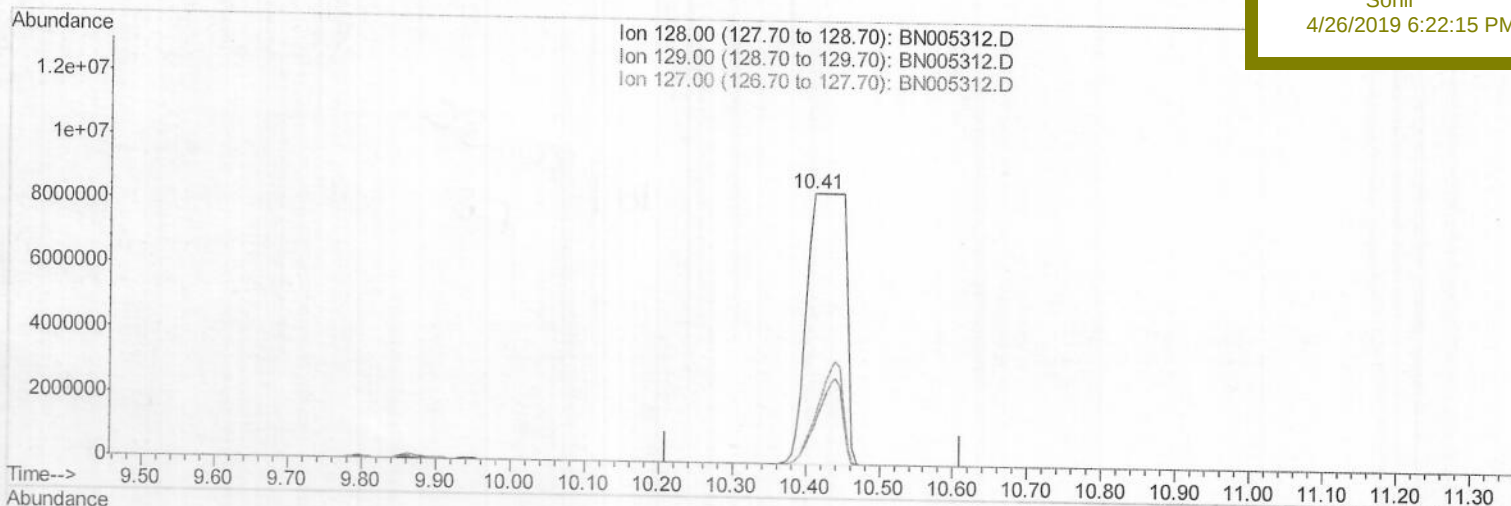
GAHQ2

Manual Integrations

APPROVED

Sohil

4/26/2019 6:22:15 PM



(28) Naphthalene

10.410min (+0.000) 301.67ng/ul m

response 30363940

Ion	Exp%	Act%
128.00	100	100
129.00	11.50	13.78
127.00	13.40	16.08
0.00	0.00	0.00

JU
5/3/19

Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN042519\

Data File : BN005312.D

Acq On : 26 Apr 2019 09:55

Operator : JU/SJ

Sample : K2456-02 20X

Misc :

ALS Vial : 28 Sample Multiplier: 1

Quant Time: Apr 26 11:58:49 2019

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

Quant Title : SVOA CALIBRATION

QLast Update : Thu Apr 25 03:19:34 2019

Response via : Initial Calibration

Instrument :

BNA_N

ClientSampleId :

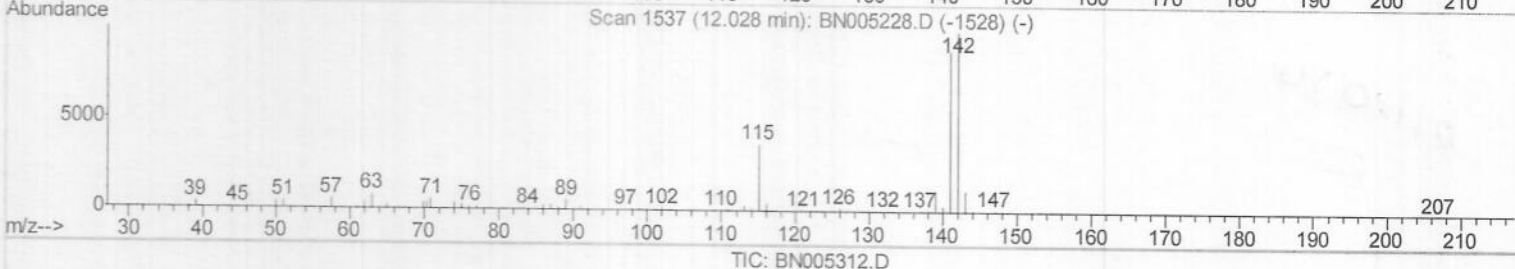
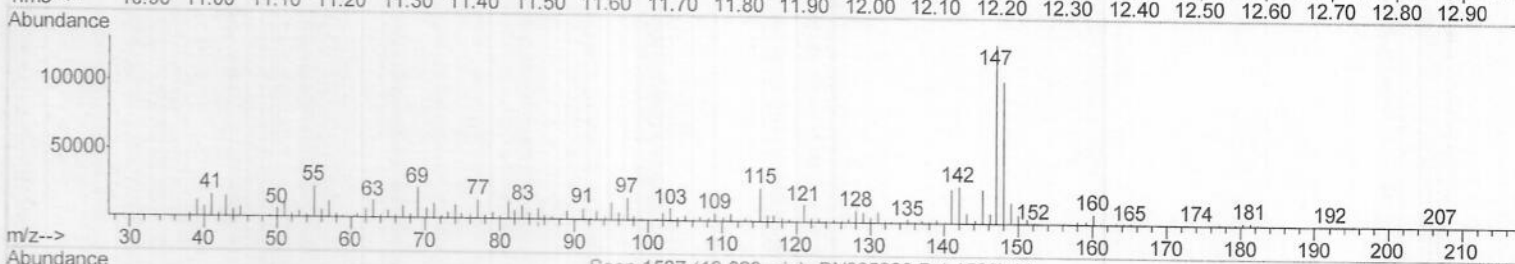
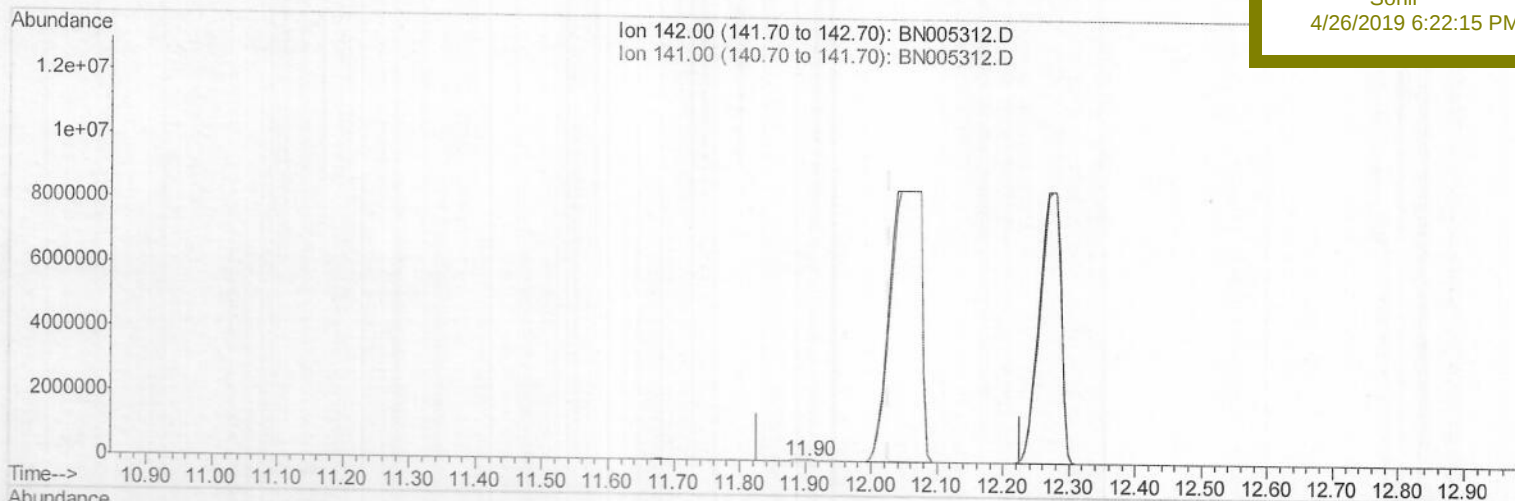
GAHQ2

Manual Integrations

APPROVED

Sohil

4/26/2019 6:22:15 PM



(34) 2-Methylnaphthalene

11.904min (-0.123) 1.32ng/ul

response 97507

Ion	Exp%	Act%
142.00	100	100
141.00	90.00	92.27
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN042519\

Data File : BN005312.D

Acq On : 26 Apr 2019 09:55

Operator : JU/SJ

Sample : K2456-02 20X

Misc :

ALS Vial : 28 Sample Multiplier: 1

Quant Time: Apr 26 11:58:49 2019

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

Quant Title : SVOA CALIBRATION

QLast Update : Thu Apr 25 03:19:34 2019

Response via : Initial Calibration

Instrument :

BNA_N

ClientSampleId :

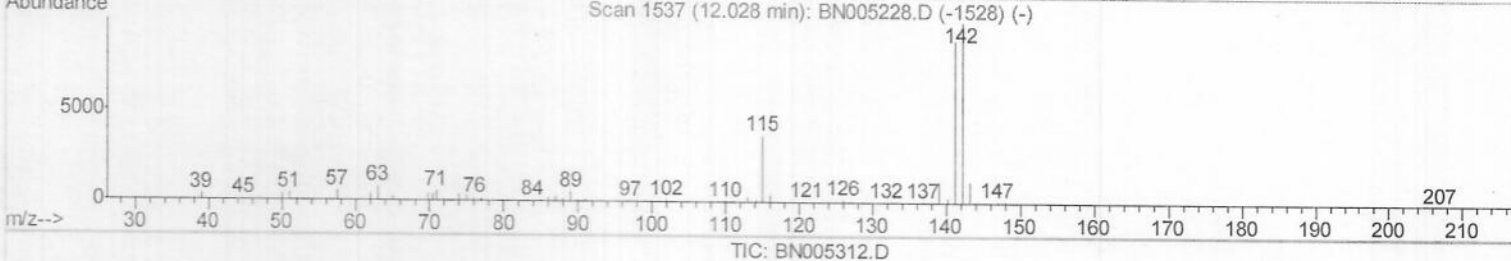
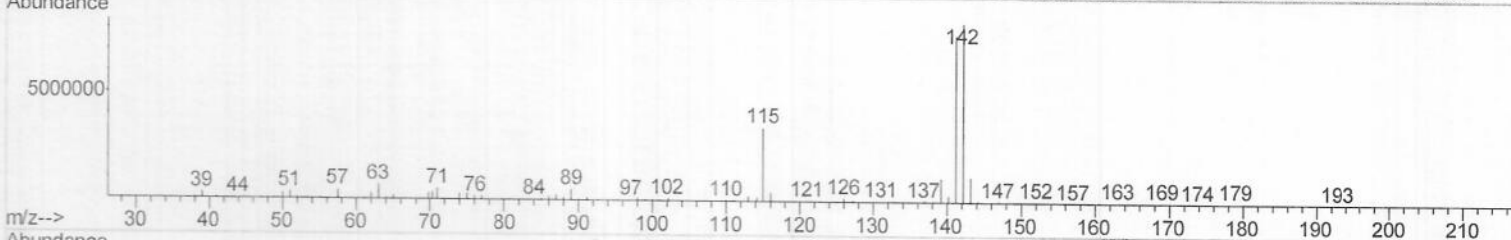
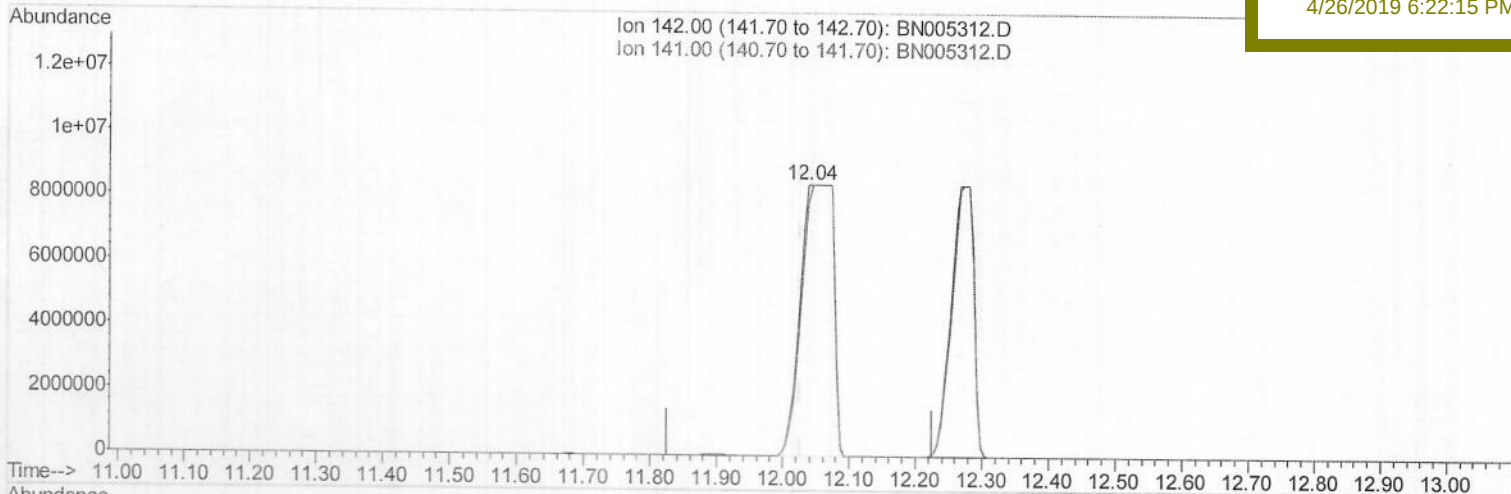
GAHQ2

Manual Integrations

APPROVED

Sohil

4/26/2019 6:22:15 PM



TIC: BN005312.D

(34) 2-Methylnaphthalene

12.039min (+0.012) 389.59ng/ul m

response 28712285

Ion	Exp%	Act%
142.00	100	100
141.00	90.00	93.45
0.00	0.00	0.00
0.00	0.00	0.00

JU
5/3/19

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN042519\

Data File : BN005312.D

Acq On : 26 Apr 2019 09:55

Operator : JU/SJ

Sample : K2456-02 20X

Misc :

ALS Vial : 28 Sample Multiplier: 1

Quant Time: Apr 26 11:58:49 2019

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

Quant Title : SVOA CALIBRATION

QLast Update : Thu Apr 25 03:19:34 2019

Response via : Initial Calibration

Instrument :

BNA_N

ClientSampleId :

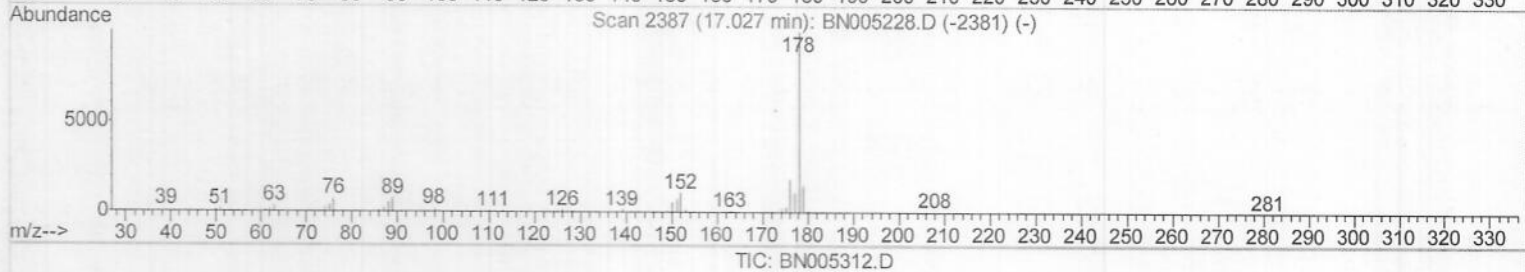
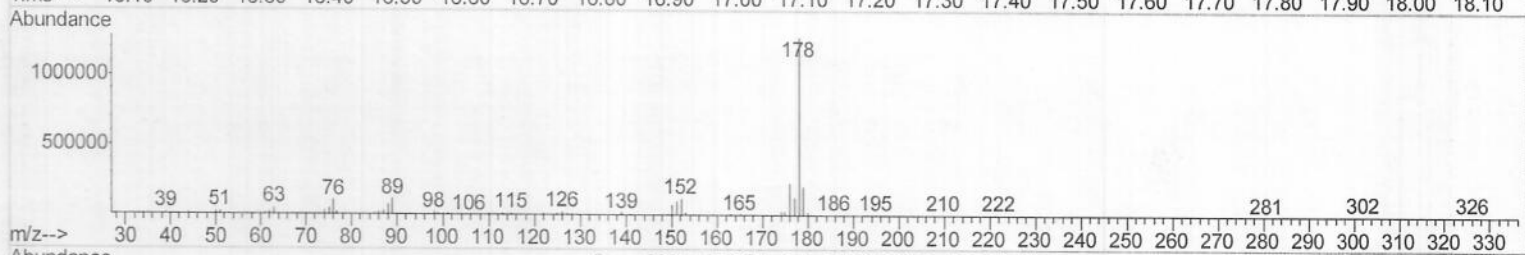
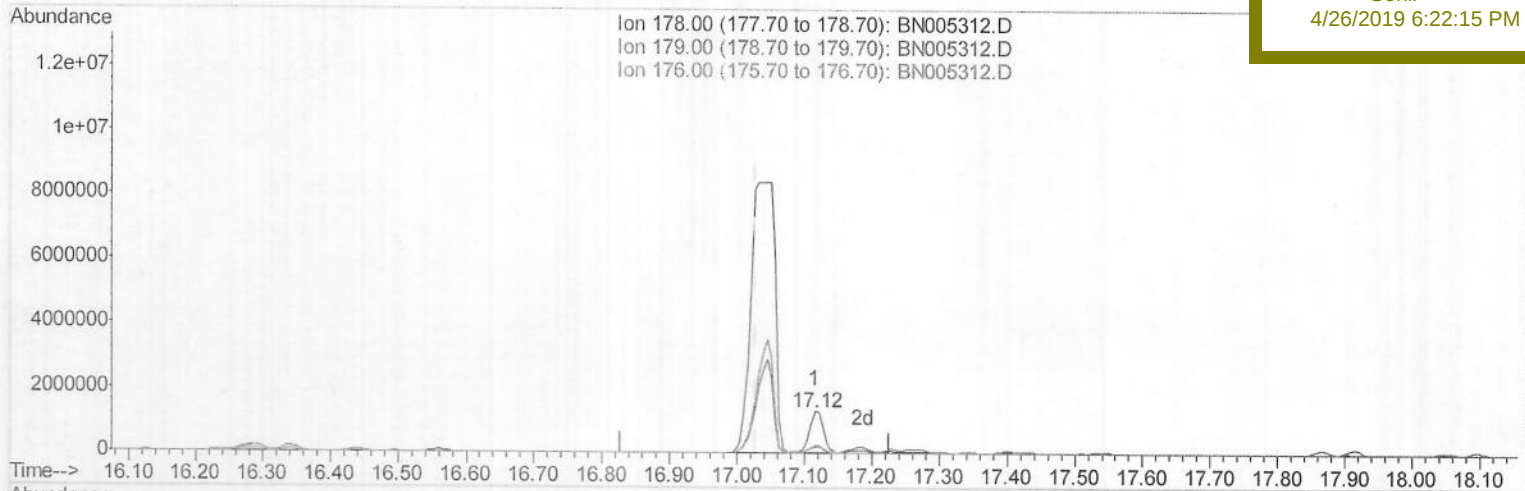
GAHQ2

Manual Integrations

APPROVED

Sohil

4/26/2019 6:22:15 PM



(69) Phenanthrene

17.116min (+0.088) 12.39ng/ul

response 1760493

Ion	Exp%	Act%
178.00	100	100
179.00	15.30	15.74
176.00	18.90	17.96
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN042519\

Data File : BN005312.D

Acq On : 26 Apr 2019 09:55

Operator : JU/SJ

Sample : K2456-02 20X

Misc :

ALS Vial : 28 Sample Multiplier: 1

Quant Time: Apr 26 11:58:49 2019

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

Quant Title : SVOA CALIBRATION

QLast Update : Thu Apr 25 03:19:34 2019

Response via : Initial Calibration

Instrument :

BNA_N

ClientSampleId :

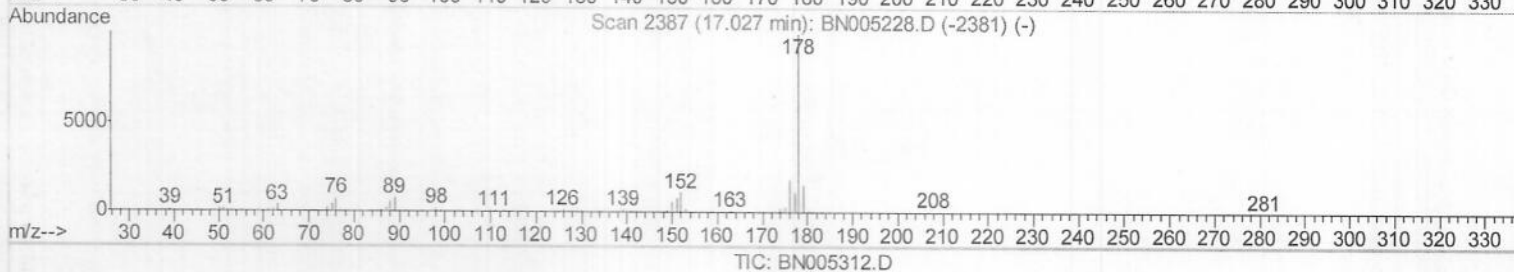
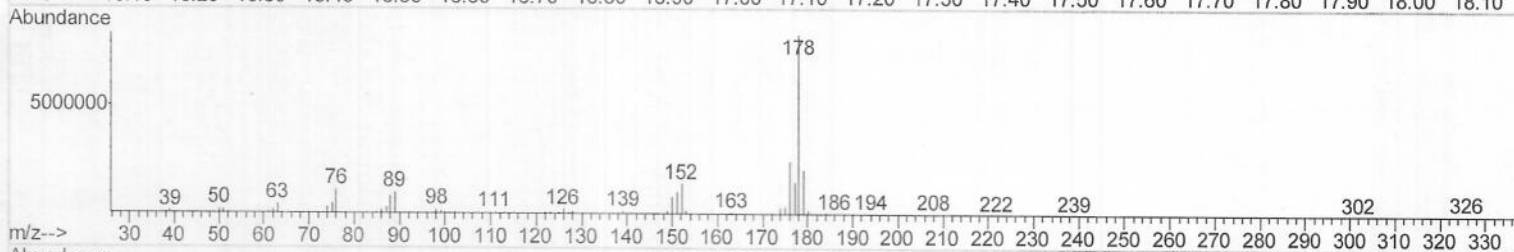
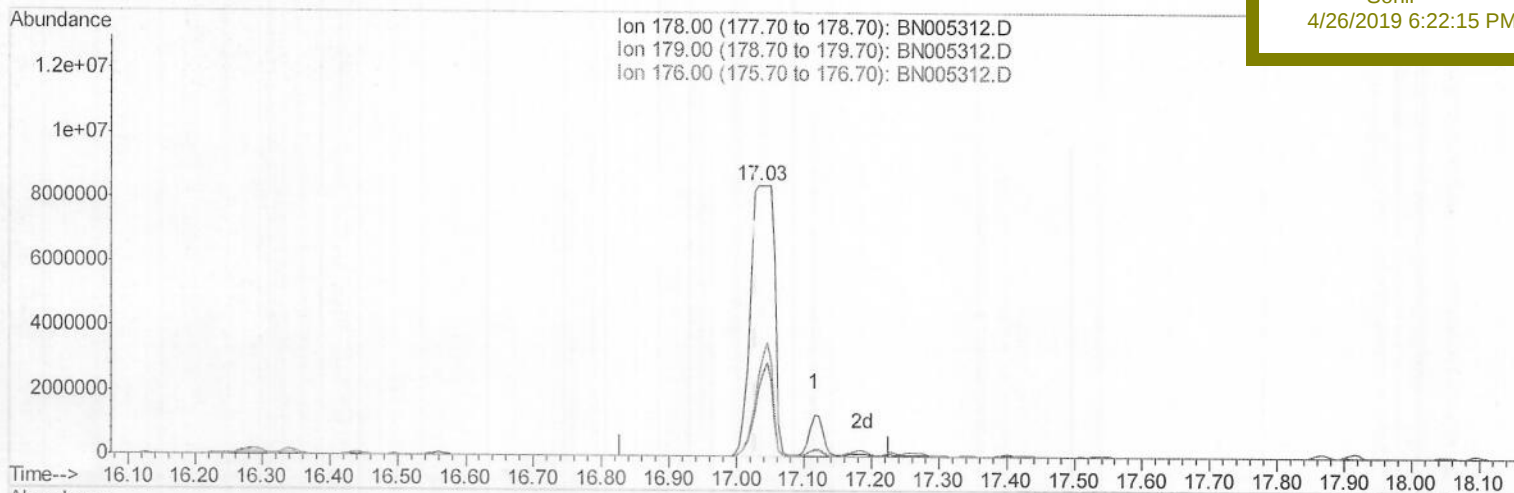
GAHQ2

Manual Integrations

APPROVED

Sohil

4/26/2019 6:22:15 PM



(69) Phenanthrene

17.033min (+0.006) 146.18ng/ul m

response 20764137

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

178.00	100	100
--------	-----	-----

179.00	15.30	24.86#
--------	-------	--------

176.00	18.90	29.59#
--------	-------	--------

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

Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN042519\

Data File : BN005312.D

Acq On : 26 Apr 2019 09:55

Operator : JU/SJ

Sample : K2456-02 20X

Misc :

ALS Vial : 28 Sample Multiplier: 1

Quant Time: Apr 26 11:58:49 2019

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

Quant Title : SVOA CALIBRATION

QLast Update : Thu Apr 25 03:19:34 2019

Response via : Initial Calibration

Instrument :

BNA_N

ClientSampleId :

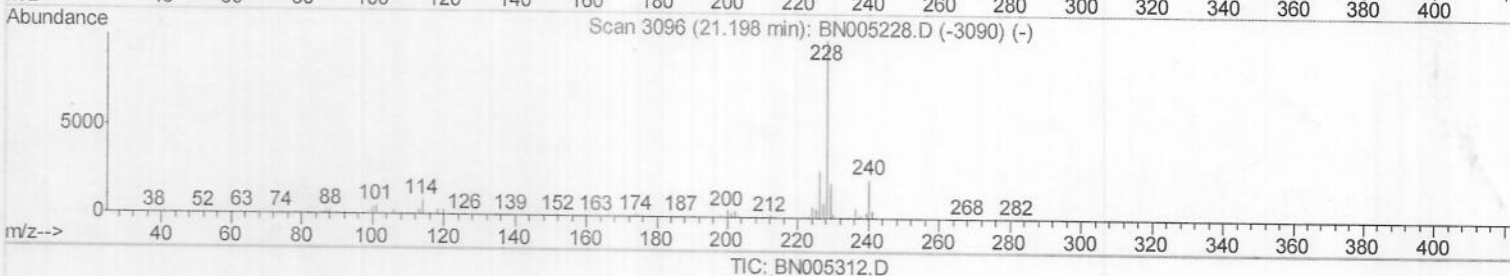
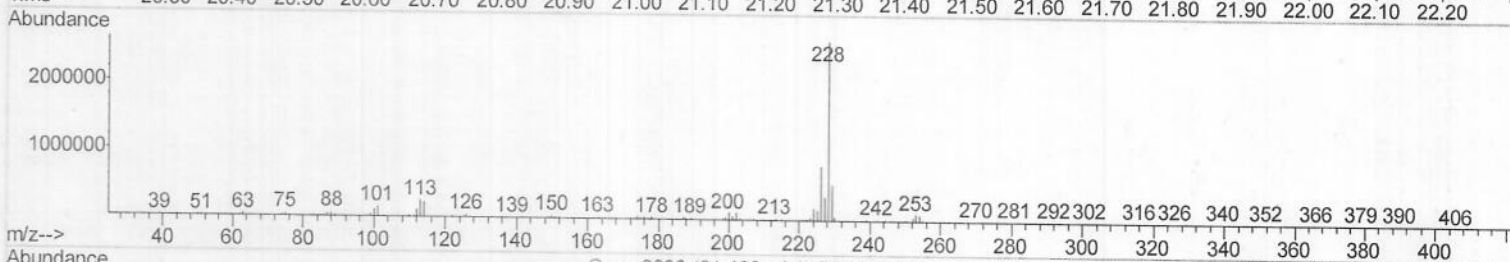
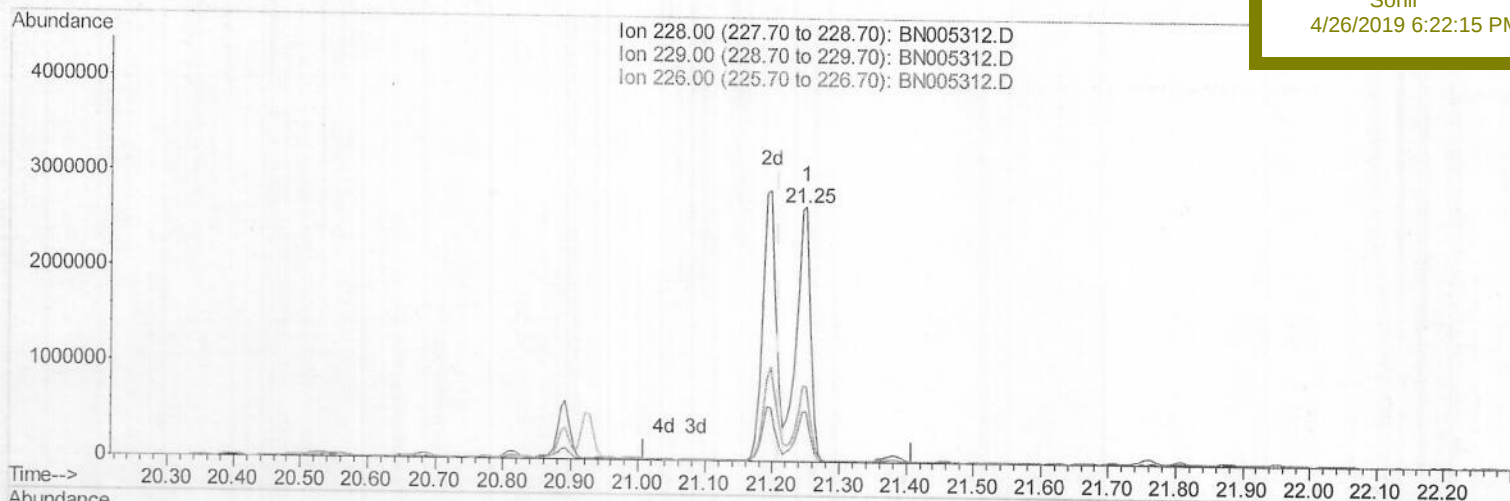
GAHQ2

Manual Integrations

APPROVED

Sohil

4/26/2019 6:22:15 PM



(82) Benzo(a)anthracene

21.251min (+0.041) 24.88ng/ul

response 3881242

Ion	Exp%	Act%
228.00	100	100
229.00	19.70	19.93
226.00	26.80	30.10
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN042519\

Data File : BN005312.D

Acq On : 26 Apr 2019 09:55

Operator : JU/SJ

Sample : K2456-02 20X

Misc :

ALS Vial : 28 Sample Multiplier: 1

Quant Time: Apr 26 11:58:49 2019

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

Quant Title : SVOA CALIBRATION

QLast Update : Thu Apr 25 03:19:34 2019

Response via : Initial Calibration

Instrument :

BNA_N

ClientSampleId :

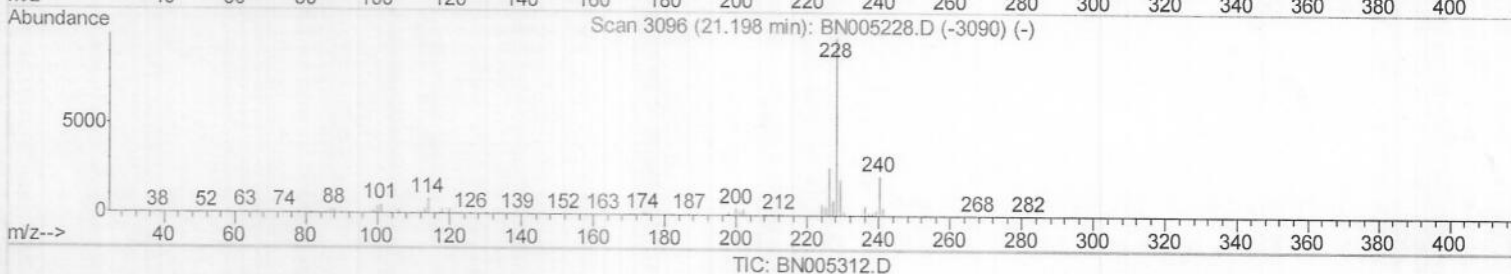
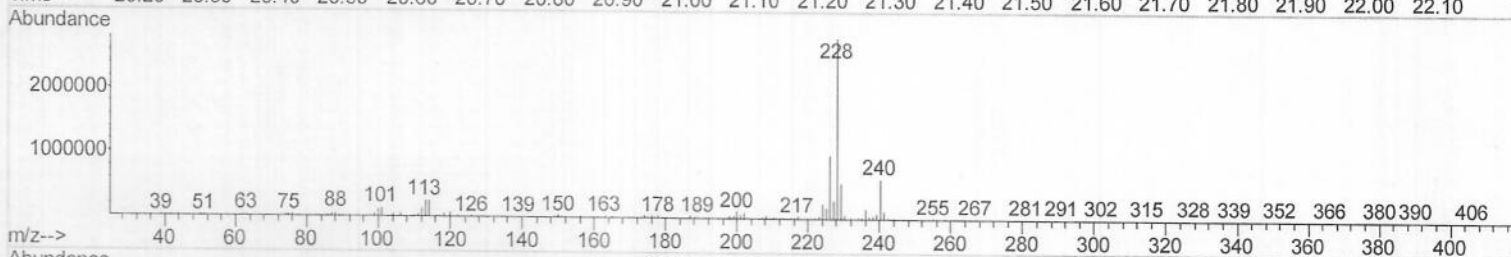
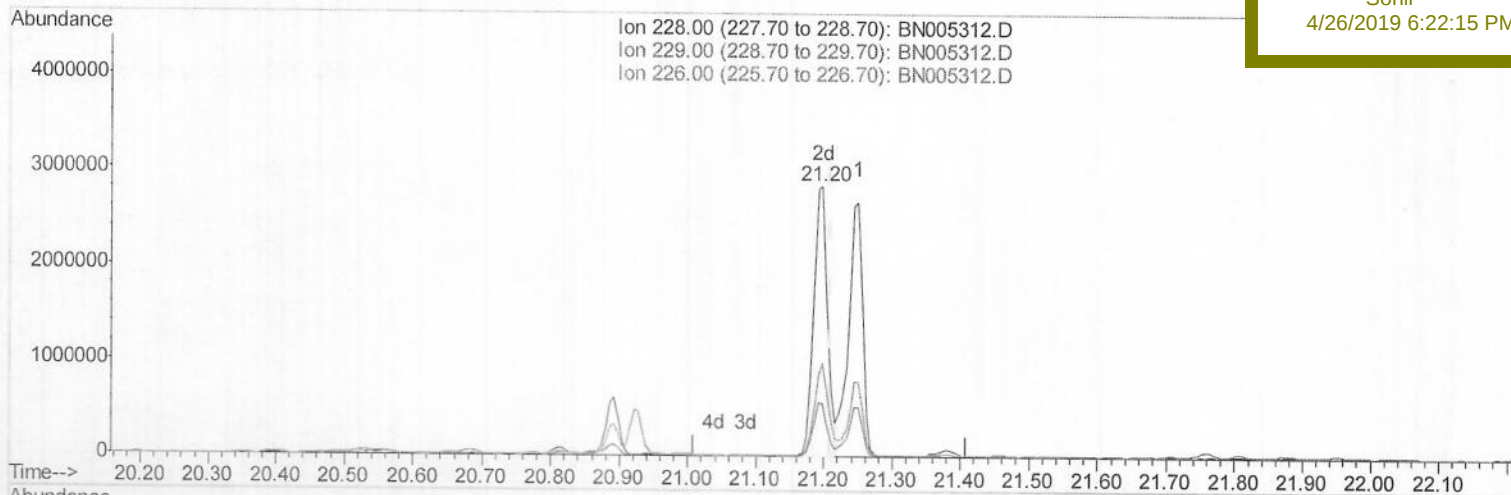
GAHQ2

Manual Integrations

APPROVED

Sohil

4/26/2019 6:22:15 PM



(82) Benzo(a)anthracene

21.198min (-0.012) 25.88ng/ul m

response 4037779

Ion	Exp%	Act%
228.00	100	100
229.00	19.70	20.23
226.00	26.80	35.06#
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN042519\

Data File : BN005312.D

Acq On : 26 Apr 2019 09:55

Operator : JU/SJ

Sample : K2456-02 20X

Misc :

ALS Vial : 28 Sample Multiplier: 1

Quant Time: Apr 26 11:58:49 2019

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

Quant Title : SVOA CALIBRATION

QLast Update : Thu Apr 25 03:19:34 2019

Response via : Initial Calibration

Instrument :

BNA_N

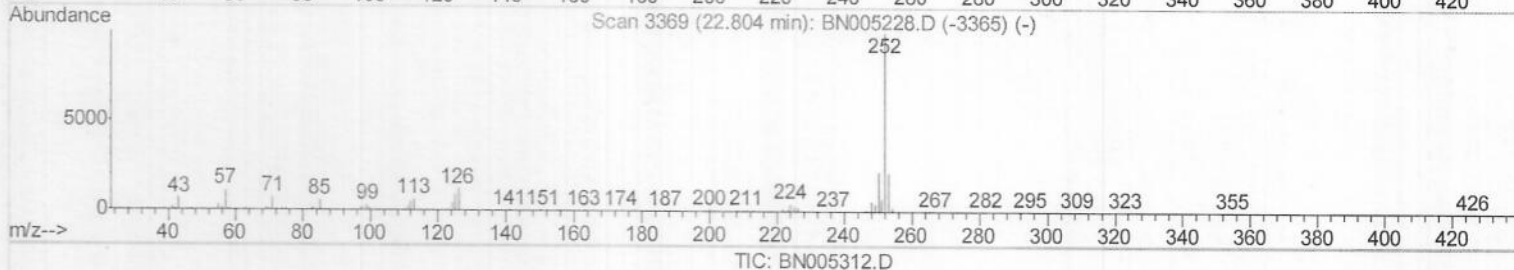
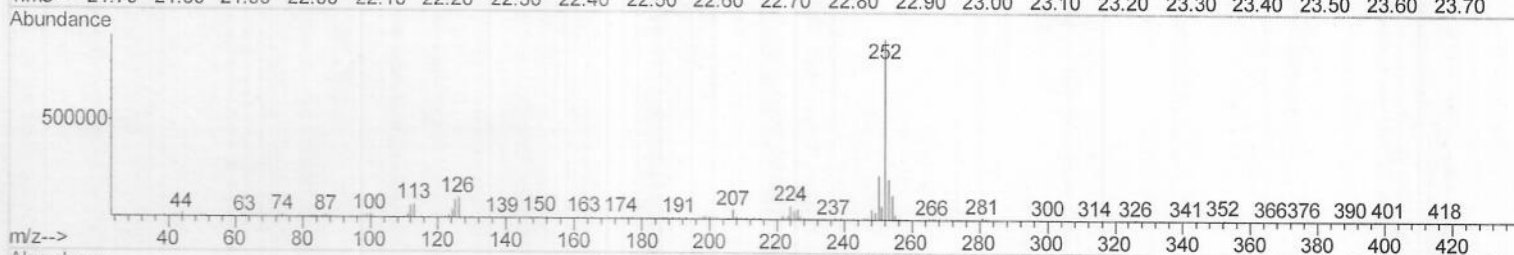
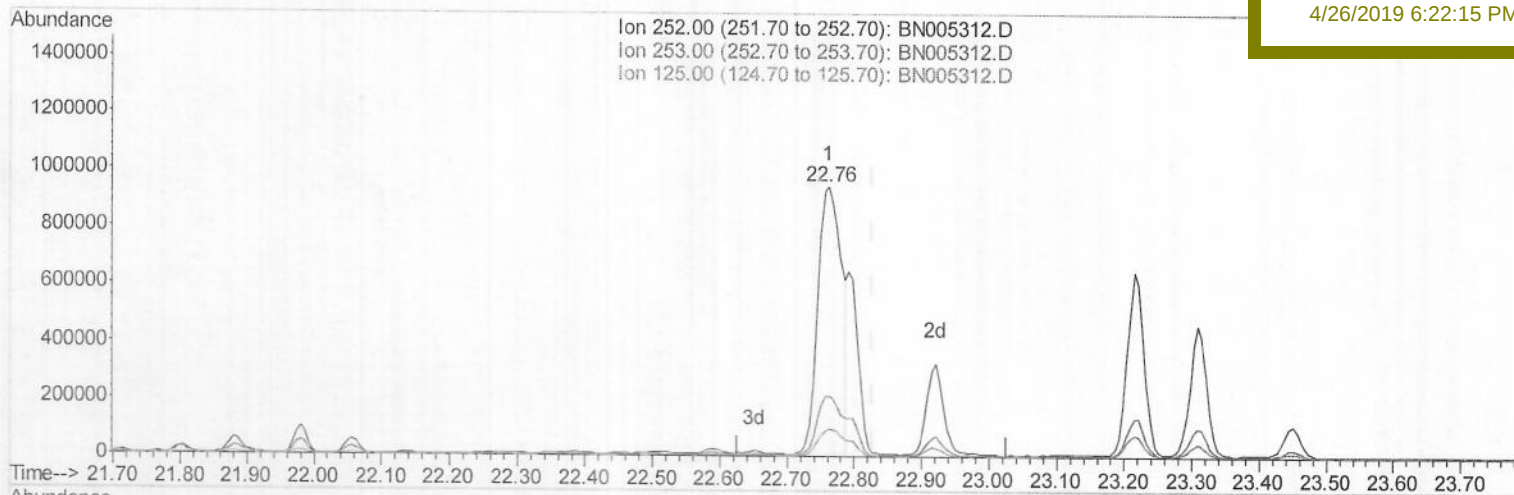
ClientSampleId :

GAHQ2

Manual Integrations
APPROVED

Sohil

4/26/2019 6:22:15 PM



(88) Benzo(k)fluoranthene

22.762min (-0.065) 18.02ng/ui

response 2291029

Ion	Exp%	Act%
252.00	100	100
253.00	21.70	22.57
125.00	9.40	10.53
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN042519\

Data File : BN005312.D

Acq On : 26 Apr 2019 09:55

Operator : JU/SJ

Sample : K2456-02 20X

Misc :

ALS Vial : 28 Sample Multiplier: 1

Quant Time: Apr 26 11:58:49 2019

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

Quant Title : SVOA CALIBRATION

QLast Update : Thu Apr 25 03:19:34 2019

Response via : Initial Calibration

Instrument :

BNA_N

ClientSampleId :

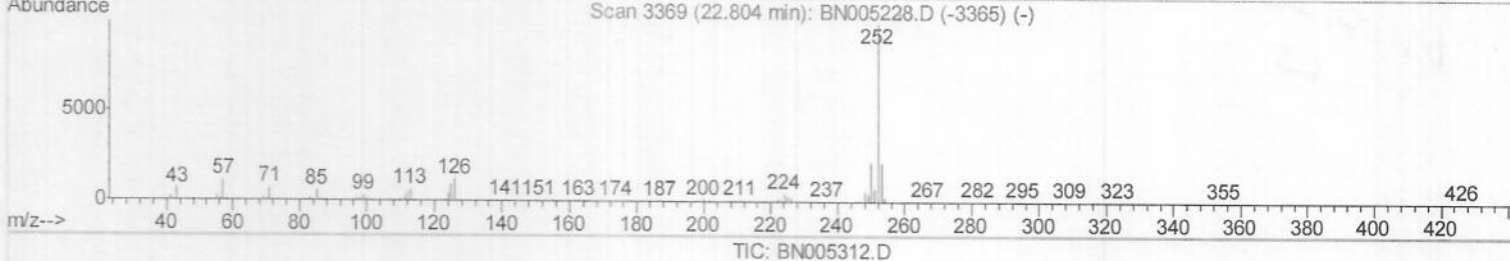
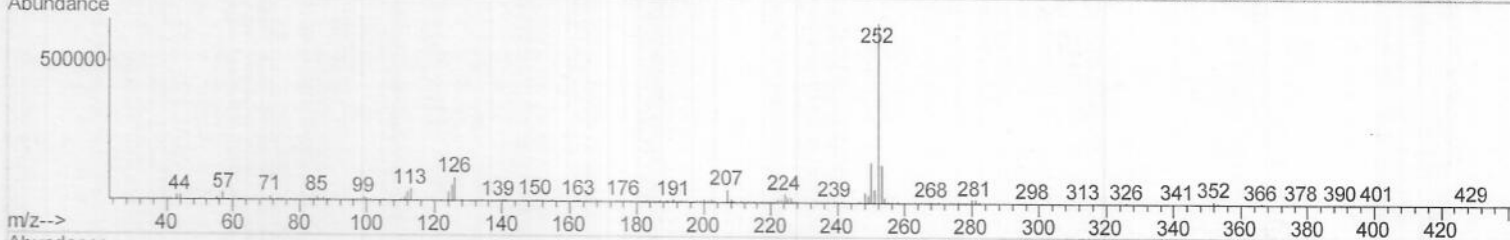
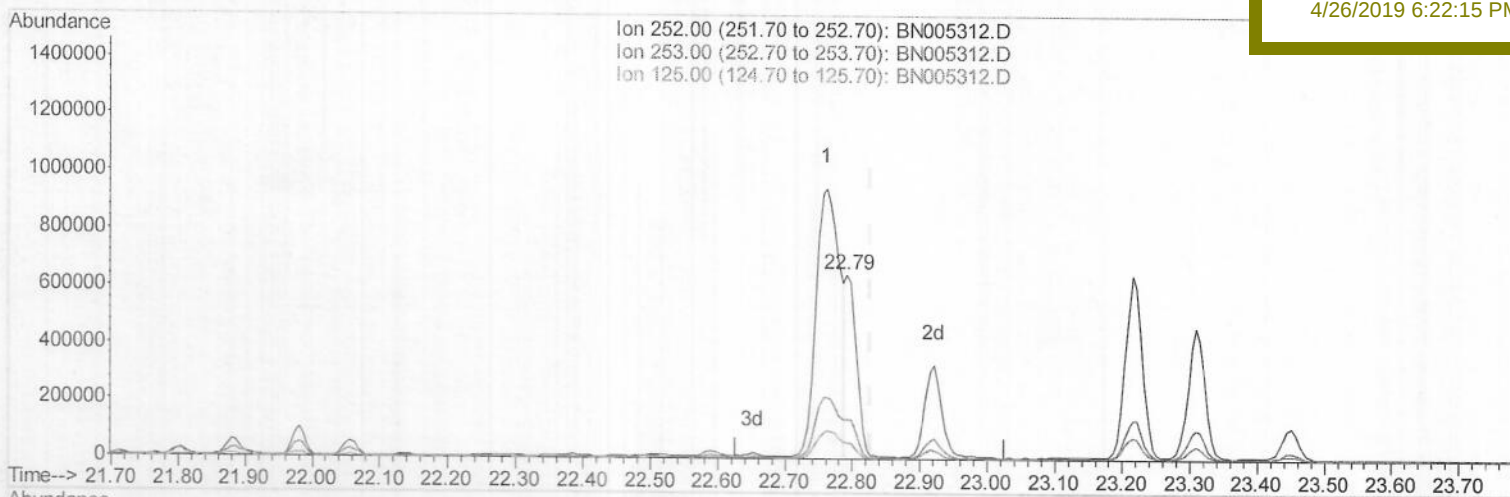
GAHQ2

Manual Integrations

APPROVED

Sohil

4/26/2019 6:22:15 PM



(88) Benzo(k)fluoranthene

22.792min (-0.035) 5.82ng/ul m

response 740557

Ion Exp% Act%

252.00 100 100

253.00 21.70 21.45

125.00 9.40 8.94

0.00 0.00 0.00

JU
5/3/19

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN042519\
 Data File : BN005312.D
 Acq On : 26 Apr 2019 09:55
 Operator : JU/SJ
 Sample : K2456-02 20X
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Quant Time: Apr 26 12:13:15 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Apr 25 03:19:34 2019
 Response via : Initial Calibration

Instrument :
 BNA_N
 Client Sample ID :
 GAHQ2

Manual Integrations
 APPROVED

Sohil
 4/26/2019 6:22:15 PM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev (Min)
1) 1,4-Dichlorobenzene-d4	7.59	152	523501	20.00	ng/ul	0.00
18) Naphthalene-d8	10.36	136	2165109	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.23	164	1333385	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.99	188	2916623	20.00	ng/ul	0.00
77) Chrysene-d12	21.21	240	2507759	20.00	ng/ul	-0.02
85) Perylene-d12	23.40	264	2368759	20.00	ng/ul	-0.04

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.22	96	2201	0.20	ng/uL	0.00
5) Phenol-d5	6.77	99	51352	1.25	ng/ul	0.00
7) Bis-(2-Chloroethyl) ether-d	6.94	67	31417	1.22	ng/ul	0.00
9) 2-Chlorophenol-d4	7.13	132	40273	1.28	ng/ul	0.00
13) 4-Methylphenol-d8	8.29	113	41930	1.30	ng/ul	0.00
19) Nitrobenzene-d5	8.74	128	24721	1.86	ng/ul	0.00
22) 2-Nitrophenol-d4	9.45	143	21351	1.58	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.99	165	44872	1.45	ng/ul	0.00
29) 4-Chloroaniline-d4	10.47	131	80225	2.51	ng/ul	-0.02
43) Dimethylphthalate-d6	13.65	166	158761	1.64	ng/ul	0.00
46) Acenaphthylene-d8	13.92	160	175490	1.48	ng/ul	0.00
51) 4-Nitrophenol-d4	14.45	143	27756	1.82	ng/ul	0.01
57) Fluorene-d10	15.23	176	131770	1.62	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.37	200	7272	0.55	ng/ul	0.01
70) Anthracene-d10	17.09	188	190067	1.55	ng/ul	0.00
78) Pyrene-d10	19.39	212	211871	1.65	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.26	264	158879	1.53	ng/ul	-0.04

Target Compounds

					Qvalue	
14) Acetophenone	8.40	105	61395	1.194	ng/ul	86
28) Naphthalene	10.41	128	30363940m	301.671	ng/ul	
34) 2-Methylnaphthalene	12.04	142	28712285m	389.589	ng/ul	
40) 1,1'-Biphenyl	13.06	154	4918712	49.509	ng/ul	99
47) Acenaphthylene	13.96	152	9854551	84.348	ng/ul#	95
49) Acenaphthene	14.29	153	1269532	15.917	ng/ul	100
53) Dibenzofuran	14.63	168	1338564	11.656	ng/ul	96
58) Fluorene	15.29	166	6731121	75.118	ng/ul	96
69) Phenanthrene	17.03	178	20764137m	146.181	ng/ul	
71) Anthracene	17.12	178	1759206	12.158	ng/ul	98
76) Fluoranthene	19.06	202	9076609	57.610	ng/ul	99
79) Pyrene	19.43	202	12950356	80.204	ng/ul	99
82) Benzo(a)anthracene	21.20	228	4037779m	25.882	ng/ul	
84) Chrysene	21.25	228	3879811	26.796	ng/ul	99
87) Benzo(b)fluoranthene	22.76	252	2291029	17.206	ng/ul	99
88) Benzo(k)fluoranthene	22.79	252	740557m	5.823	ng/ul	
90) Benzo(a)pyrene	23.31	252	787307	6.290	ng/ul	99
91) Indeno(1,2,3-cd)pyrene	25.58	276	850968	6.150	ng/ul	96
92) Dibenzo(a,h)anthracene	25.59	278	262126	2.232	ng/ul	98
93) Benzo(g,h,i)perylene	26.24	276	637858	5.575	ng/ul	96

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