

(QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN042919\
Data File : BN005255.D

Data File : BN005355.D

Acc On : 29 Apr 2019 17:26

Operator : JU/SJ

Sample : K2456-10DL 5X

Misc :

ALS Vial : 6 Sample Multiplier: 1

Quant Time: Apr 30 01:22:04 2019

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

Quant Title : SVOA CALIBRATION

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

Response via : Initial Calibration

BNA_N

ClientSampleId :

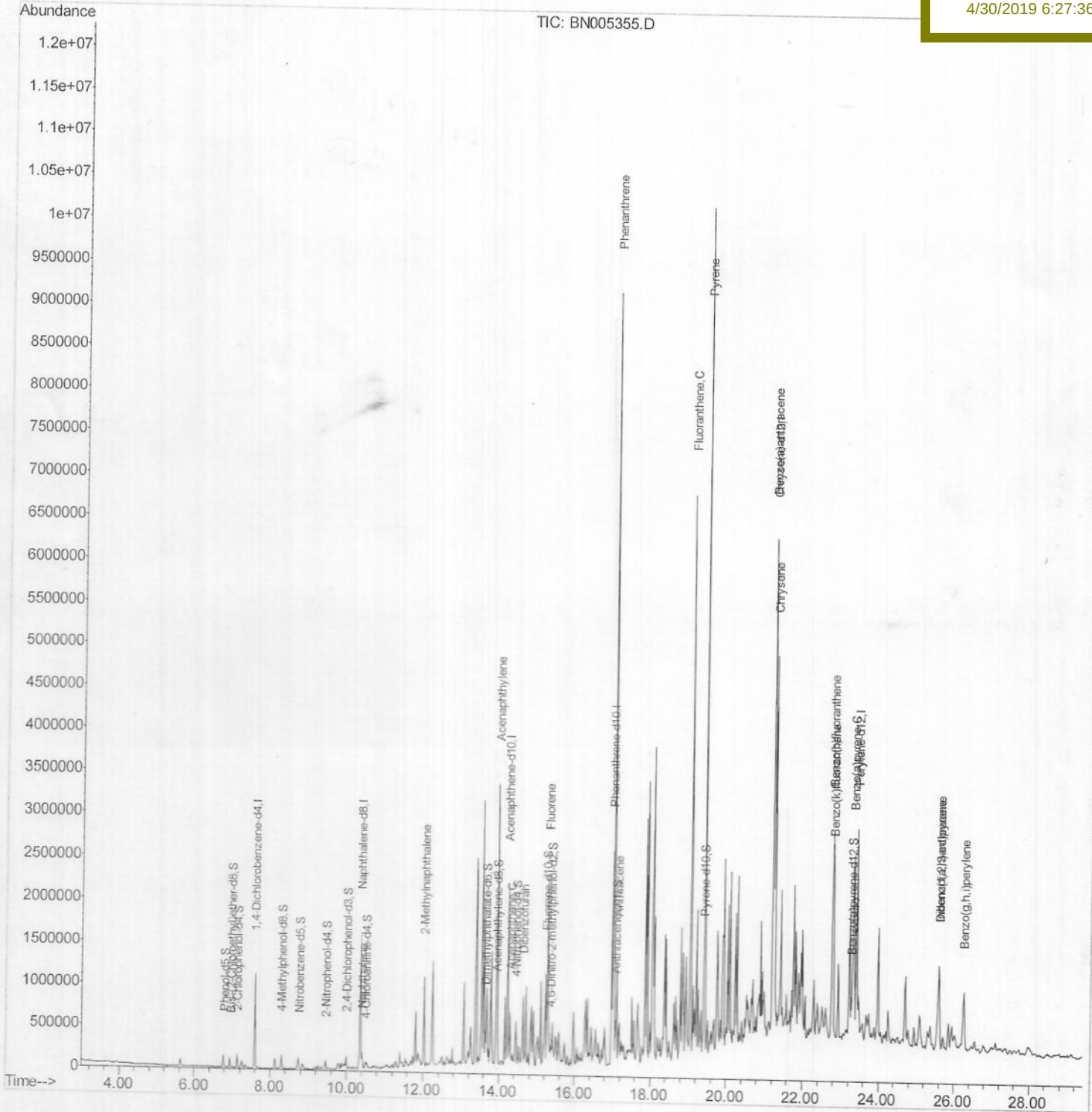
GAHP8DL

Manual Integrations

APPROVED

Sohil

4/30/2019 6:27:36 PM



Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN042919\
 Data File : BN005355.D
 Acq On : 29 Apr 2019 17:26
 Operator : JU/SJ
 Sample : K2456-10DL 5X
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Quant Time: Apr 30 00:53:14 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
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Instrument :

BNA_N

ClientSampleId :

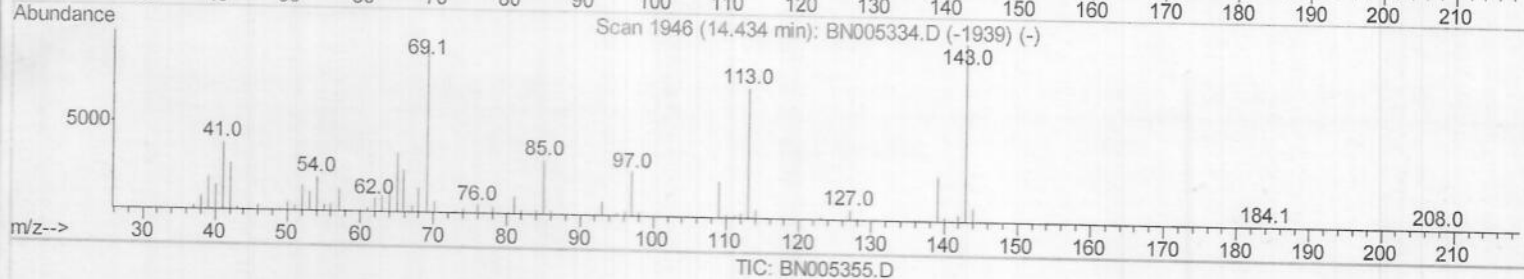
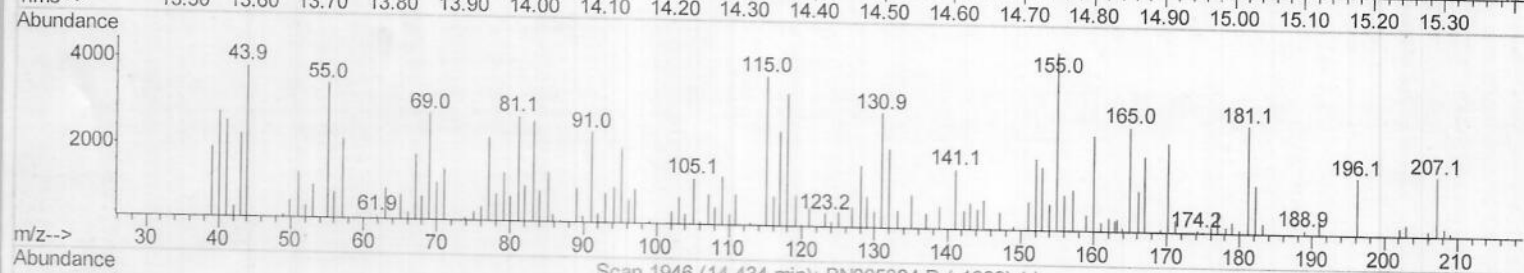
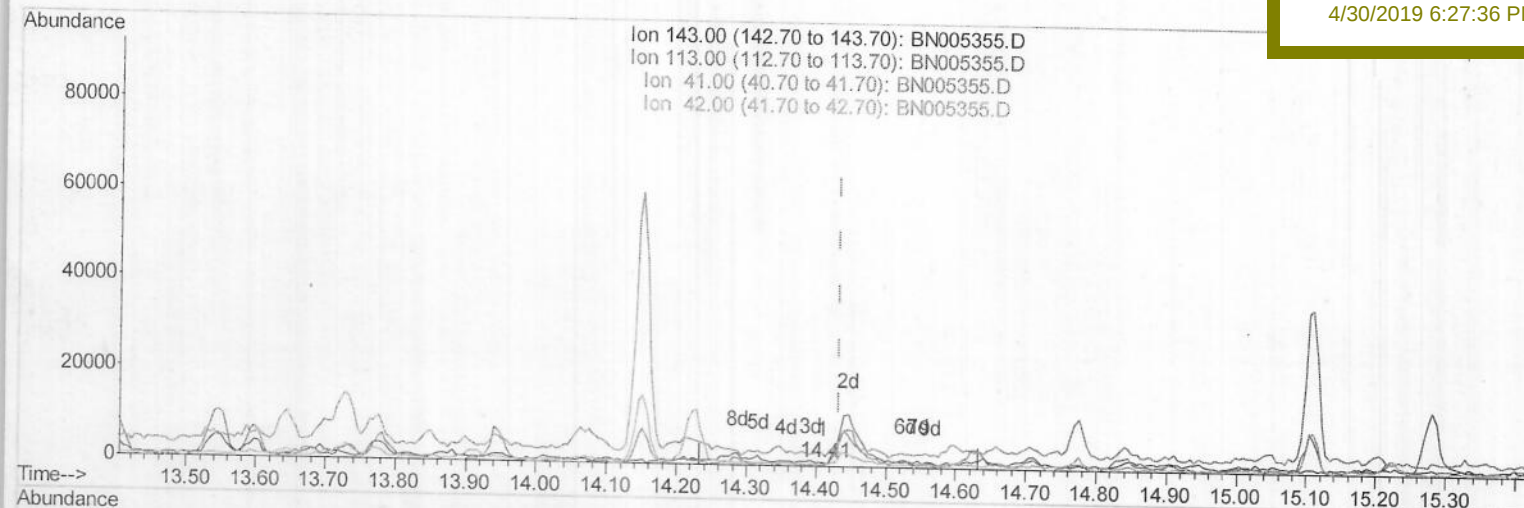
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Manual Integrations

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(51) 4-Nitrophenol-d4 (S)

14.410min (-0.023) 0.02ng/ul

response 131

Ion	Exp%	Act%
143.00	100	100
113.00	82.50	40.32#
41.00	47.90	285.47#
42.00	31.70	60.70#

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Instrument :

BNA_N

ClientSampleId :

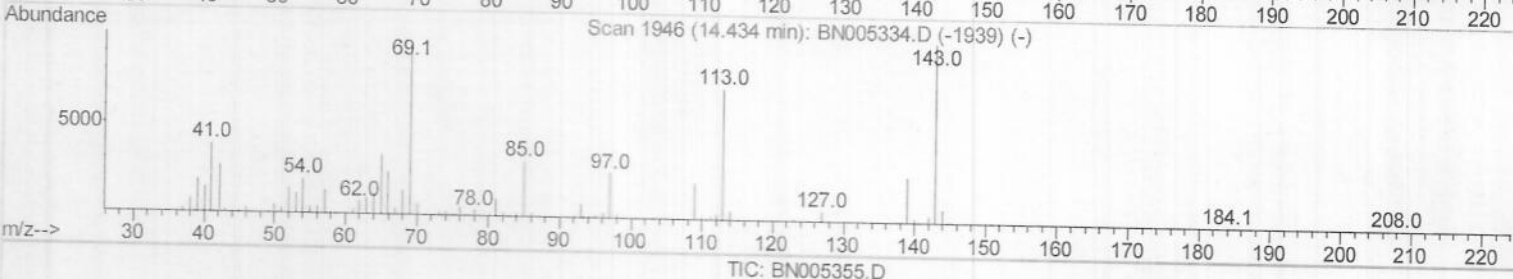
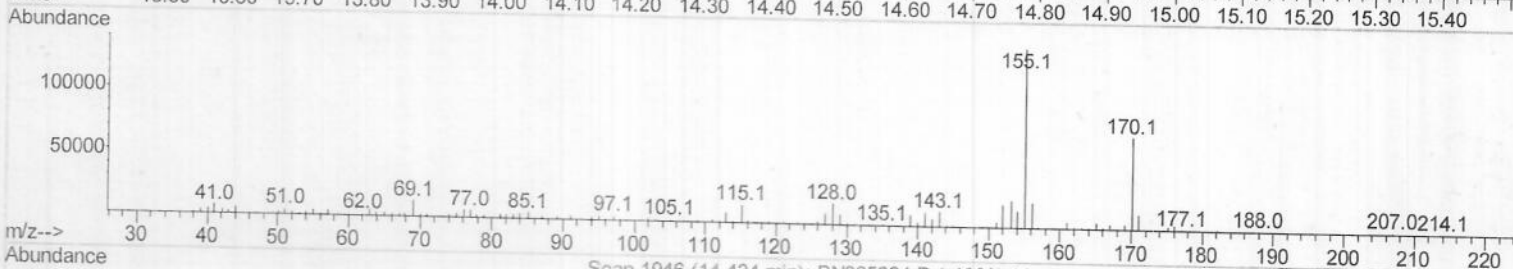
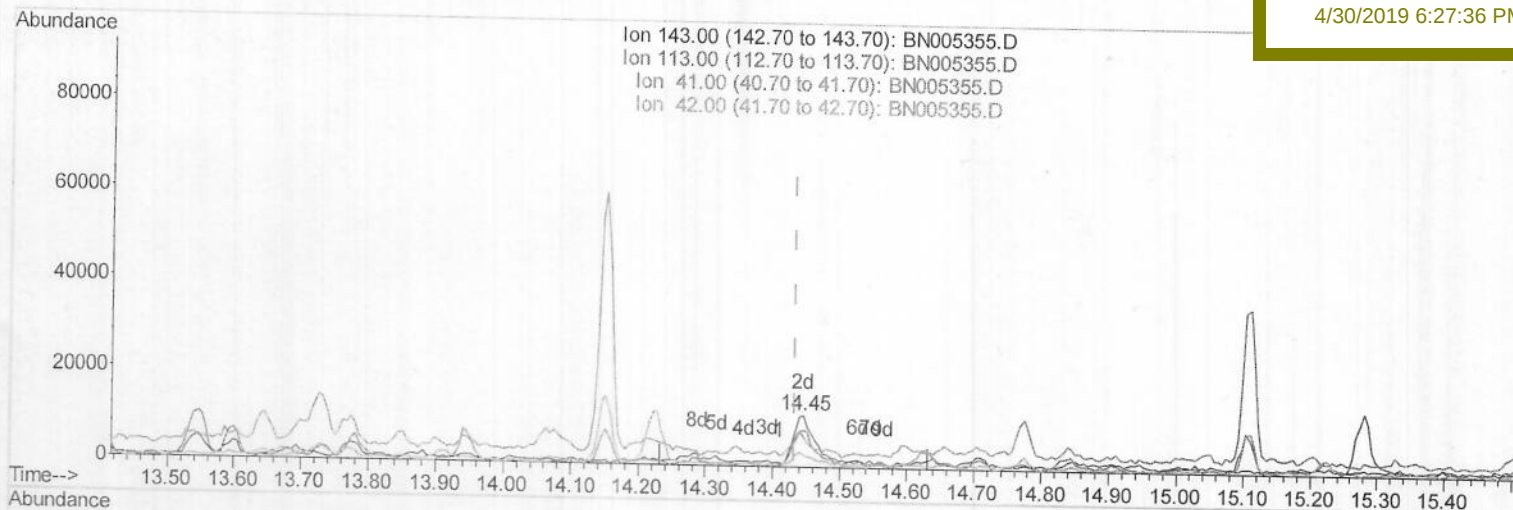
GAHP8DL

Manual Integrations

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Sohil

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(51) 4-Nitrophenol-d4 (S)

14.445min (+0.012) 3.10ng/ul m

response 24688

Ion Exp% Act%

143.00 100 100

113.00 82.50 71.97

41.00 47.90 59.54#

42.00 31.70 24.72#

SJ
05/03/19

Quantitation Report (Qedit)

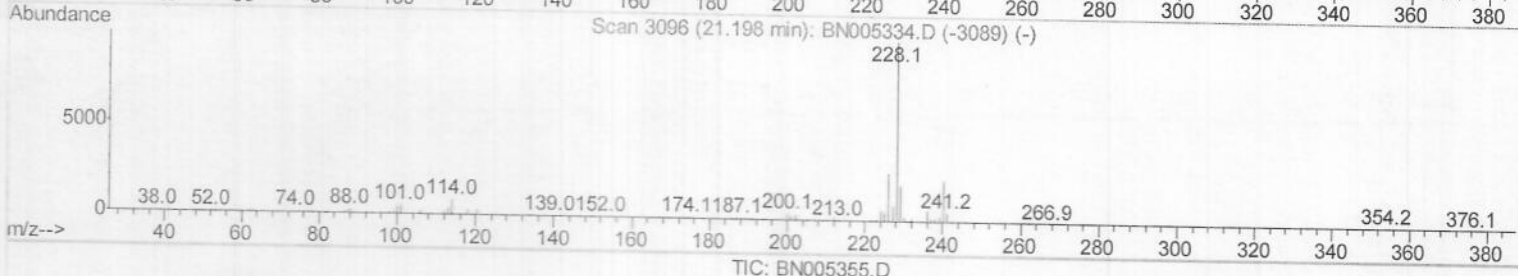
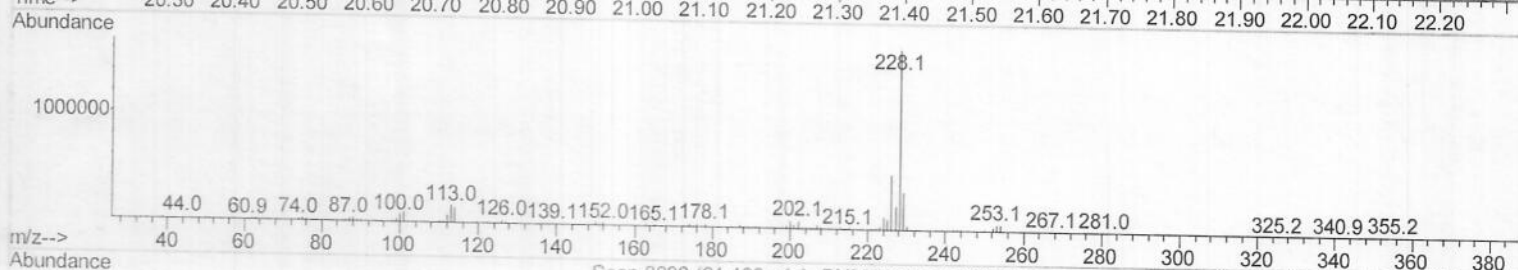
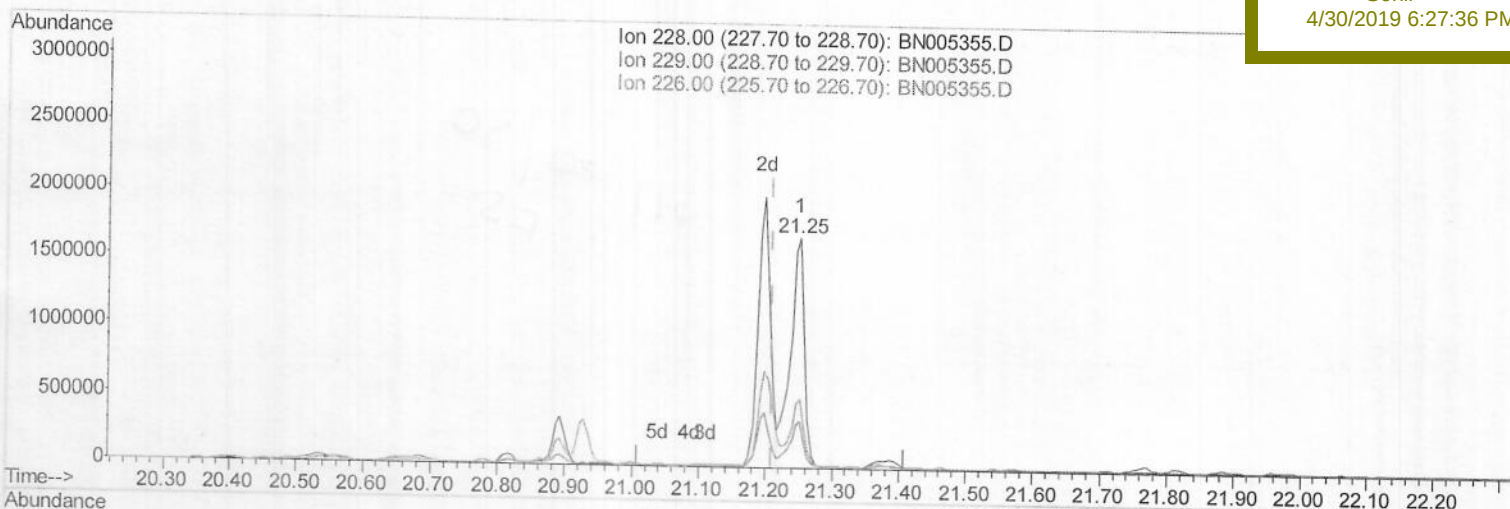
Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN042919\
 Data File : BN005355.D
 Acq On : 29 Apr 2019 17:26
 Operator : JU/SJ
 Sample : K2456-10DL 5X
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

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Instrument :
 BNA_N
ClientSampleId :
 GAHP8DL

Manual Integrations
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(82) Benzo(a)anthracene
 21.251min (+0.042) 28.06ng/ul
 response 2503699

Ion	Exp%	Act%
228.00	100	100
229.00	19.70	20.58
226.00	26.80	30.20
0.00	0.00	0.00

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Acq On : 29 Apr 2019 17:26

Operator : JU/SJ

Sample : K2456-10DL 5X

Misc :

ALS Vial : 6 Sample Multiplier: 1

Quant Time: Apr 30 00:53:14 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 :

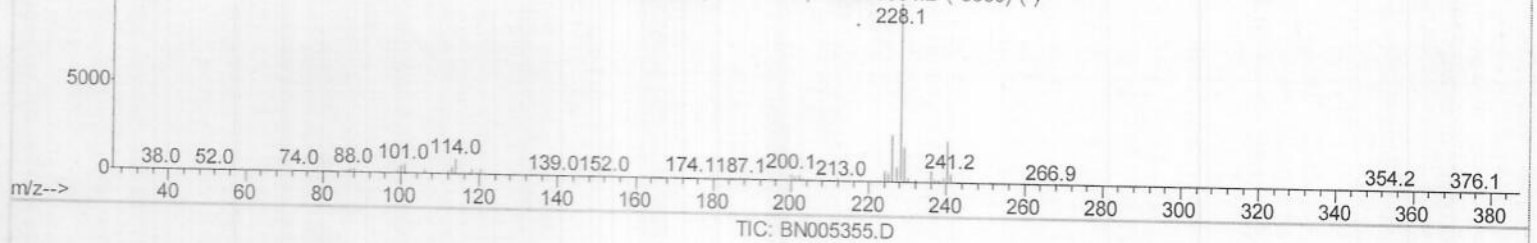
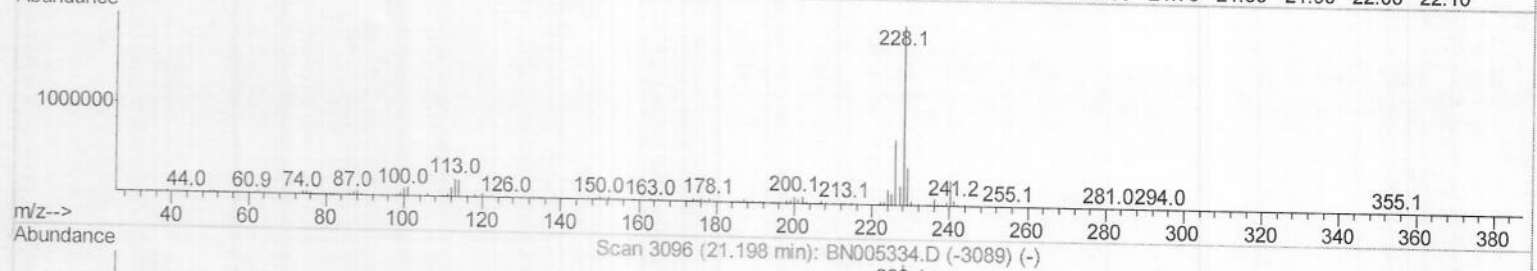
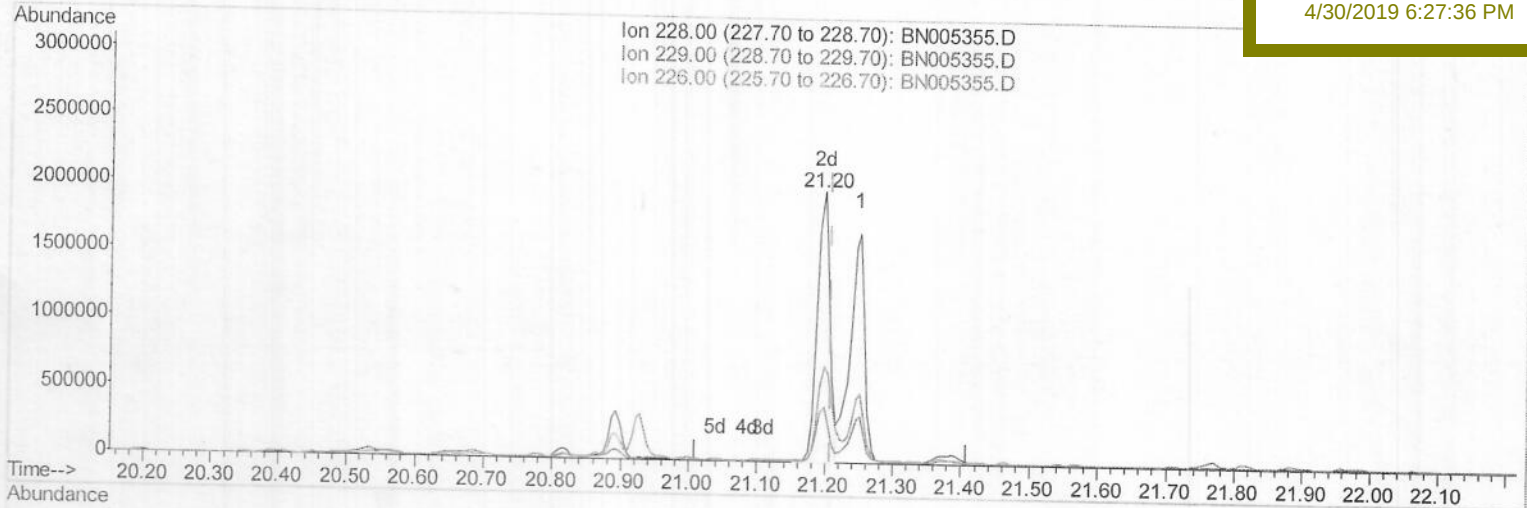
GAHP8DL

Manual Integrations

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Sohil

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(82) Benzo(a)anthracene

21.198min (-0.011) 28.79ng/ul m

response 2568984

Ion Exp% Act%

228.00 100 100

229.00 19.70 20.56

226.00 26.80 35.65#

0.00 0.00 0.00

SJ
05/03/19

Quantitation Report (Qedit)

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Operator : JU/SJ

Sample : K2456-10DL 5X

Misc :

ALS Vial : 6 Sample Multiplier: 1

Quant Time: Apr 30 00:53:14 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 :

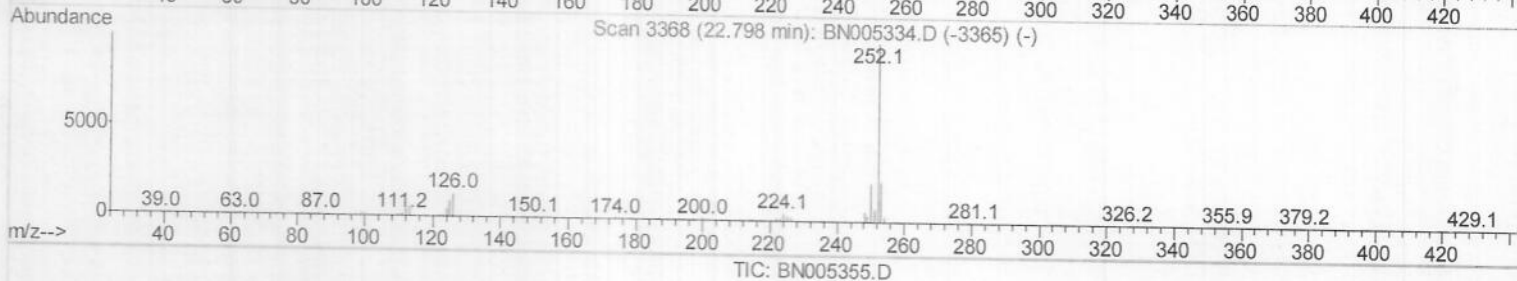
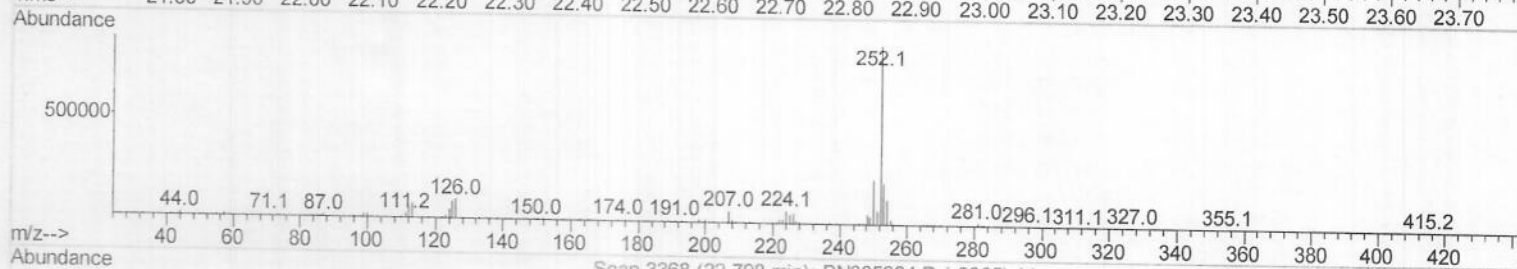
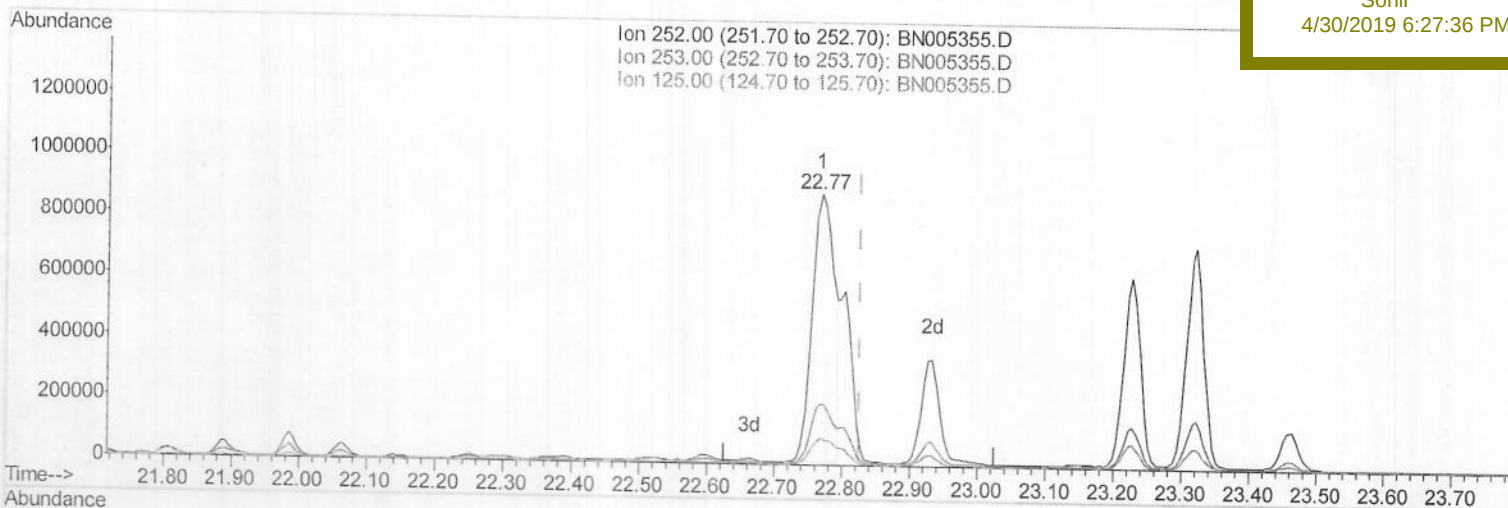
GAHP8DL

Manual Integrations

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(88) Benzo(k)fluoranthene

22.769min (-0.058) 21.79ng/ul

response 1983679

Ion	Exp%	Act%
252.00	100	100
253.00	21.70	22.84
125.00	9.40	9.98
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN042919\

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Acq On : 29 Apr 2019 17:26

Operator : JU/SJ

Sample : K2456-10DL 5X

Misc :

ALS Vial : 6 Sample Multiplier: 1

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Instrument :

BNA_N

ClientSampleId :

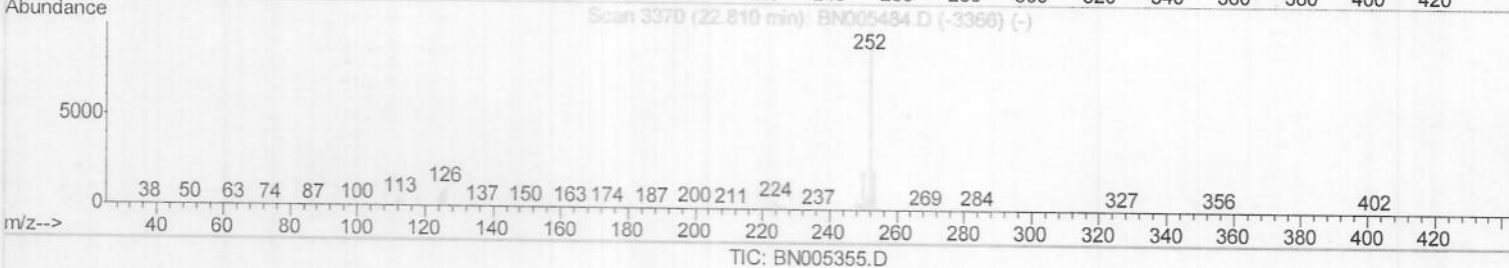
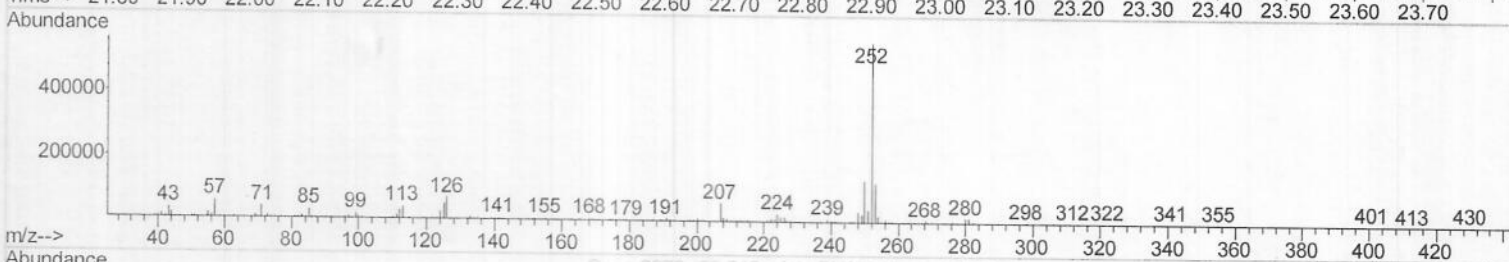
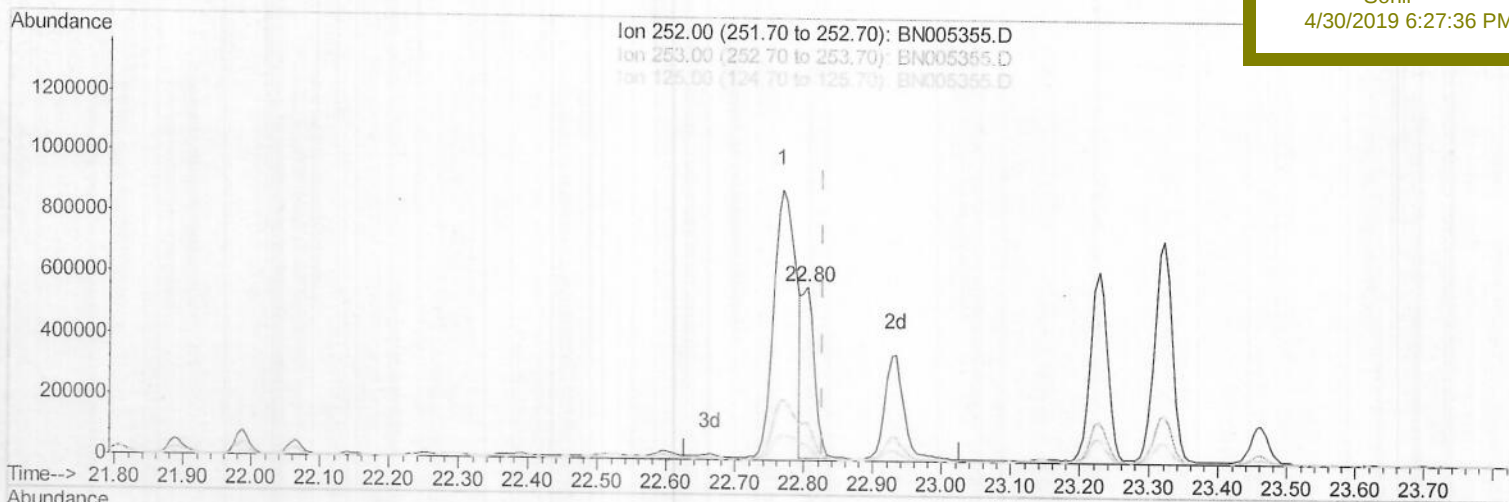
GAHP8DL

Manual Integrations

APPROVED

Sohil

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(88) Benzo(k)fluoranthene

22.804min (-0.023) 7.80ng/ul m

response 710519

Ion Exp% Act%

252.00 100 100

253.00 21.70 22.06

125.00 9.40 8.93

0.00 0.00 0.00

SJ
05/03/19

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 Data File : BN005355.D
 Acq On : 29 Apr 2019 17:26
 Operator : JU/SJ
 Sample : K2456-10DL 5X
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_N
 Client Sampled :
 GAHP8DL

Quant Time: Apr 30 01:22:04 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

Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.59	152	292308	20.00	ng/ul	0.00
18) Naphthalene-d8	10.35	136	1212767	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.22	164	695679	20.00	ng/ul	-0.01
61) Phenanthrene-d10	16.98	188	1510579	20.00	ng/ul	0.00
77) Chrysene-d12	21.21	240	1434392	20.00	ng/ul	-0.02
85) Perylene-d12	23.42	264	1695866	20.00	ng/ul	-0.02

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.22	96	5231	0.86	ng/uL	0.00
5) Phenol-d5	6.78	99	83584	3.64	ng/ul	0.00
7) Bis-(2-Chloroethyl) ether-d	6.94	67	53656	3.75	ng/ul	0.00
9) 2-Chlorophenol-d4	7.13	132	71976	4.10	ng/ul	0.00
13) 4-Methylphenol-d8	8.29	113	67023	3.73	ng/ul	0.00
19) Nitrobenzene-d5	8.73	128	36710	4.92	ng/ul	0.00
22) 2-Nitrophenol-d4	9.45	143	36585	4.83	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.99	165	66466	3.83	ng/ul	0.00
29) 4-Chloroaniline-d4	10.50	131	54231	3.03	ng/ul	0.00
43) Dimethylphthalate-d6	13.64	166	215992	4.28	ng/ul	-0.01
46) Acenaphthylene-d8	13.92	160	272268	4.39	ng/ul	0.00
51) 4-Nitrophenol-d4	14.45	143	24688m	3.10	ng/ul	0.01
57) Fluorene-d10	15.22	176	189500	4.47	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.36	200	17938	2.64	ng/ul	0.00
70) Anthracene-d10	17.07	188	285294	4.51	ng/ul	-0.01
78) Pyrene-d10	19.39	212	311279	4.24	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.27	264	315006	4.25	ng/ul	-0.03

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
28) Naphthalene	10.40	128	124029	2.200	ng/ul#	96
34) 2-Methylnaphthalene	12.02	142	485806	11.768	ng/ul	98
47) Acenaphthylene	13.95	152	2022113	33.174	ng/ul	98
49) Acenaphthene	14.29	153	212840	5.115	ng/ul	98
53) Dibenzofuran	14.63	168	103937	1.735	ng/ul	87
58) Fluorene	15.28	166	1073314	22.958	ng/ul	97
69) Phenanthrene	17.02	178	5606366	76.207	ng/ul	99
71) Anthracene	17.11	178	772205	10.304	ng/ul	99
76) Fluoranthene	19.06	202	3588289	43.974	ng/ul	98
79) Pvrene	19.43	202	6595728	71.416	ng/ul	96
82) Benzo(a)anthracene	21.20	228	2568984m	28.789	ng/ul	99
84) Chrysene	21.25	228	2503038	30.224	ng/ul	99
87) Benzo(b)fluoranthene	22.77	252	1983679	20.809	ng/ul	99
88) Benzo(k)fluoranthene	22.80	252	710519m	7.804	ng/ul	98
90) Benzo(a)pyrene	23.32	252	1291011	14.408	ng/ul	98
91) Indeno(1,2,3-cd)pyrene	25.59	276	913712	9.223	ng/ul	96
92) Dibenzo(a,h)anthracene	25.60	278	299092	3.557	ng/ul	98
93) Benzo(a,h,i)perylene	26.26	276	782184	9.549	ng/ul	96

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