

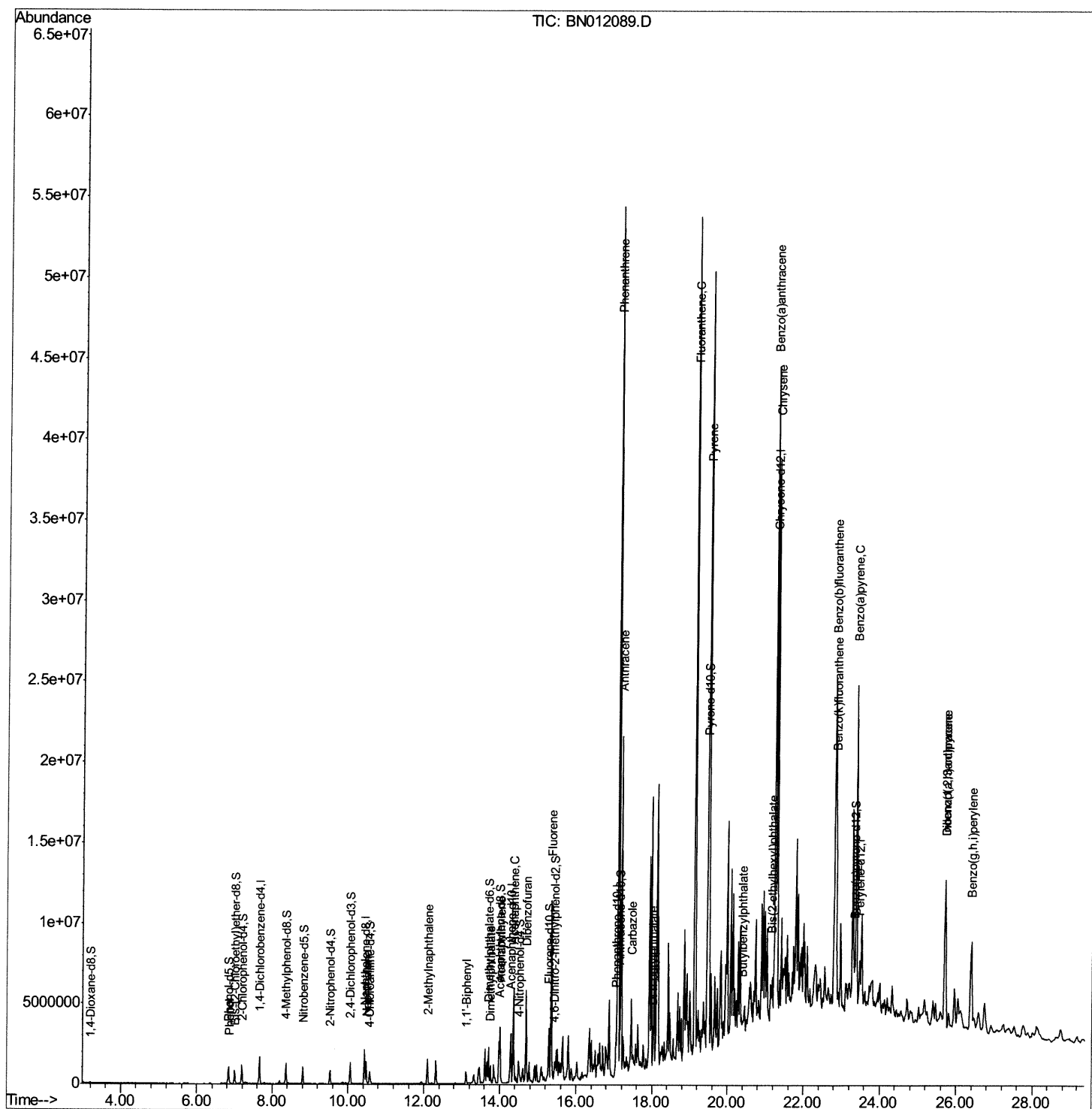
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN100520\
Data File : BN012089.D
Acq On : 06 Oct 2020 13:40
Operator : CG/JU
Sample : L4184-16
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C0AP2

Manual Integrations
APPROVED

mohammad
10/7/2020 10:37:16 AM

Quant Time: Oct 06 15:21:48 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN100220.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Oct 02 16:22:43 2020
Response via : Initial Calibration



Quantitation Report (Qedit)

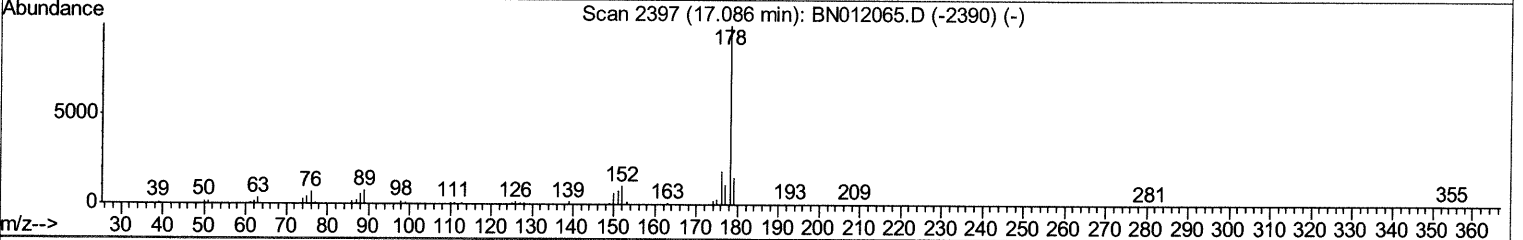
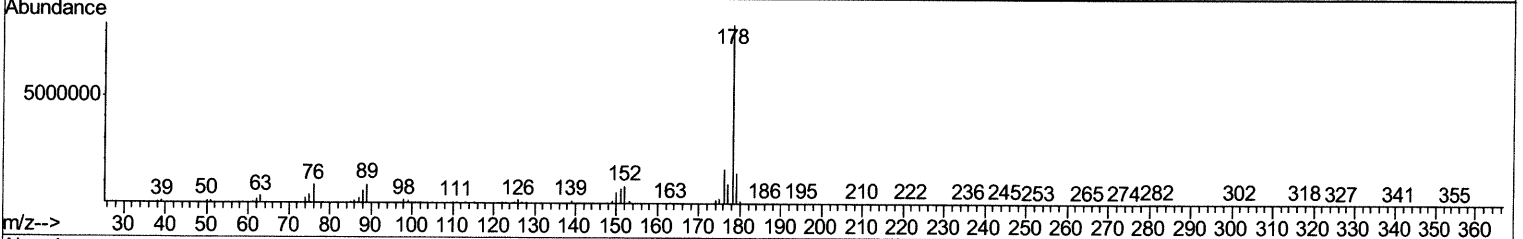
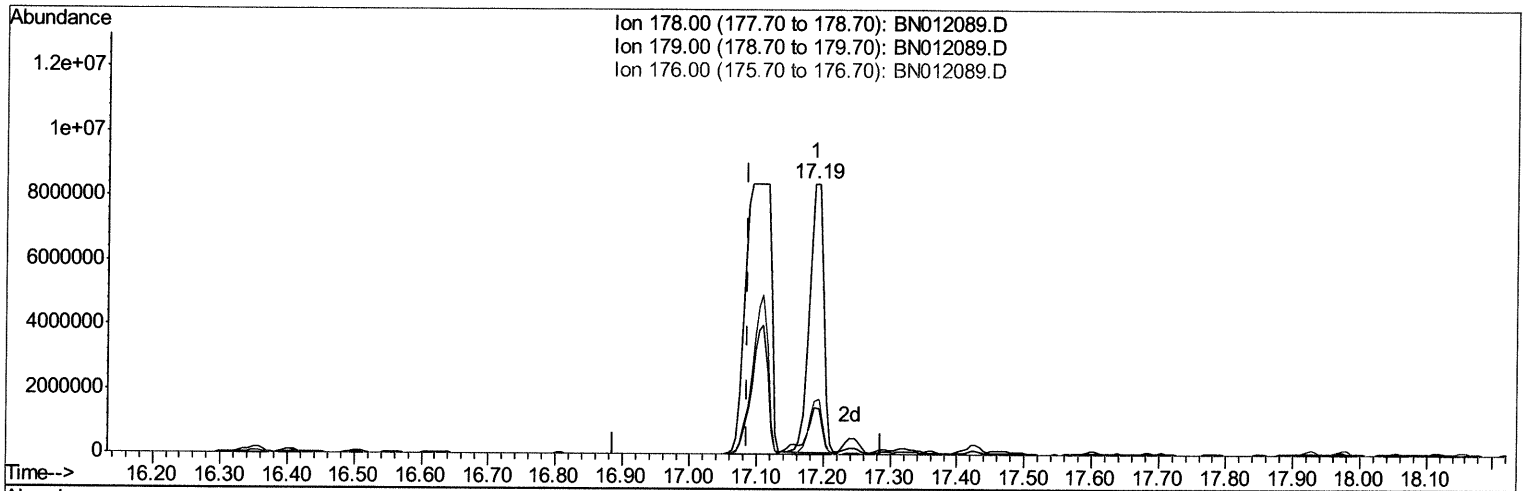
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TIC: BN012089.D

(70) Phenanthrene
 17.186min (+0.100) 113.12ng/ul
 response 12171248

Ion	Exp%	Act%
178.00	100	100
179.00	15.20	17.21
176.00	19.30	19.54
0.00	0.00	0.00

Quantitation Report (Qedit)

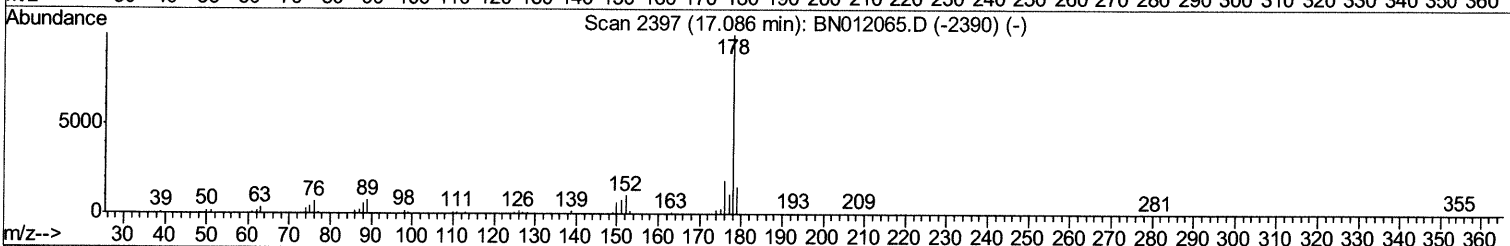
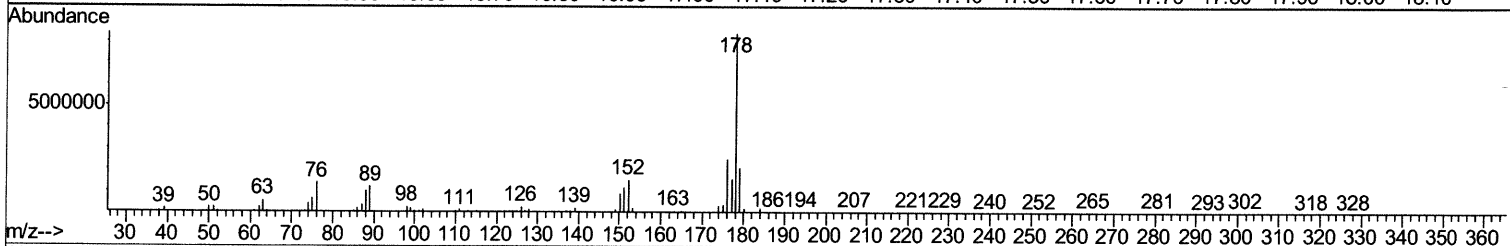
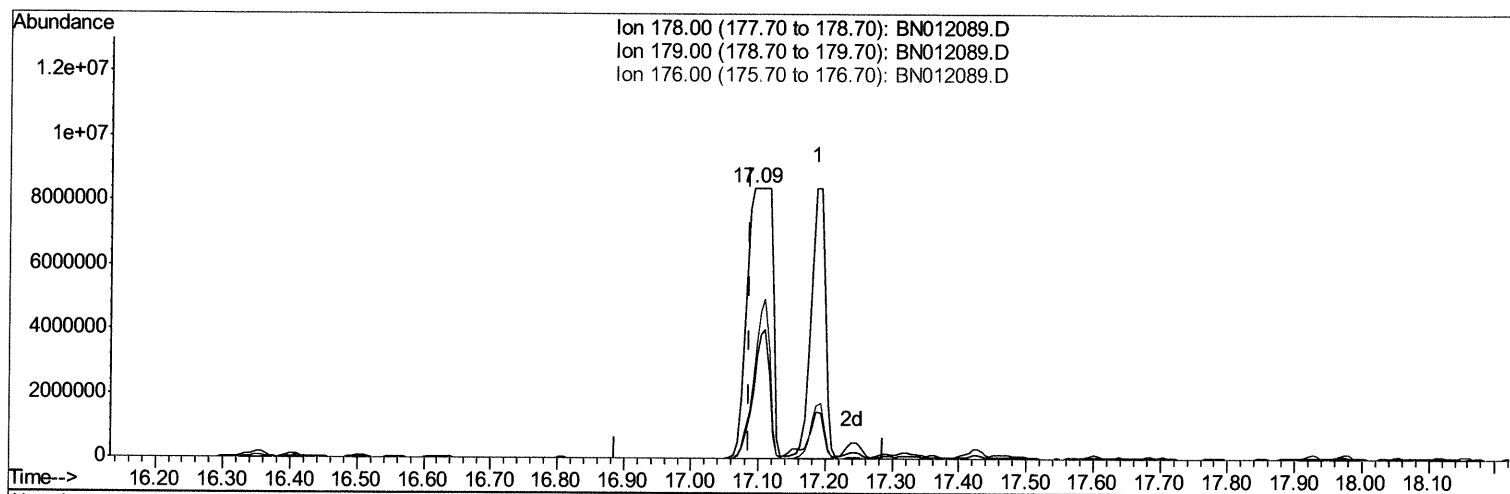
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TIC: BN012089.D

(70) Phenanthrene

17.092min (+0.006) 204.18ng/ul m 10/08/20 JU

response 21969535

Ion	Exp%	Act%
178.00	100	100
179.00	15.20	24.78#
176.00	19.30	29.16#
0.00	0.00	0.00

Quantitation Report (Qedit)

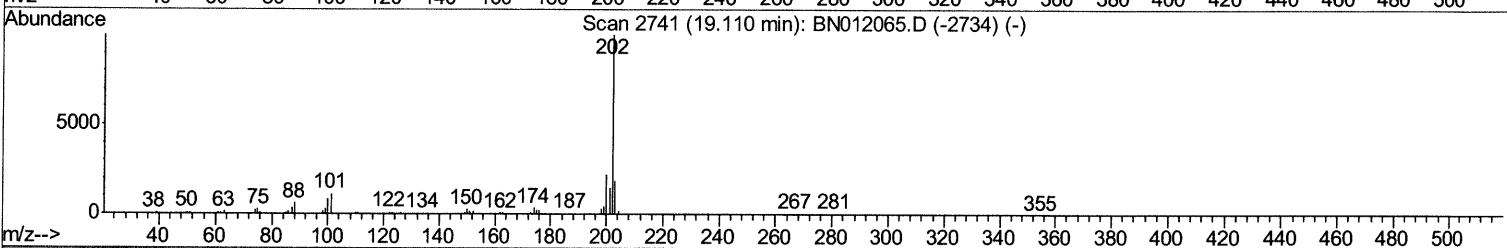
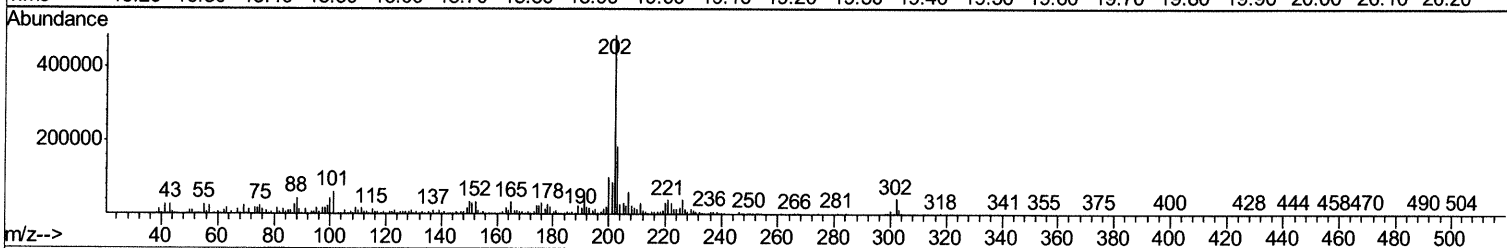
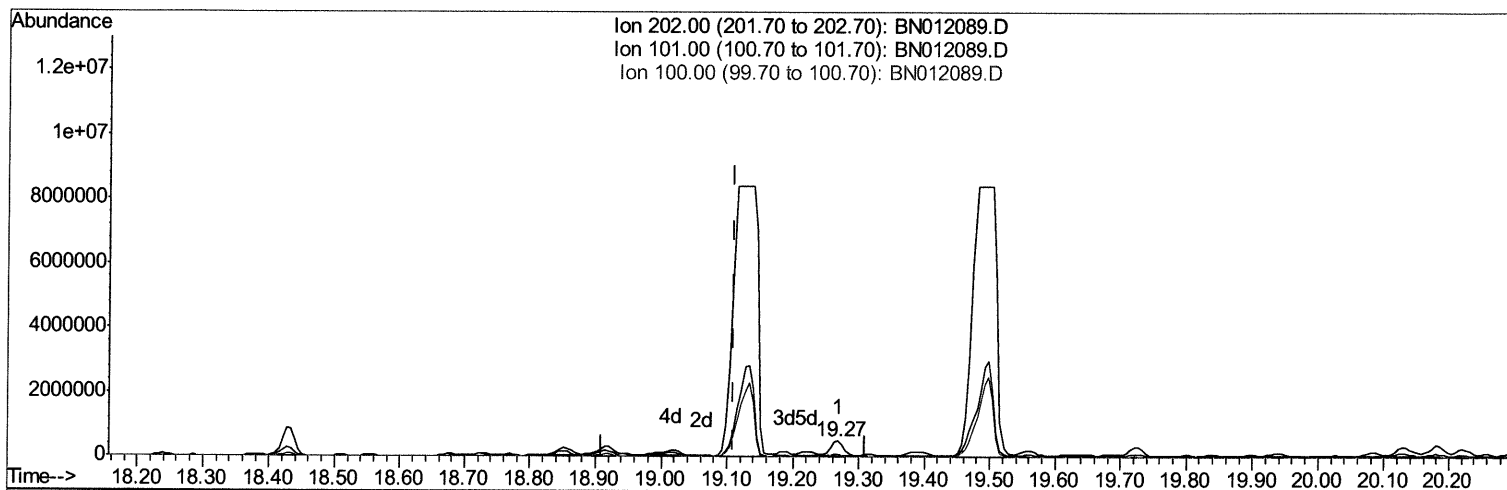
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Instrument :
 BNA_N
ClientSampled :
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Manual Integrations
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TIC: BN012089.D

(77) Fluoranthene (C)

19.268min (+0.159) 4.82ng/ul

response 582032

Ion	Exp%	Act%
202.00	100	100
101.00	10.80	12.47
100.00	8.20	8.98
0.00	0.00	0.00

Quantitation Report (Qedit)

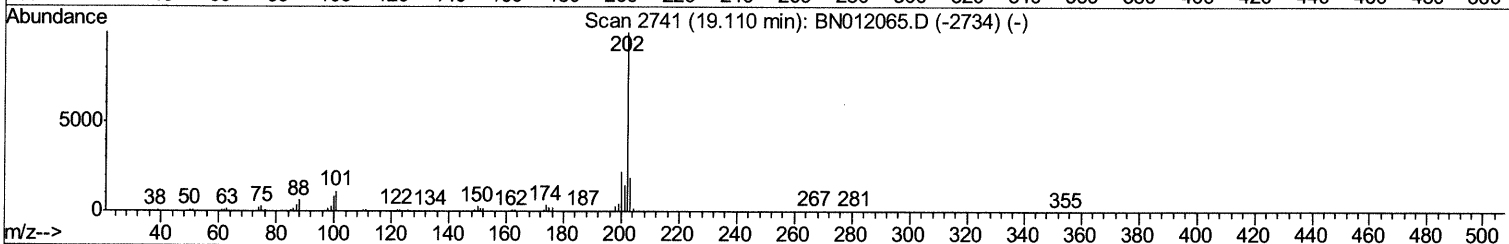
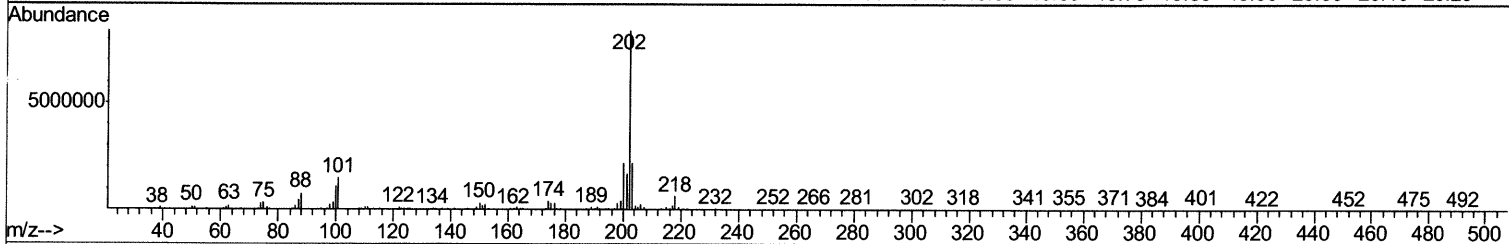
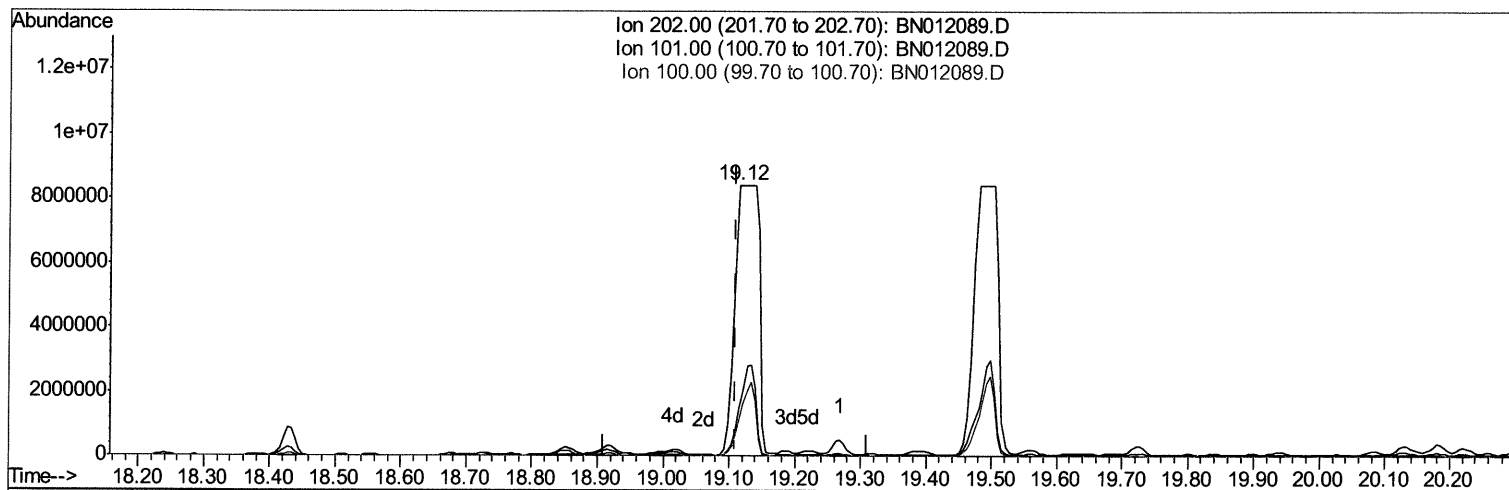
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Sample : L4184-16
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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Manual Integrations
APPROVED

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TIC: BN012089.D

(77) Fluoranthene (C)

19.115min (+0.006) 174.72ng/ul m 10/06/20 JU

response 21115197

Ion	Exp%	Act%
202.00	100	100
101.00	10.80	17.66#
100.00	8.20	13.11#
0.00	0.00	0.00

Quantitation Report (Qedit)

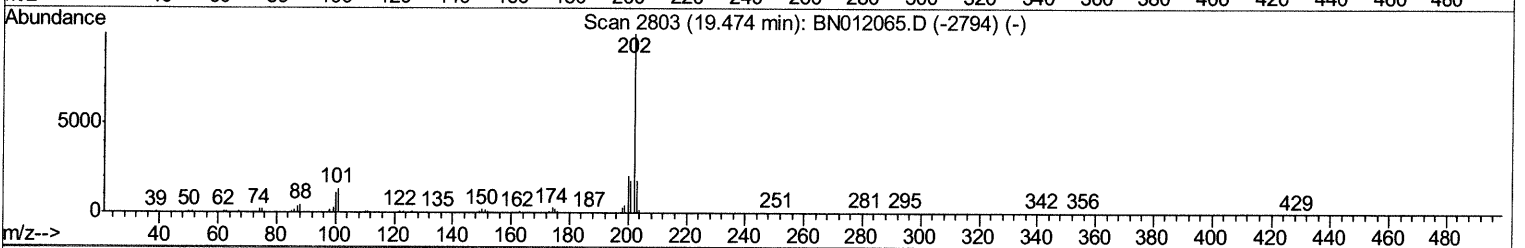
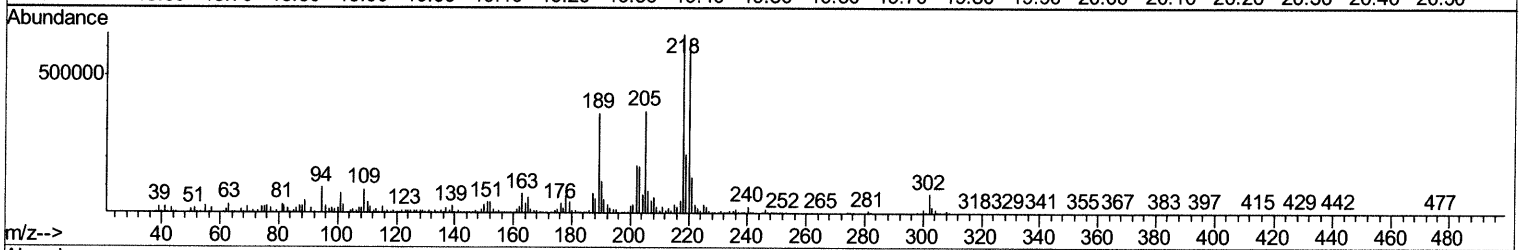
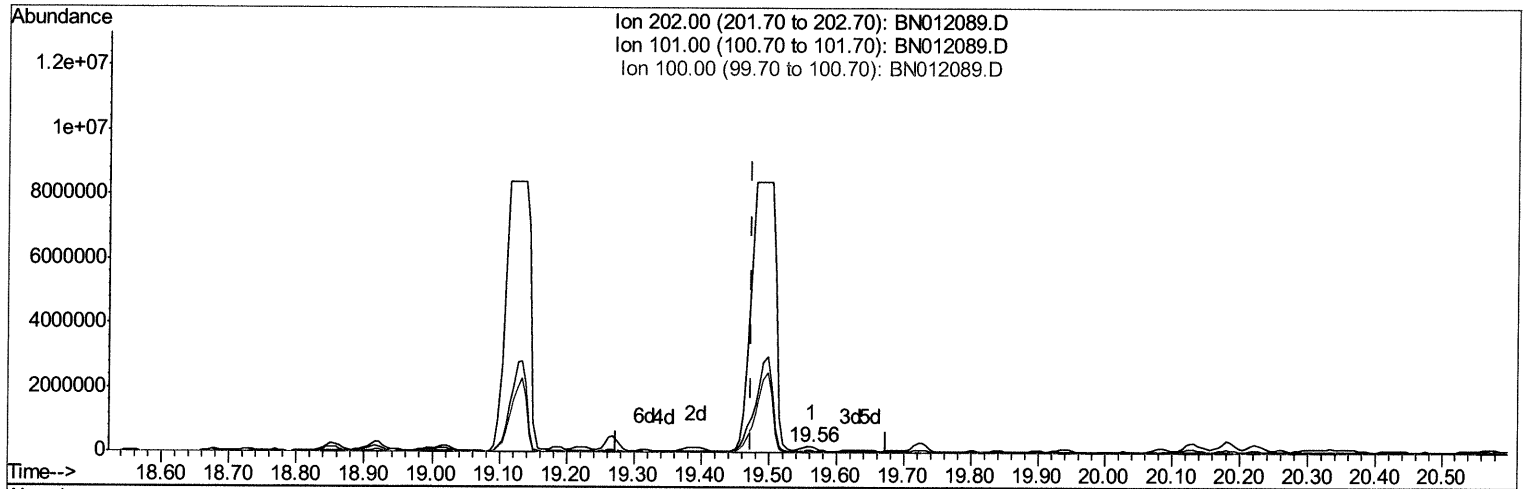
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN100520\
 Data File : BN012089.D
 Acq On : 06 Oct 2020 13:40
 Operator : CG/JU
 Sample : L4184-16
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
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Manual Integrations
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TIC: BN012089.D

(80) Pyrene

19.562min (+0.088) 2.17ng/ul

response 269885

Ion	Exp%	Act%
202.00	100	100
101.00	12.70	40.18#
100.00	11.00	11.25
0.00	0.00	0.00

Quantitation Report (Qedit)

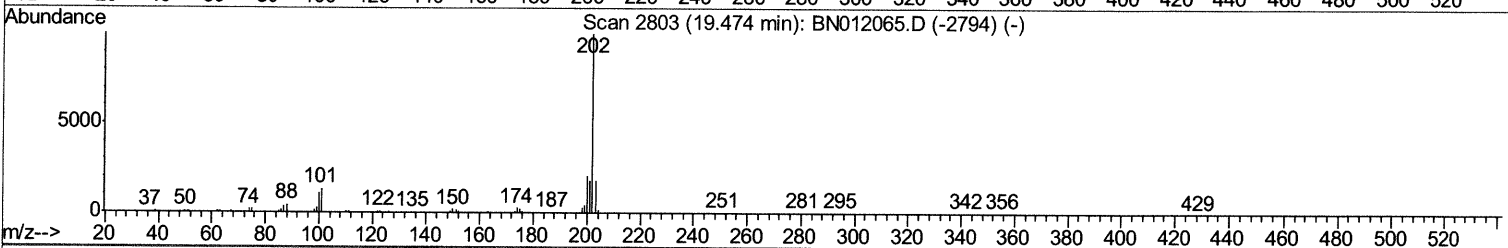
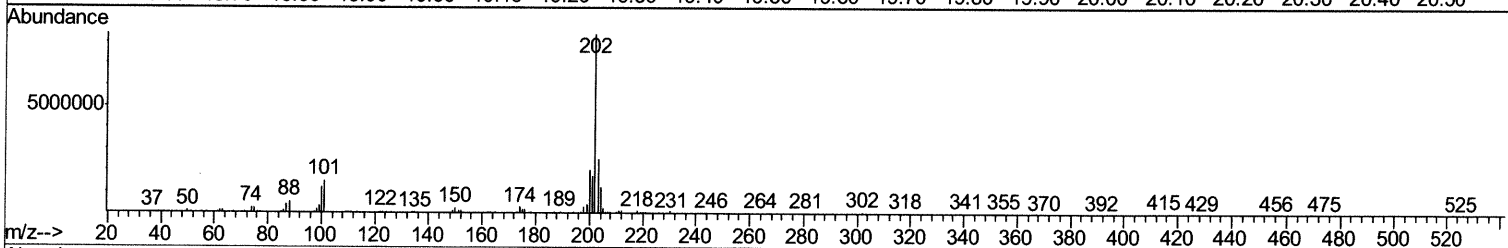
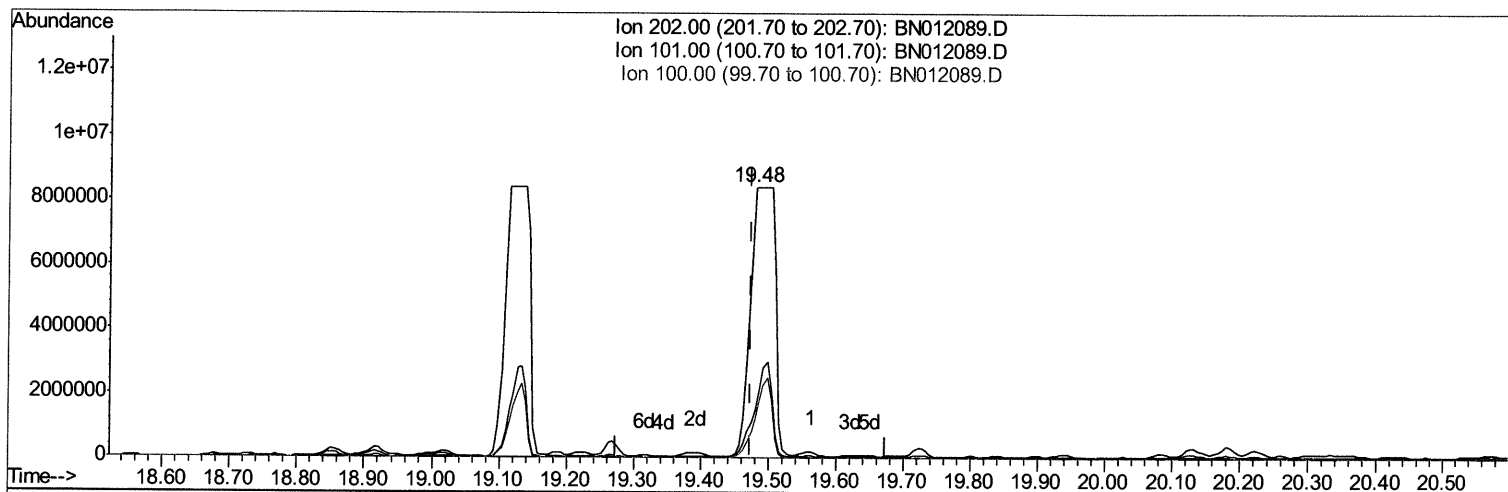
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 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
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Manual Integrations
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TIC: BN012089.D

(80) Pyrene

19.480min (+0.006) 170.63ng/ul m 10/08/2020

response 21174238

Ion	Exp%	Act%
202.00	100	100
101.00	12.70	17.96#
100.00	11.00	14.44#
0.00	0.00	0.00

Quantitation Report (Qedit)

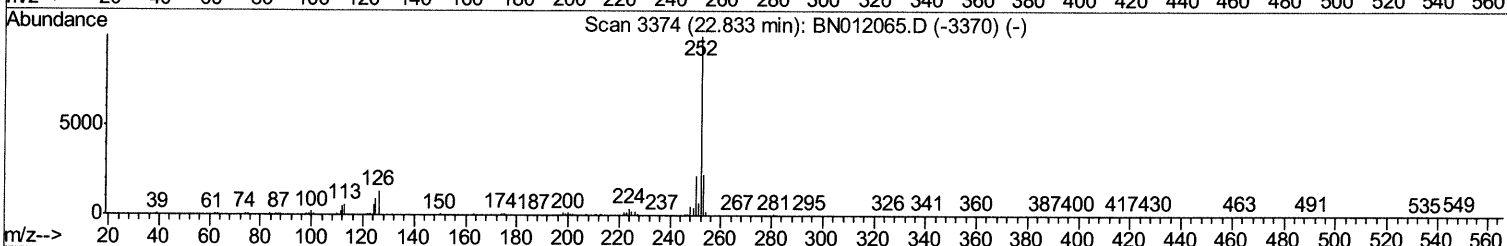
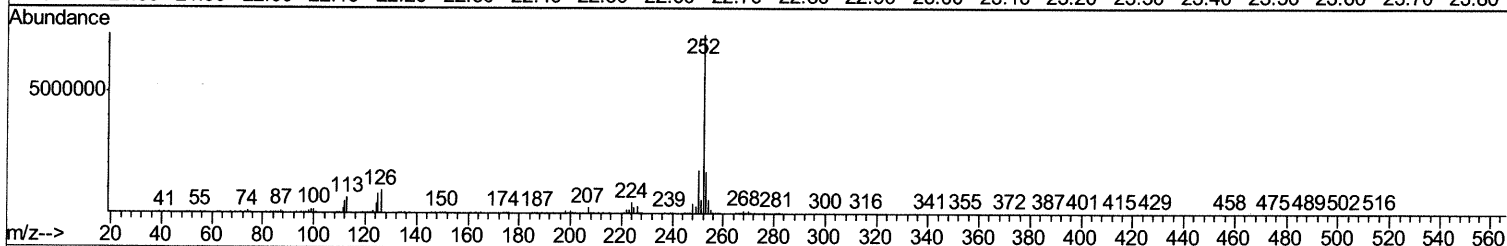
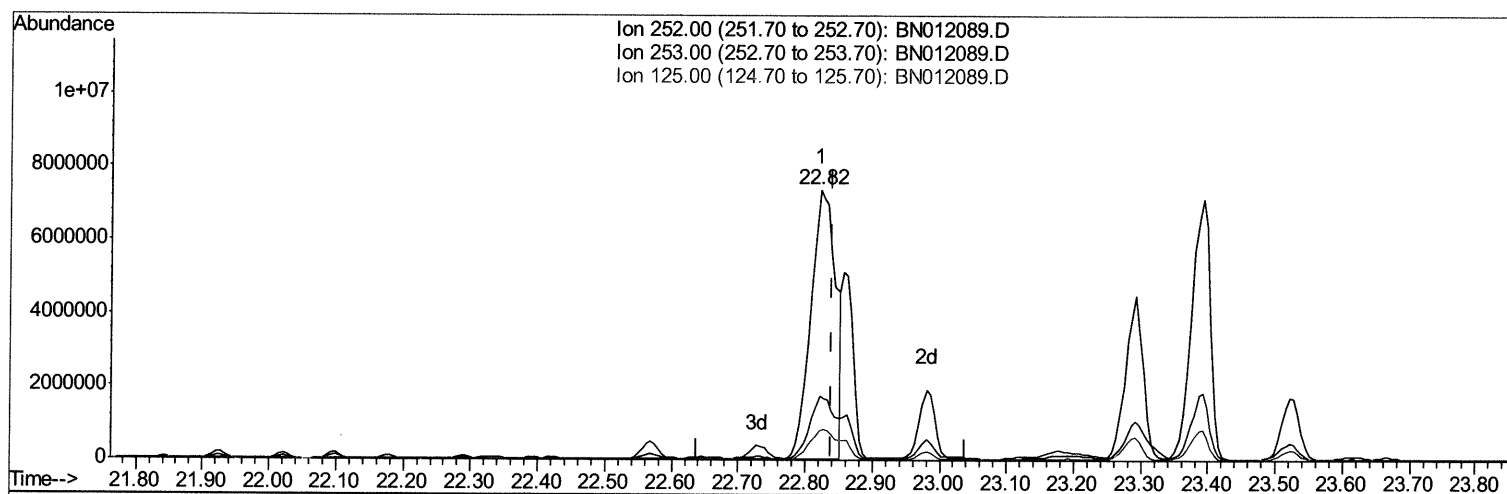
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Manual Integrations
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TIC: BN012089.D

(89) Benzo(k)fluoranthene

22.821min (-0.018) 136.82ng/ui

response 18799076

Ion	Exp%	Act%
252.00	100	100
253.00	22.60	23.66
125.00	9.60	10.71
0.00	0.00	0.00

Quantitation Report (Qedit)

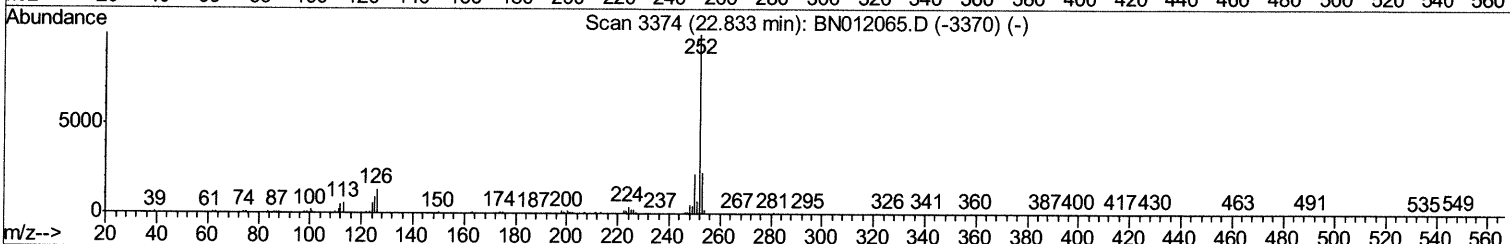
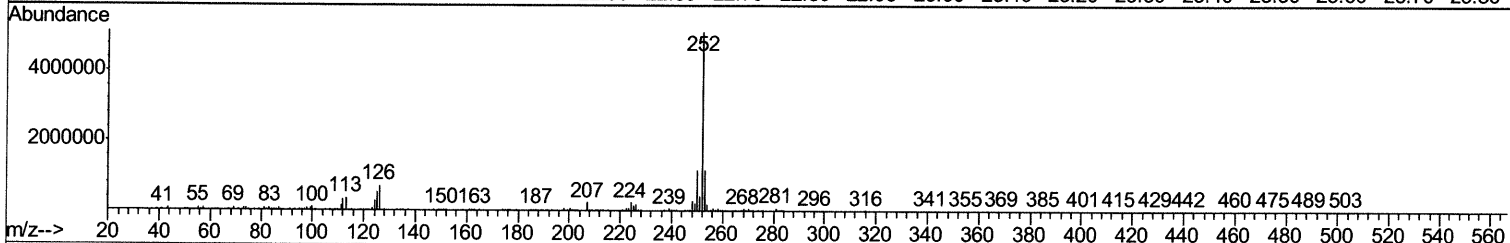
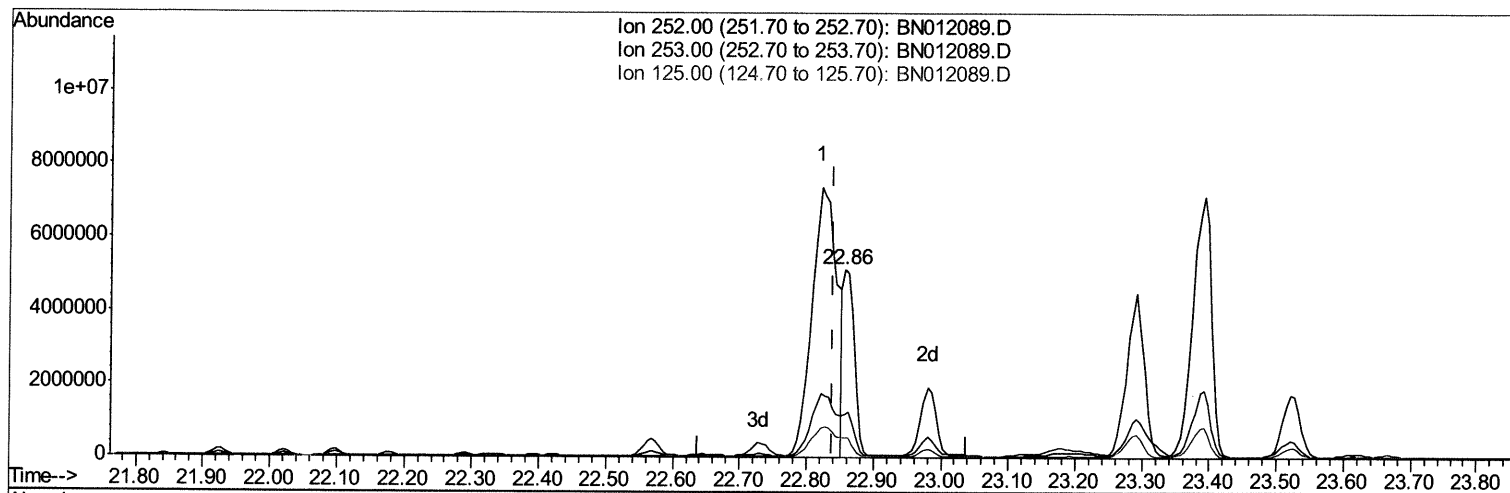
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 Sample : L4184-16
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
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Manual Integrations
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TIC: BN012089.D

(89) Benzo(k)fluoranthene

22.856min (+0.018) 43.09ng/ul m

10/6/2020

response 5919786

Ion	Exp%	Act%
252.00	100	100
253.00	22.60	22.93
125.00	9.60	10.16
0.00	0.00	0.00

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	411995	20.00	ng/ul	0.00
18) Naphthalene-d8	10.43	136	1672293	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.30	164	956808	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.05	188	1766168	20.00	ng/ul	0.00
78) Chrysene-d12	21.26	240	1720397	20.00	ng/ul	0.02
86) Perylene-d12	23.47	264	1991085	20.00	ng/ul	0.02

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.20	96	27514	2.91	ng/uL	0.00
5) Phenol-d5	6.83	99	570460	16.59	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.00	67	353401	16.73	ng/ul	0.00
9) 2-Chlorophenol-d4	7.19	132	467764	16.82	ng/ul	0.00
13) 4-Methylphenol-d8	8.36	113	459972	16.99	ng/ul	0.00
19) Nitrobenzene-d5	8.80	128	219997	16.57	ng/ul	0.00
22) 2-Nitrophenol-d4	9.52	143	238116	16.58	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.05	165	449130	16.31	ng/ul	0.00
29) 4-Chloroaniline-d4	10.57	131	425548	13.11	ng/ul	0.00
44) Dimethylphthalate-d6	13.71	166	1390707	18.53	ng/ul	0.00
47) Acenaphthylene-d8	13.99	160	1646573	18.38	ng/ul	0.00
52) 4-Nitrophenol-d4	14.50	143	200136	14.48	ng/ul	0.00
58) Fluorene-d10	15.29	176	1129497	17.24	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.43	200	64492	5.72	ng/ul	0.01
71) Anthracene-d10	17.15	188	1574881	18.39	ng/ul	0.00
79) Pyrene-d10	19.46	212	1673341	18.49	ng/ul	0.01
90) Benzo(a)pyrene-d12	23.33	264	1805671	16.16	ng/ul	0.02

Target Compounds

					Ovalue	
6) Phenol	6.86	94	43765	1.224	ng/ul	97
28) Naphthalene	10.48	128	1034707	10.811	ng/ul	99
34) 2-Methylnaphthalene	12.10	142	711292	10.813	ng/ul	93
41) 1,1'-Biphenyl	13.12	154	325951	4.113	ng/ul	99
45) Dimethylphthalate	13.76	163	612511	7.920	ng/ul	100
48) Acenaphthylene	14.02	152	2104895	22.361	ng/ul	98
50) Acenaphthene	14.36	153	2251921	33.286	ng/ul	99
54) Dibenzofuran	14.70	168	2770784	30.019	ng/ul	100
59) Fluorene	15.35	166	4588714	59.303	ng/ul	99
70) Phenanthrene	17.09	178	21969535m	204.180	ng/ul	> 10/08/20 JU
72) Anthracene	17.19	178	12151001	111.839	ng/ul	98
75) Carbazole	17.45	167	2335324	24.755	ng/ul	99
76) Di-n-butylphthalate	18.02	149	678195	5.661	ng/ul#	93
77) Fluoranthene	19.12	202	21115197m	174.718	ng/ul	3
80) Pyrene	19.48	202	21174238m	170.627	ng/ul	3 10/08/20 JU
81) Butylbenzylphthalate	20.39	149	111256	2.181	ng/ul#	94
83) Benzo(a)anthracene	21.24	228	16230314	140.037	ng/ul#	82
84) Bis(2-ethylhexyl)phthalate	21.17	149	589750	7.532	ng/ul	96
85) Chrysene	21.30	228	14893920	130.717	ng/ul#	76
88) Benzo(b)fluoranthene	22.82	252	18799076	134.776	ng/ul	98
89) Benzo(k)fluoranthene	22.86	252	5919786m	43.085	ng/ul	> 10/08/20 JU
91) Benzo(a)pyrene	23.39	252	13804061	109.098	ng/ul#	93
92) Indeno(1,2,3-cd)pyrene	25.70	276	8117542	50.243	ng/ul	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) Dibenzo(a,h)anthracene	25.71	278	2626566	19.734	ng/ul	92
94) Benzo(q,h,i)perylene	26.40	276	6435933	46.775	ng/ul	98

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