

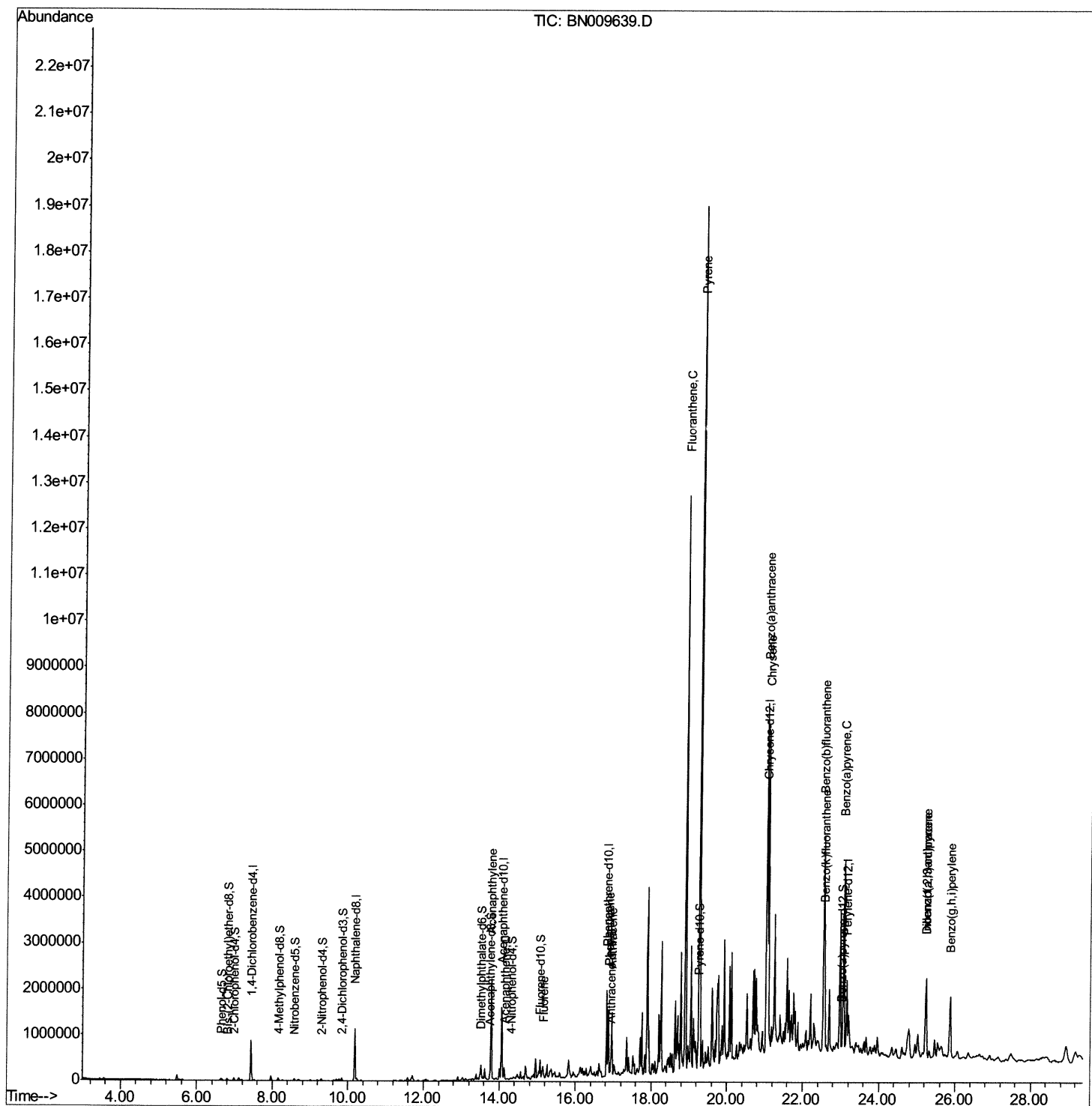
Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN020620\
Data File : BN009639.D
Acq On : 07 Feb 2020 09:35
Operator : CG/JU
Sample : L1324-19 10X
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
GAT74

Manual Integrations
APPROVED

mohammad
2/10/2020 8:20:37 AM

Quant Time: Feb 07 14:10:12 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN020320MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Feb 07 11:12:58 2020
Response via : Initial Calibration



Quantitation Report (Qedit)

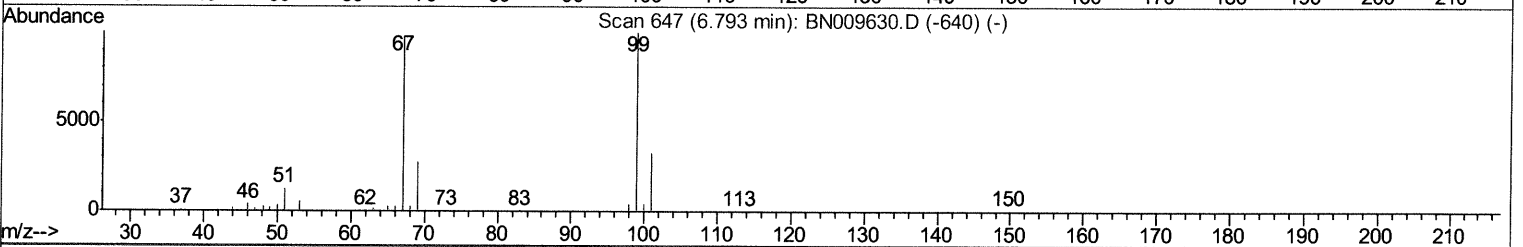
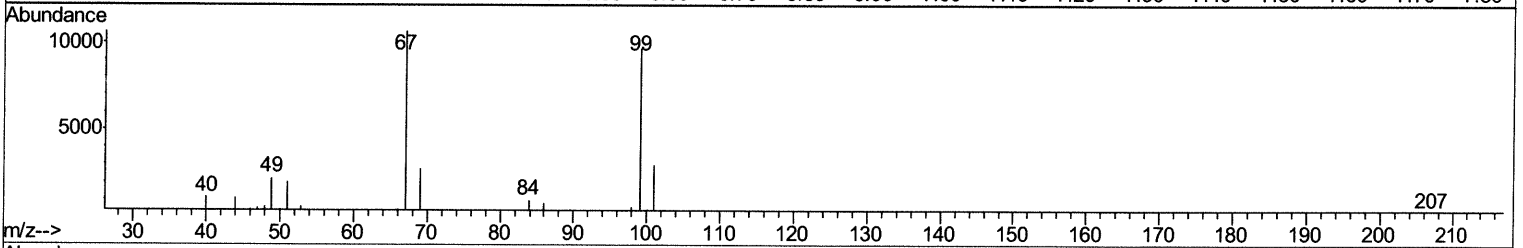
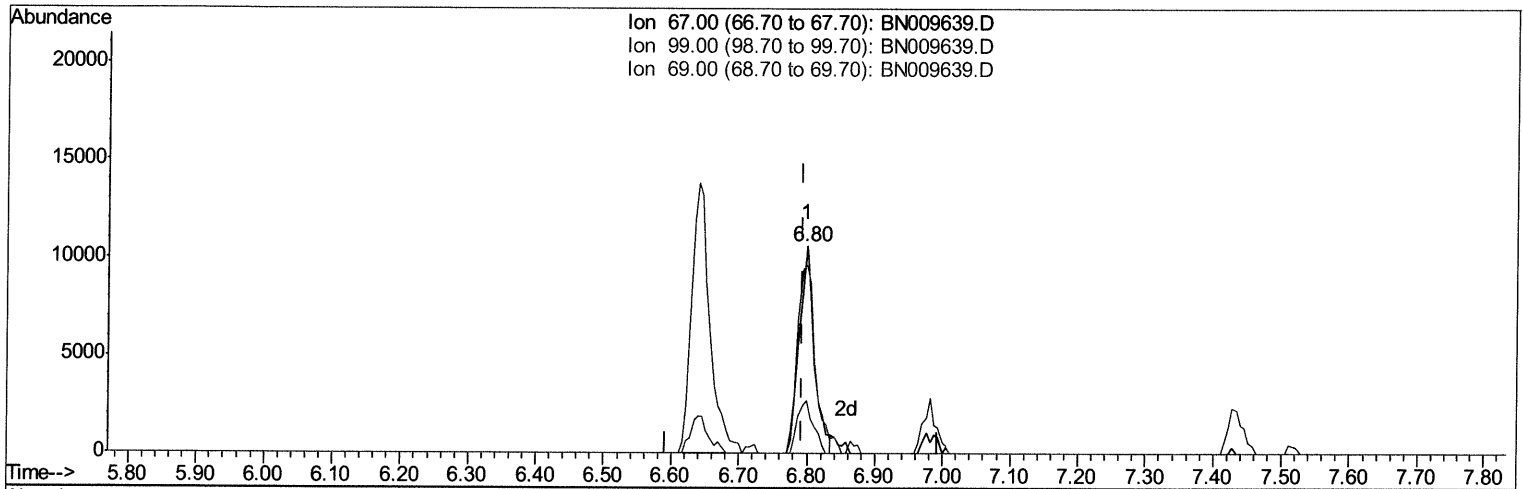
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TIC: BN009639.D

(7) Bis-(2-Chloroethyl)ether-d8 (S)

6.799min (+0.006) 1.43ng/ul

response 16502

Ion	Exp%	Act%
67.00	100	100
99.00	108.20	90.59
69.00	29.50	25.65
0.00	0.00	0.00

Quantitation Report (Qedit)

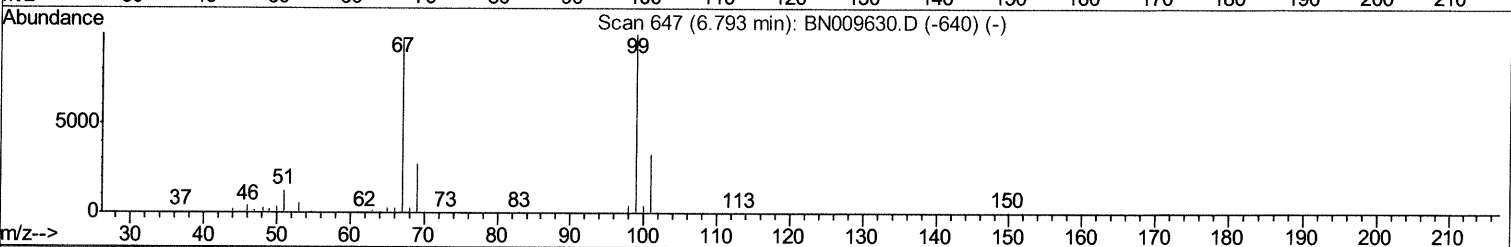
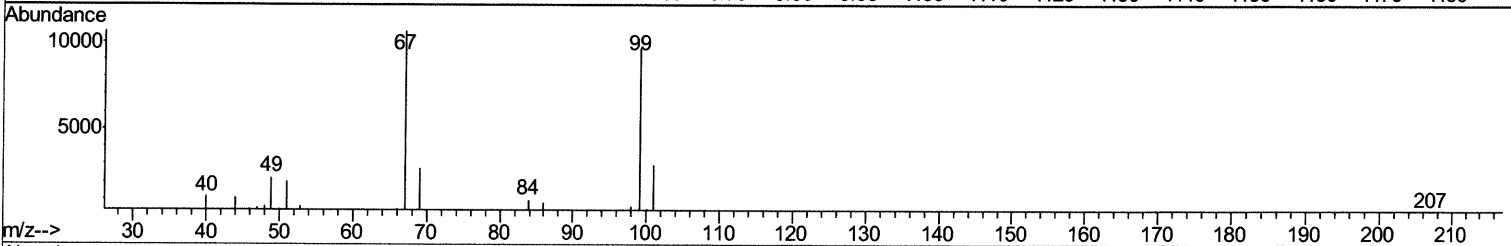
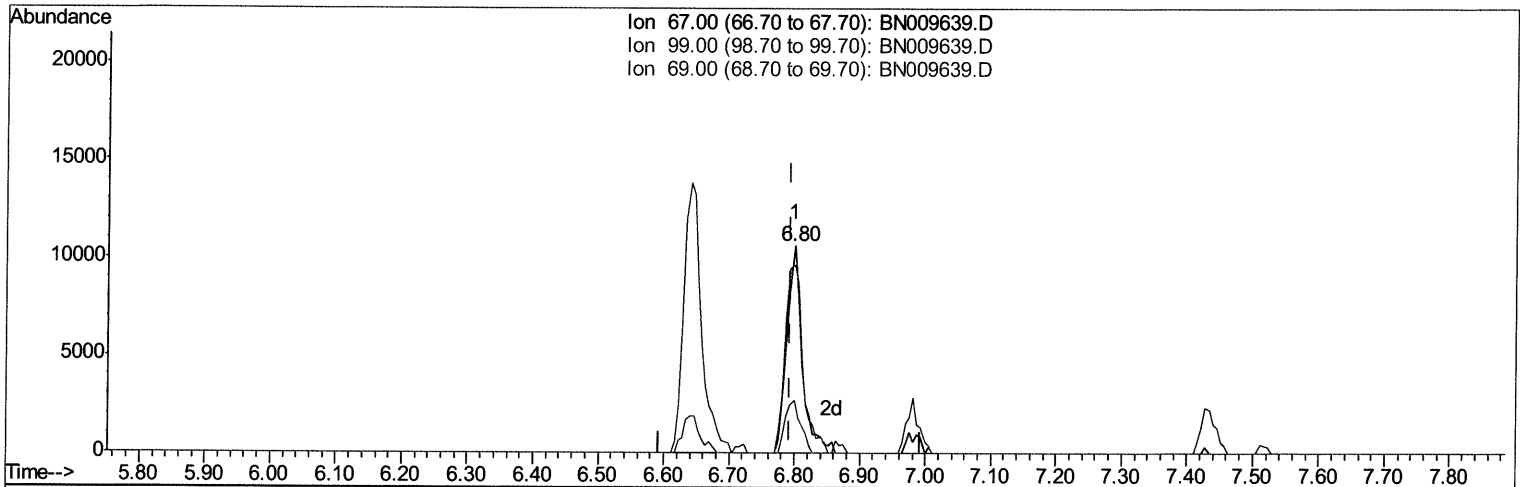
Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN020620\
 Data File : BN009639.D
 Acq On : 07 Feb 2020 09:35
 Operator : CG/JU
 Sample : L1324-19 10X
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
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Manual Integrations
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 Response via : Initial Calibration



TIC: BN009639.D

(7) Bis-(2-Chloroethyl)ether-d8 (S)

6.799min (+0.006) 1.50ng/ul m JU 02/13/20

response 17287

Ion	Exp%	Act%
67.00	100	100
99.00	108.20	90.59
69.00	29.50	25.65
0.00	0.00	0.00

Quantitation Report (Qedit)

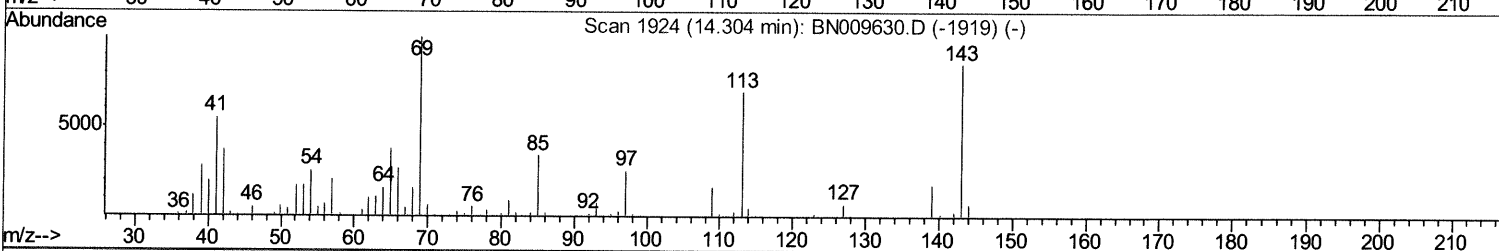
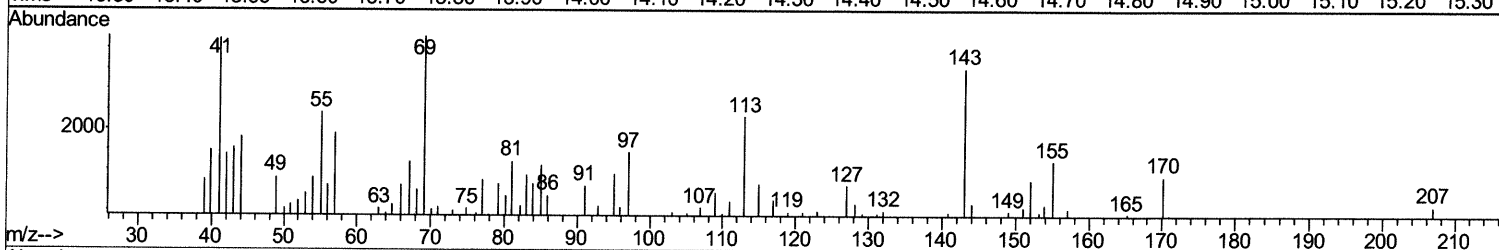
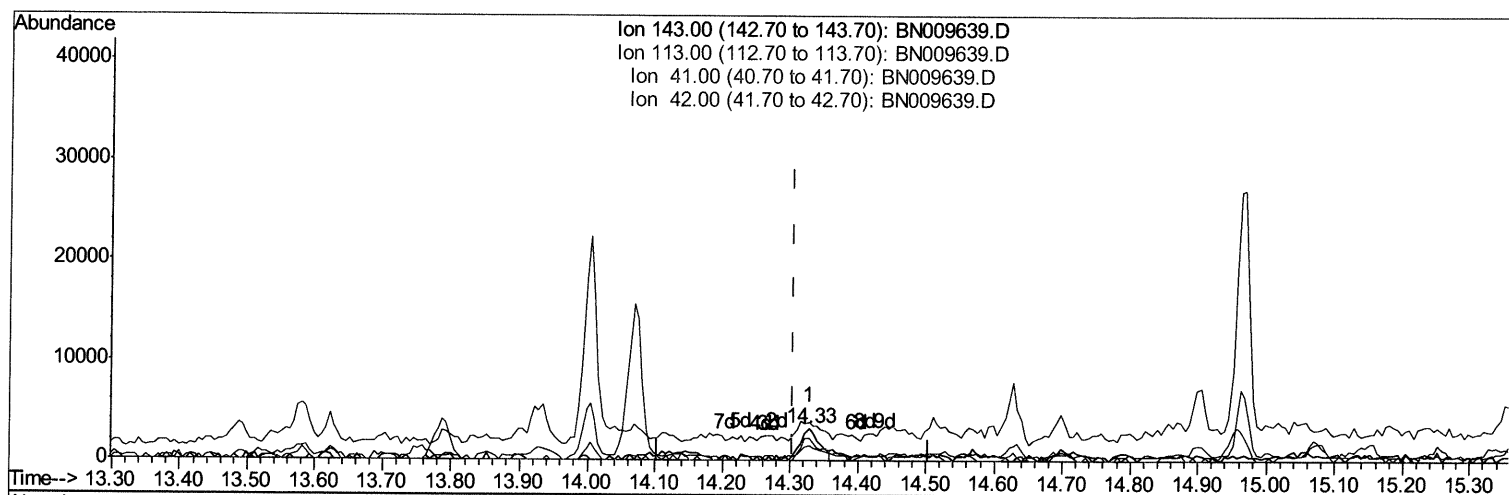
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Data File : BN009639.D
Acq On : 07 Feb 2020 09:35
Operator : CG/JU
Sample : L1324-19 10X
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument :
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TIC: BN009639.D

(51) 4-Nitrophenol-d4 (S)

14.328min (+0.024) 0.91ng/ul

response 6306

Ion	Exp%	Act%
143.00	100	100
113.00	77.90	70.09
41.00	65.40	117.85#
42.00	43.30	47.24

Quantitation Report (Qedit)

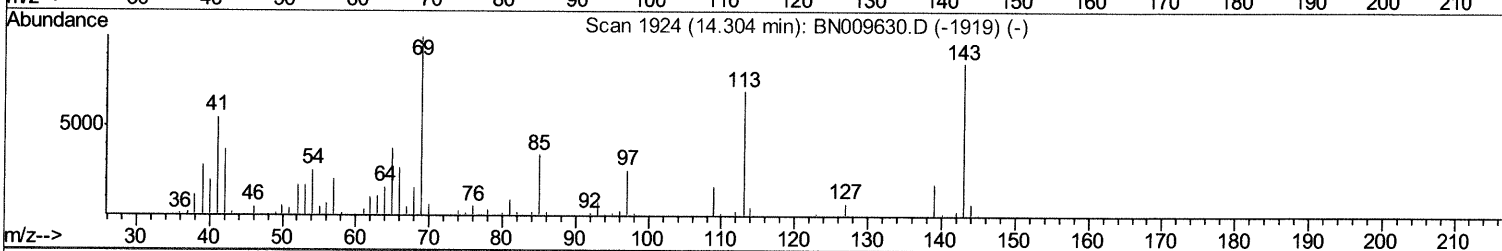
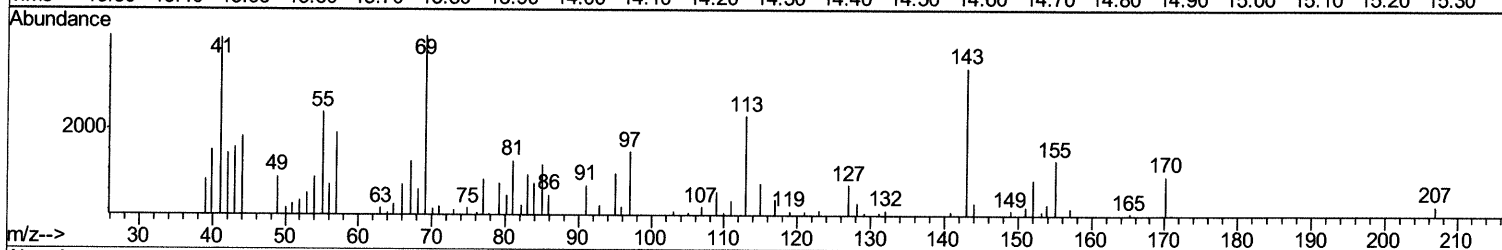
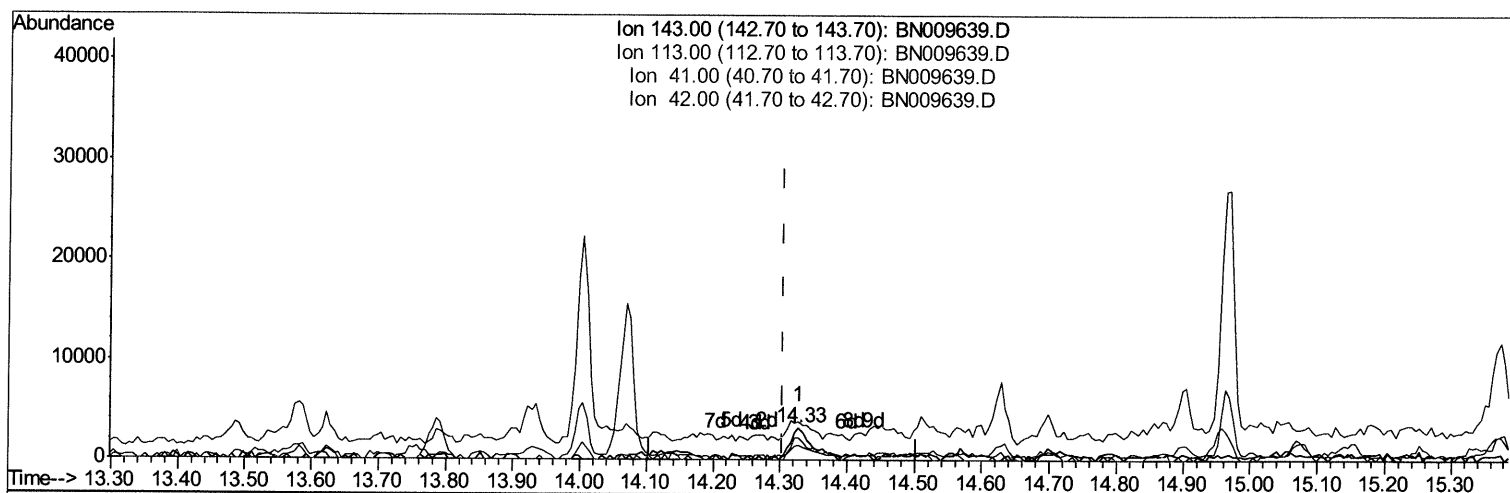
Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN020620\
Data File : BN009639.D
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Sample : L1324-19 10X
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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Manual Integrations
APPROVED

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Response via : Initial Calibration



TIC: BN009639.D

(51) 4-Nitrophenol-d4 (S)

14.328min (+0.024) 1.08ng/ul m JU 02/13/20

response 7454

Ion	Exp%	Act%
143.00	100	100
113.00	77.90	70.09
41.00	65.40	117.85#
42.00	43.30	47.24

Quantitation Report (Qedit)

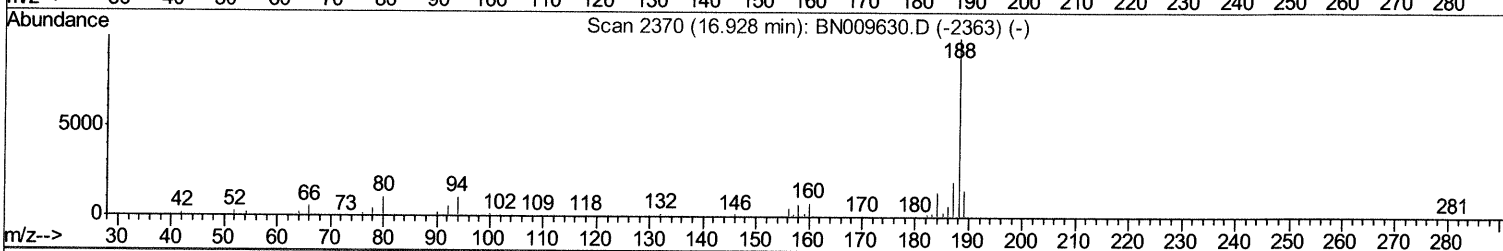
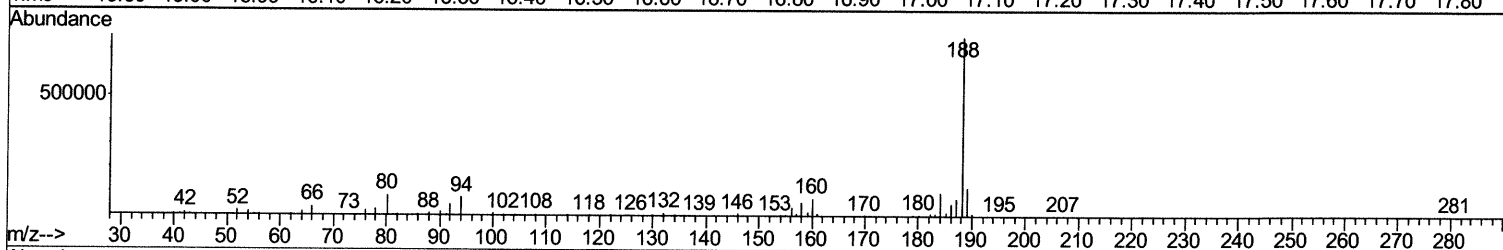
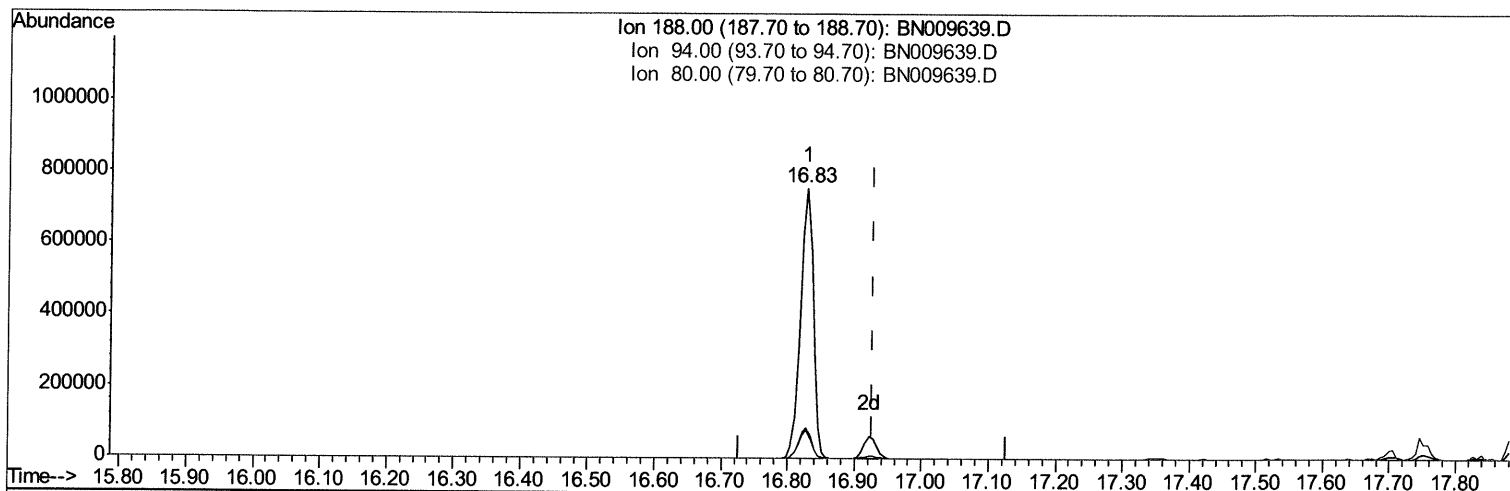
Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN020620\
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 Operator : CG/JU
 Sample : L1324-19 10X
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
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 ClientSampleId :
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Manual Integrations
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TIC: BN009639.D

(70) Anthracene-d10 (S)

16.828min (-0.100) 22.01ng/ul

response 994802

Ion	Exp%	Act%
188.00	100	100
94.00	10.60	10.24
80.00	11.10	11.25
0.00	0.00	0.00

Quantitation Report (Qedit)

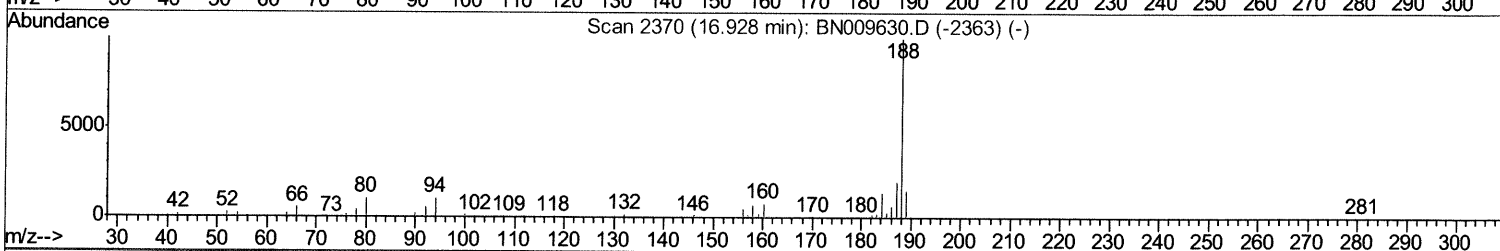
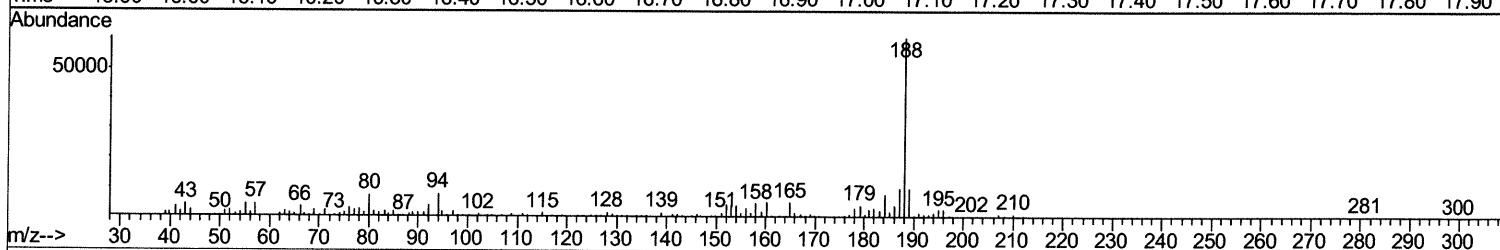
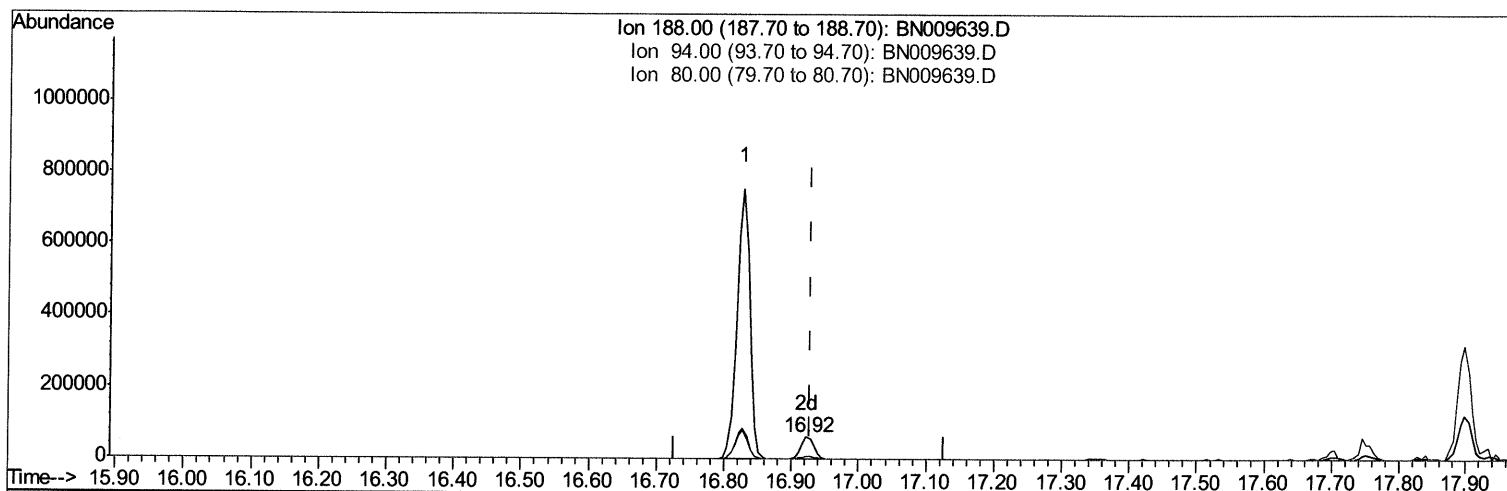
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Data File : BN009639.D
Acq On : 07 Feb 2020 09:35
Operator : CG/JU
Sample : L1324-19 10X
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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Manual Integrations
APPROVED

mohammad
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TIC: BN009639.D

(70) Anthracene-d10 (S)

16.922min (-0.006) 1.82ng/ul m *JU 02/13/20*

response 82382

Ion	Exp%	Act%
188.00	100	100
94.00	10.60	13.02#
80.00	11.10	12.42
0.00	0.00	0.00

Quantitation Report (Qedit)

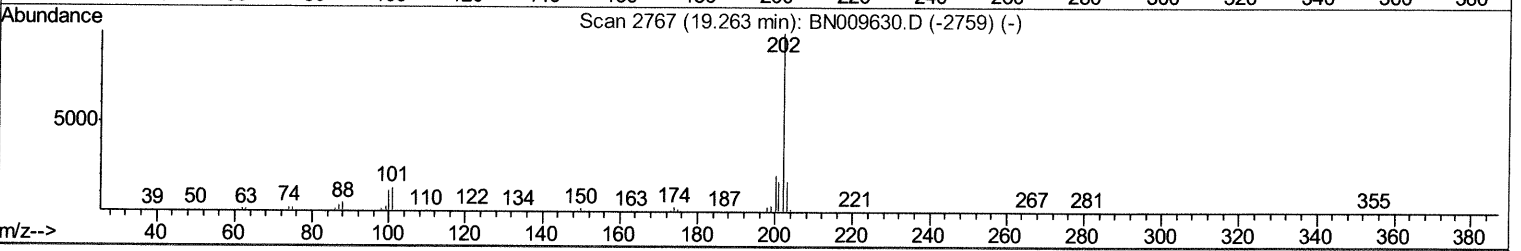
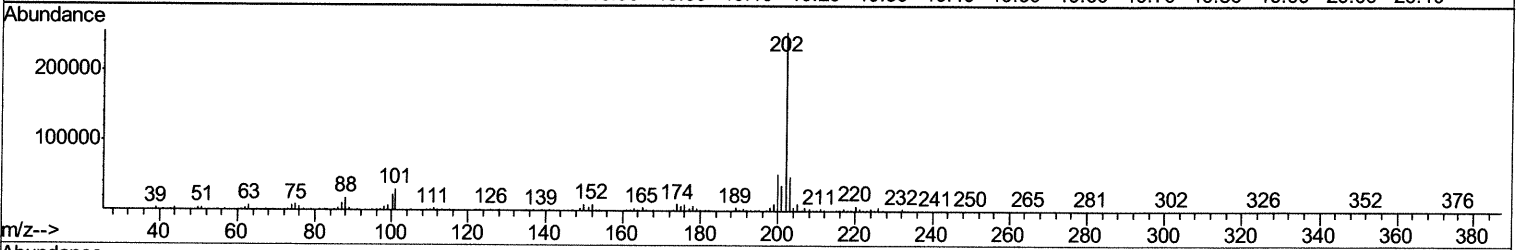
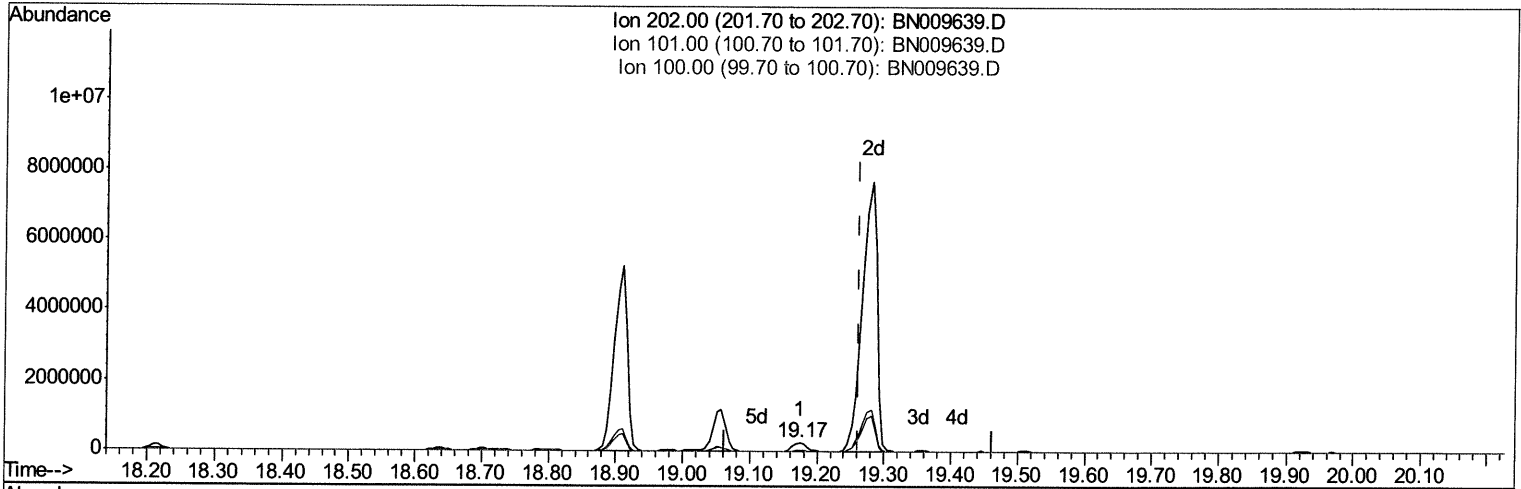
Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN020620\
 Data File : BN009639.D
 Acq On : 07 Feb 2020 09:35
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 Sample : L1324-19 10X
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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Manual Integrations
APPROVED

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TIC: BN009639.D

(79) Pyrene

19.175min (-0.088) 5.83ng/ul

response 362375

Ion	Exp%	Act%
202.00	100	100
101.00	12.90	11.99
100.00	10.50	8.94
0.00	0.00	0.00

Quantitation Report (Qedit)

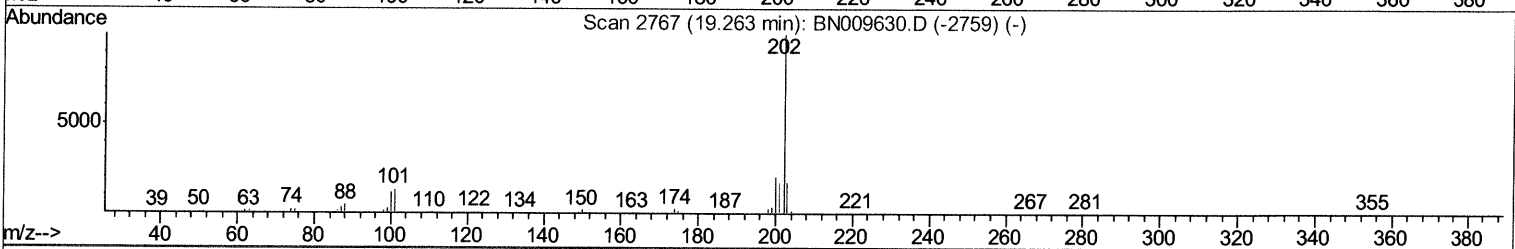
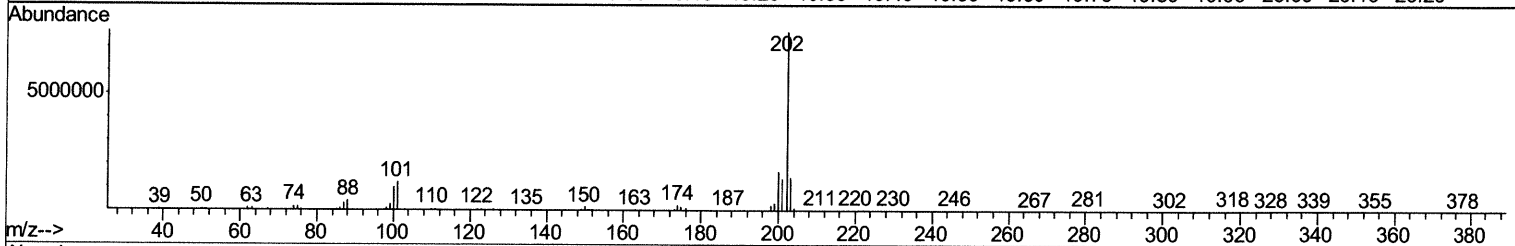
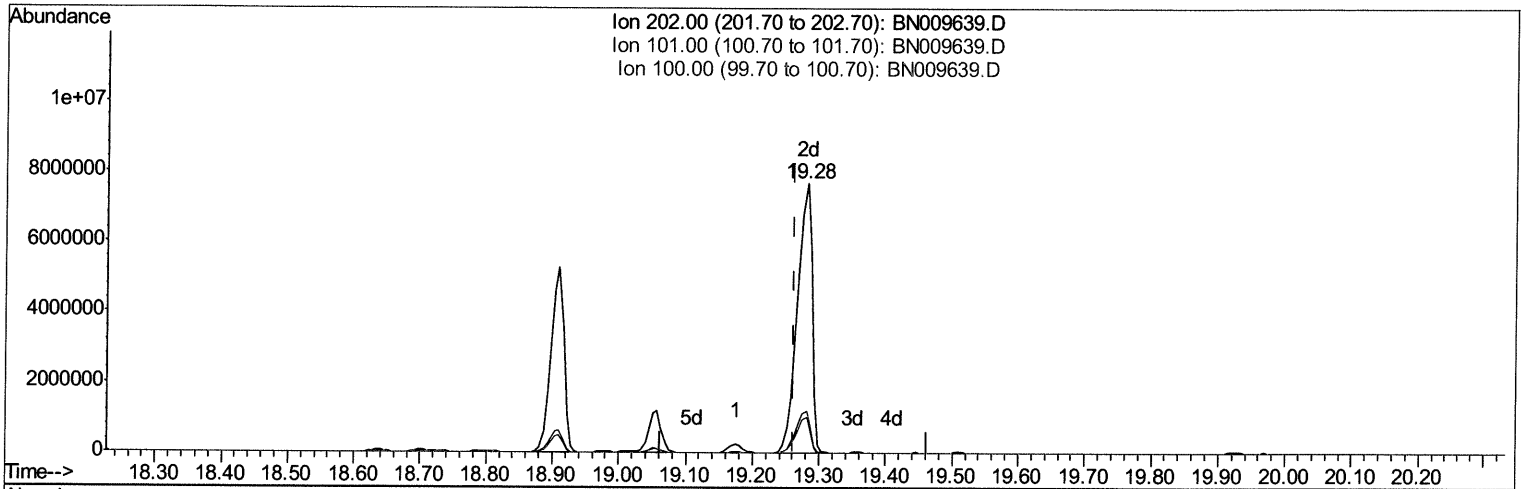
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 Acq On : 07 Feb 2020 09:35
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 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
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Manual Integrations
 APPROVED

mohammad
 2/10/2020 8:20:37 AM

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 Response via : Initial Calibration



TIC: BN009639.D

(79) Pyrene

19.280min (+0.018) 189.35ng/ul m **JU 02/13/20**

response 11762570

Ion	Exp%	Act%
202.00	100	100
101.00	12.90	15.63#
100.00	10.50	13.17#
0.00	0.00	0.00

Quantitation Report (Qedit)

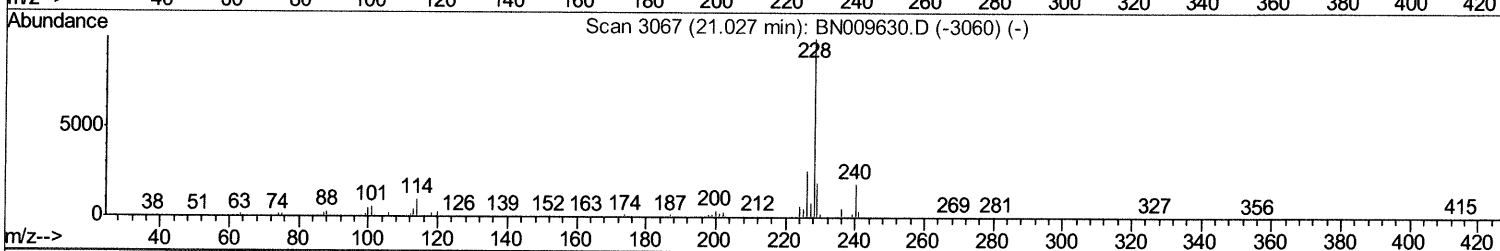
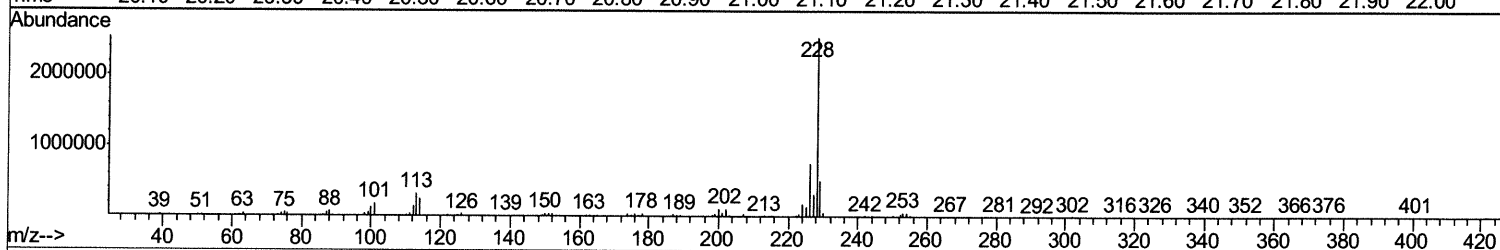
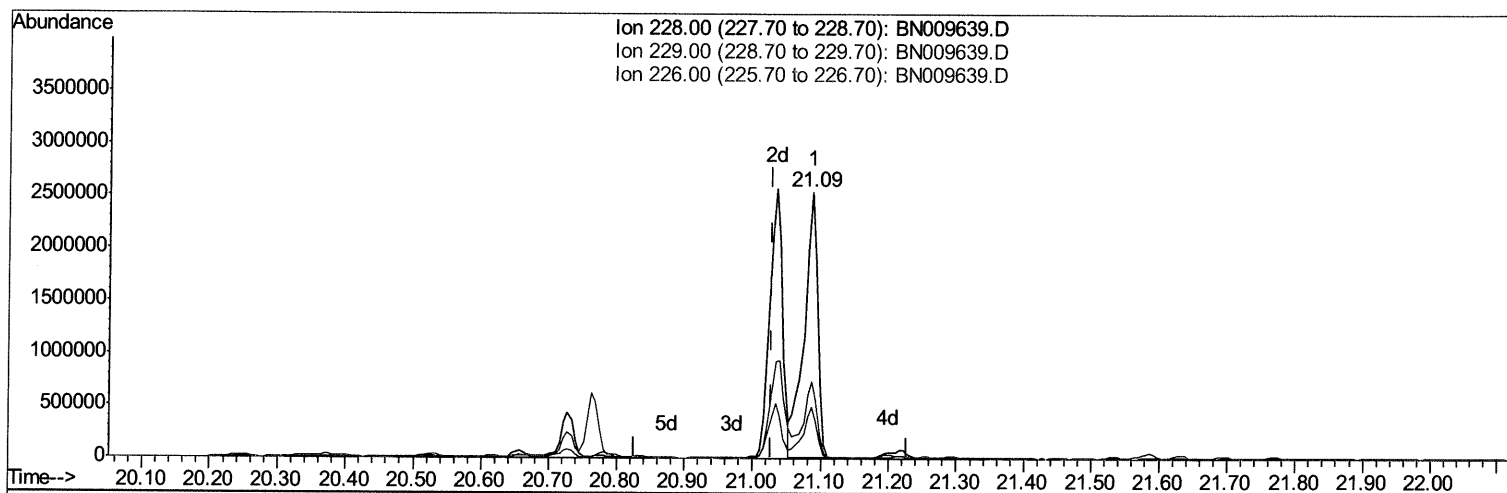
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TIC: BN009639.D

(82) Benzo(a)anthracene

21.086min (+0.059) 60.45ng/ul

response 3551731

Ion	Exp%	Act%
228.00	100	100
229.00	18.70	19.59
226.00	26.10	29.26
0.00	0.00	0.00

Quantitation Report (Qedit)

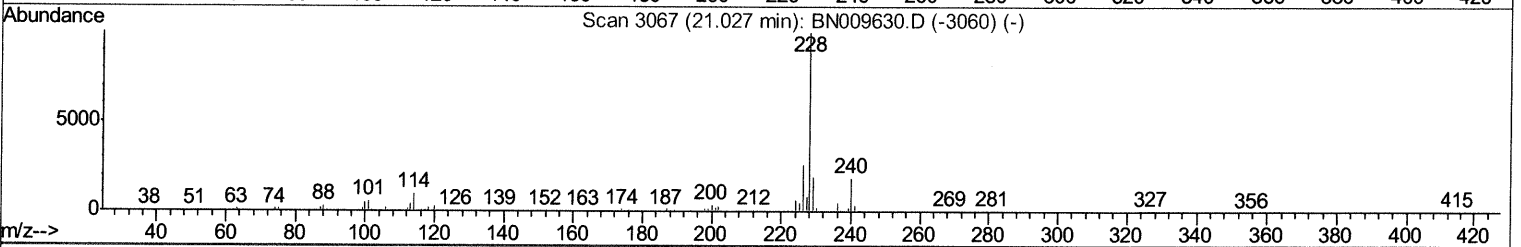
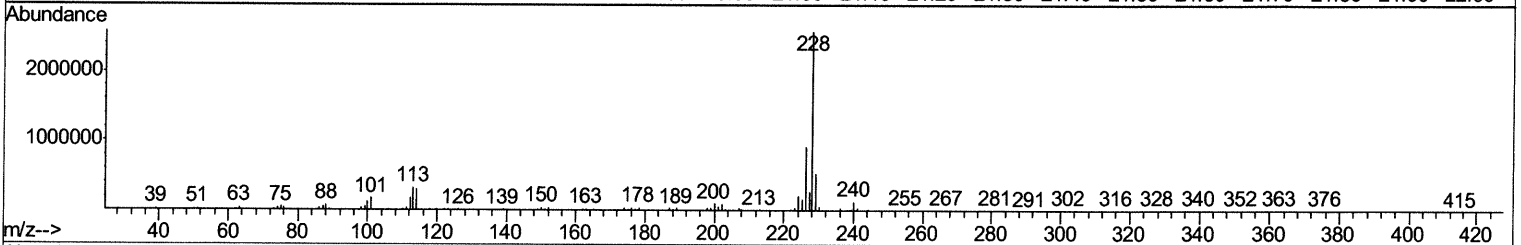
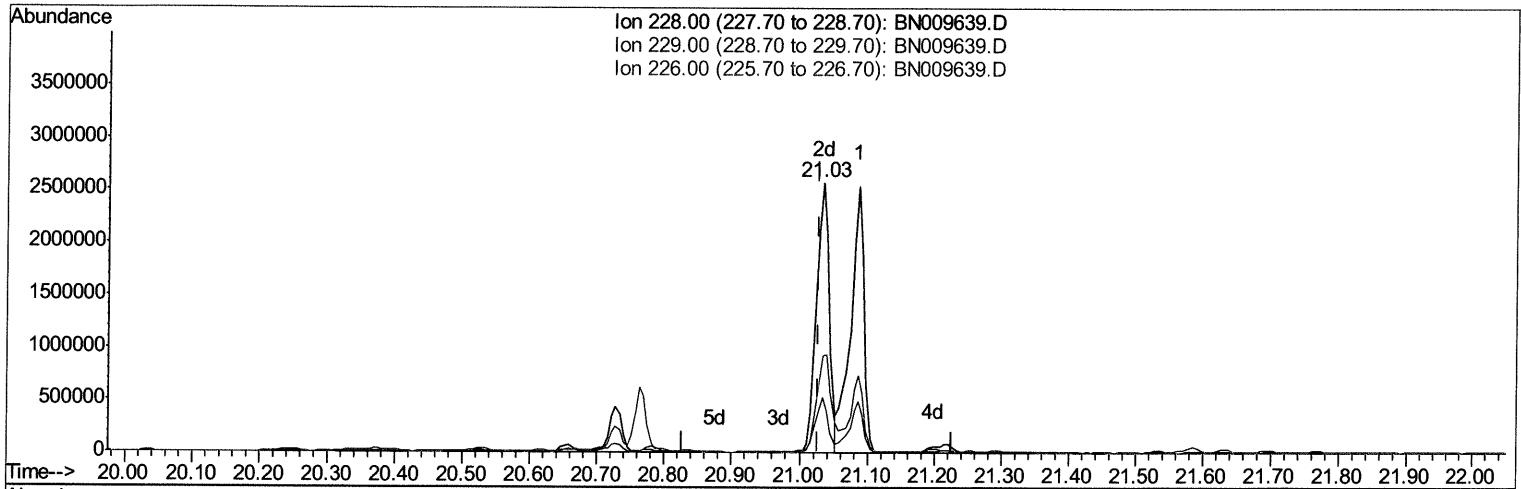
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TIC: BN009639.D

(82) Benzo(a)anthracene

21.033min (+0.006) 57.88ng/ul m *Ju 02/13/20*

response 3400989

Ion	Exp%	Act%
228.00	100	100
229.00	18.70	20.49
226.00	26.10	35.89#
0.00	0.00	0.00

Quantitation Report (Qedit)

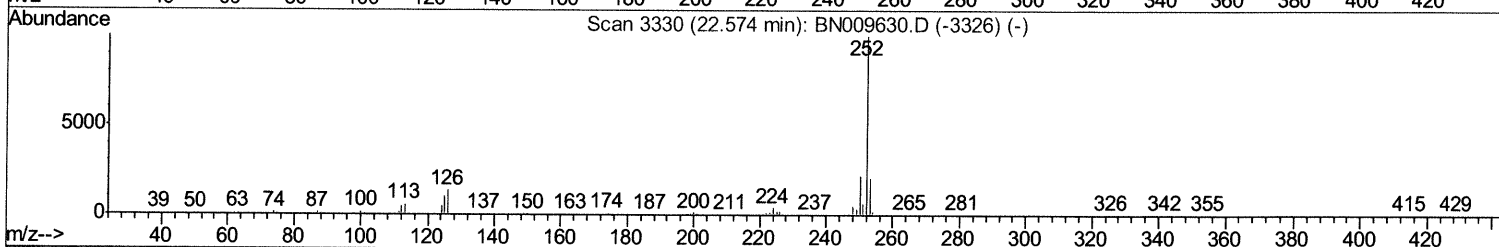
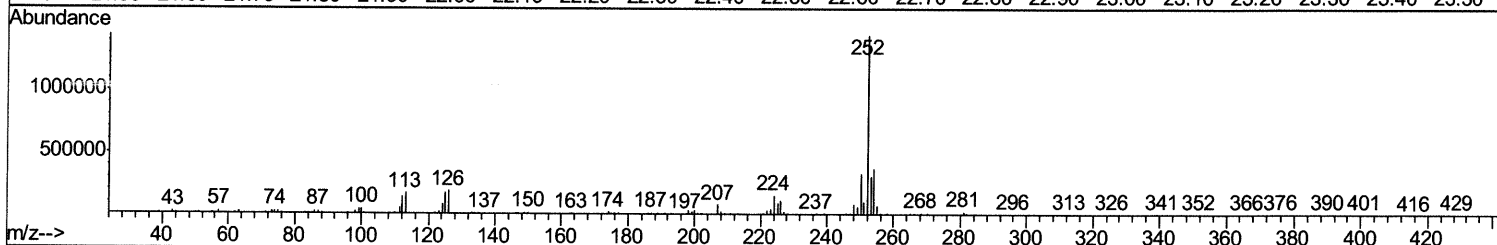
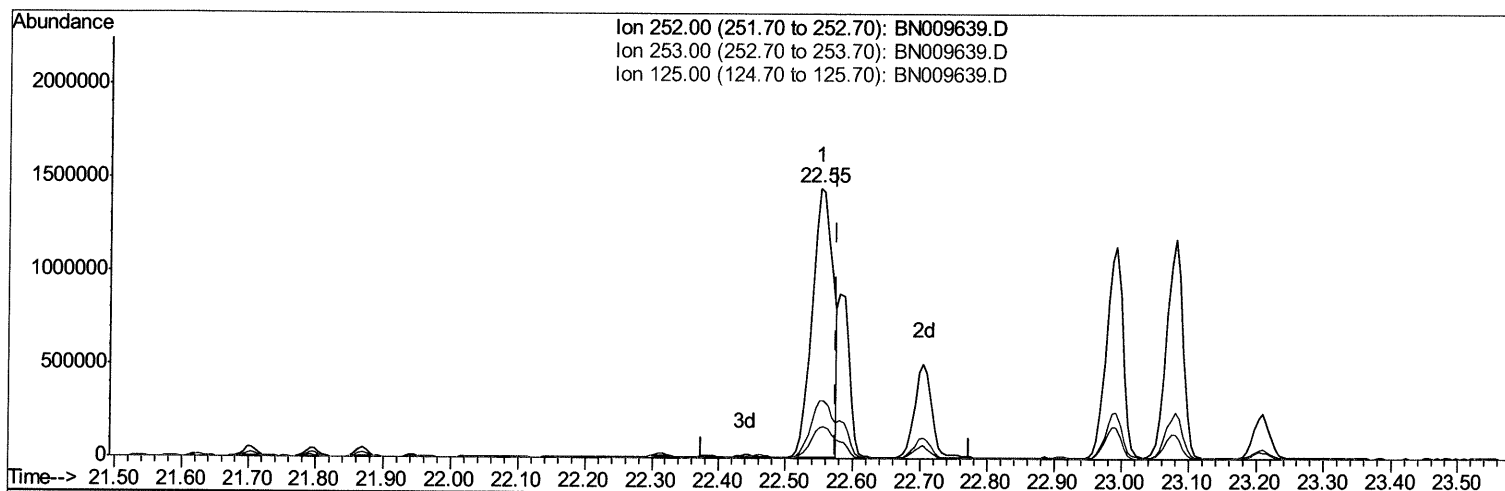
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TIC: BN009639.D

(88) Benzo(k)fluoranthene

22.551min (-0.023) 52.82ng/ul

response 3128435

Ion	Exp%	Act%
252.00	100	100
253.00	21.20	21.55
125.00	10.00	11.49
0.00	0.00	0.00

Quantitation Report (Qedit)

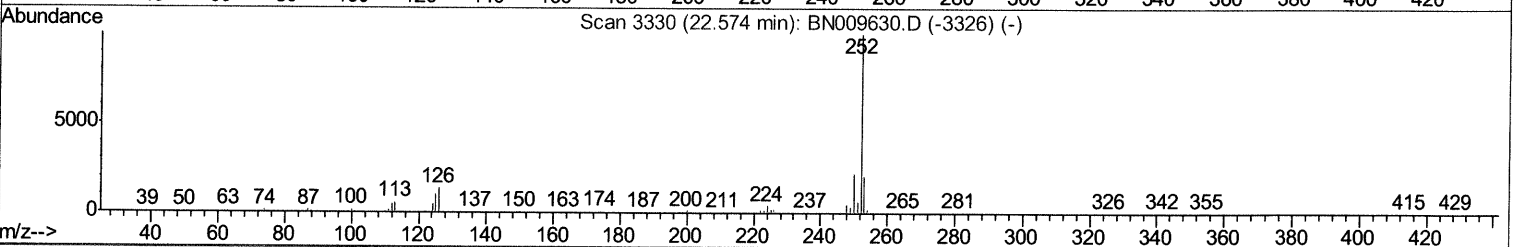
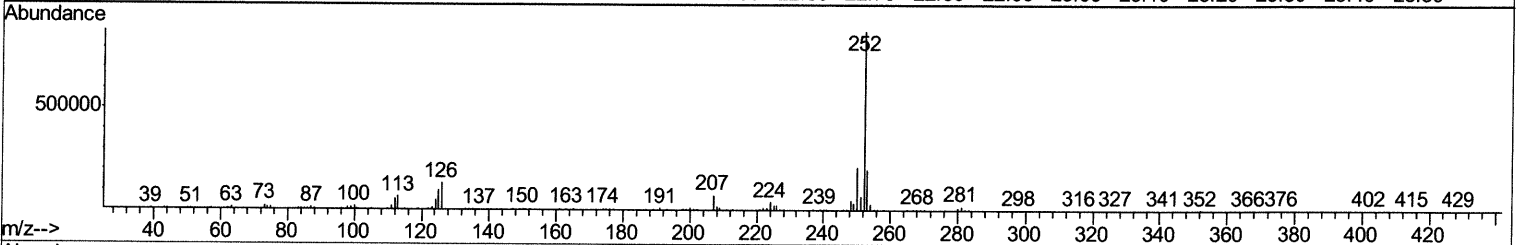
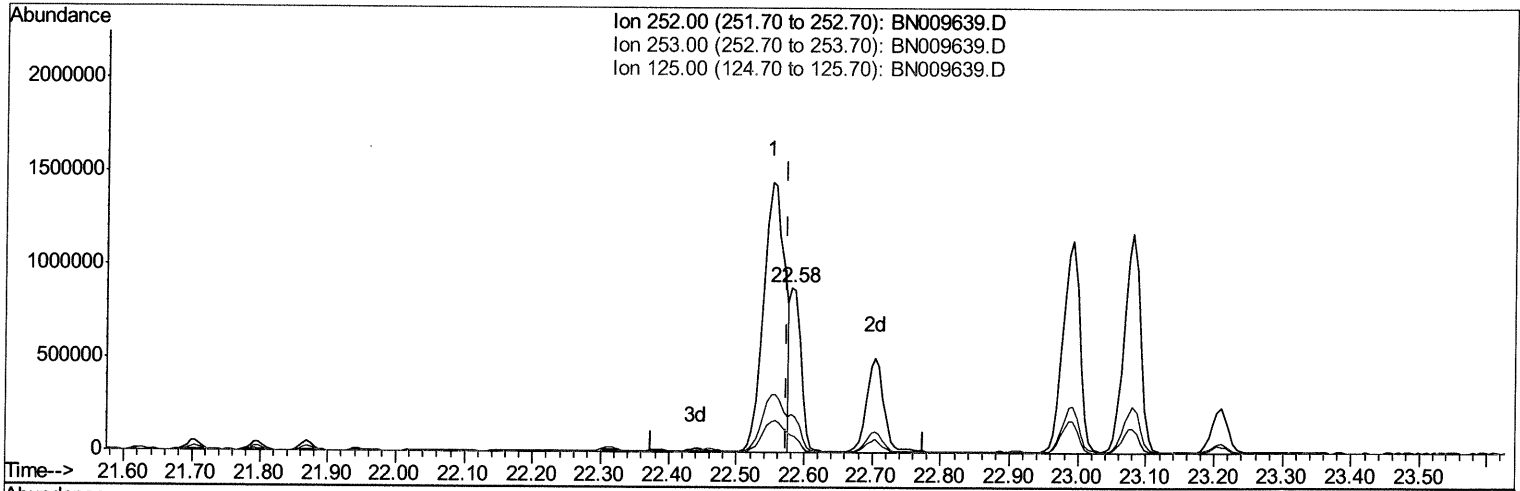
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TIC: BN009639.D

(88) Benzo(k)fluoranthene

22.580min (+0.006) 16.85ng/ul m *JU 02/13/20*

response 997840

Ion	Exp%	Act%
252.00	100	100
253.00	21.20	22.86
125.00	10.00	10.80
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN020620\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.43	152	196449	20.00	ng/ul	0.00
18) Naphthalene-d8	10.18	136	828295	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.07	164	500598	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.83	188	994802	20.00	ng/ul	0.00
77) Chrysene-d12	21.05	240	850983	20.00	ng/ul	0.01
85) Perylene-d12	23.17	264	961284	20.00	ng/ul	0.02

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.09	96	1077	0.22	ng/uL	0.01	
5) Phenol-d5	6.64	99	25817	1.51	ng/ul	0.00	
7) Bis-(2-Chloroethyl)ether-d	6.80	67	17287m >	1.50	ng/ul >	0.00	Ju 02/13/20
9) 2-Chlorophenol-d4	6.98	132	19175	1.52	ng/ul	0.00	
13) 4-Methylphenol-d8	8.16	113	18737	1.37	ng/ul	0.01	
19) Nitrobenzene-d5	8.59	128	7988	1.30	ng/ul	0.01	
22) 2-Nitrophenol-d4	9.29	143	9282	1.35	ng/ul	0.00	
26) 2,4-Dichlorophenol-d3	9.83	165	18120	1.41	ng/ul	0.02	
29) 4-Chloroaniline-d4	10.35	131	5188	0.37	ng/ul	0.02	
43) Dimethylphthalate-d6	13.50	166	61457	1.68	ng/ul	0.00	
46) Acenaphthylene-d8	13.76	160	73440	1.66	ng/ul	0.00	
51) 4-Nitrophenol-d4	14.33	143	7454m >	1.08	ng/ul >	0.02	Ju 02/13/20
57) Fluorene-d10	15.07	176	56927	1.77	ng/ul	0.00	
62) 4,6-Dinitro-2-methylphenol	15.23	200	5074	0.82	ng/ul	0.01	
70) Anthracene-d10	16.92	188	82382m >	1.82	ng/ul >	0.00	Ju 02/13/20
78) Pyrene-d10	19.24	212	84481	1.89	ng/ul	0.00	
89) Benzo(a)pyrene-d12	23.03	264	84595	1.79	ng/ul	0.01	

Target Compounds

					Qvalue	
47) Acenaphthylene	13.79	152	1503447	31.11	ng/ul	99
49) Acenaphthene	14.13	153	85947	2.62	ng/ul	96
58) Fluorene	15.15	166	127433	3.33	ng/ul#	60
69) Phenanthrene	16.87	178	775602	13.67	ng/ul	99
71) Anthracene	16.96	178	811222	14.09	ng/ul	99
76) Fluoranthene	18.91	202	7137137	110.23	ng/ul	99
79) Pyrene	19.28	202	11762570m } 189.35	ng/ul }		Ju 02/13/20
82) Benzo(a)anthracene	21.03	228	3400989m }	57.88	ng/ul }	
84) Chrysene	21.09	228	3552637	60.74	ng/ul	100
87) Benzo(b)fluoranthene	22.55	252	3128435	52.02	ng/ul	99
88) Benzo(k)fluoranthene	22.58	252	997840m >	16.85	ng/ul >	Ju 02/13/20
90) Benzo(a)pyrene	23.08	252	1970817	35.37	ng/ul	97
91) Indeno(1,2,3-cd)pyrene	25.24	276	1450452	21.89	ng/ul	94
92) Dibenzo(a,h)anthracene	25.23	278	461438	8.27	ng/ul#	85
93) Benzo(g,h,i)perylene	25.87	276	1471929	26.51	ng/ul	96

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