

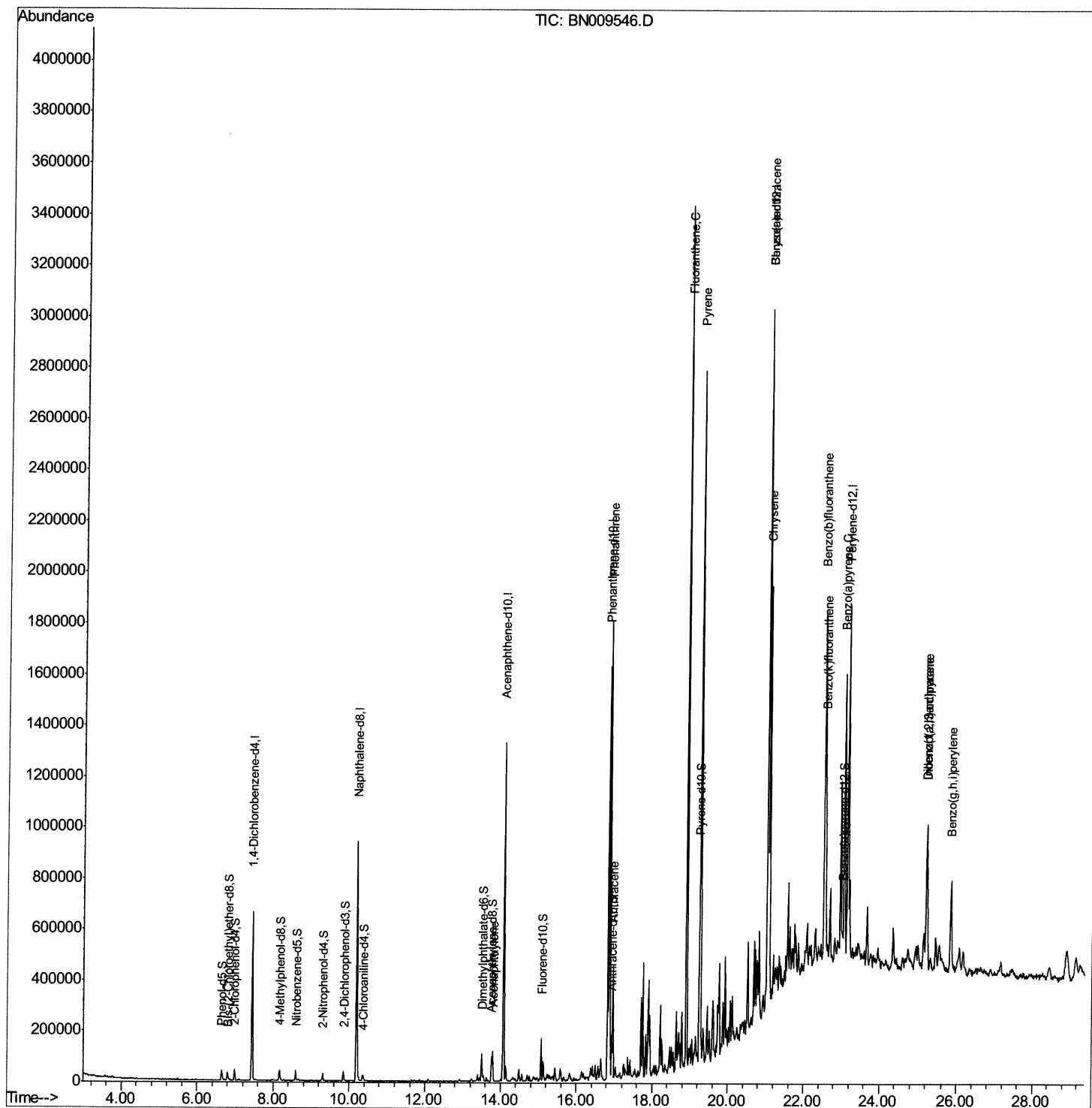
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN020320\
Data File : BN009546.D
Acq On : 04 Feb 2020 01:46
Operator : CG/JU
Sample : L1342-02 10X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
B0AG6DL

Manual Integrations
APPROVED

mohammad
2/4/2020 6:14:50 PM

Quant Time: Feb 04 03:11:31 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN020320MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Feb 03 16:39:56 2020
Response via : Initial Calibration



Quantitation Report (Qedit)

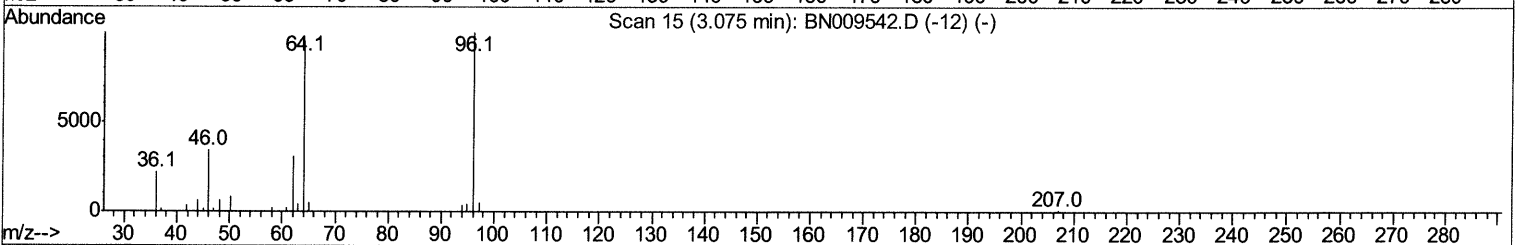
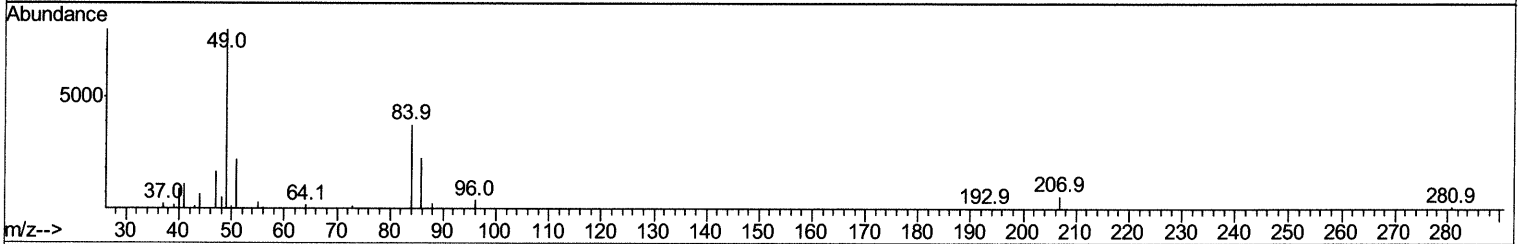
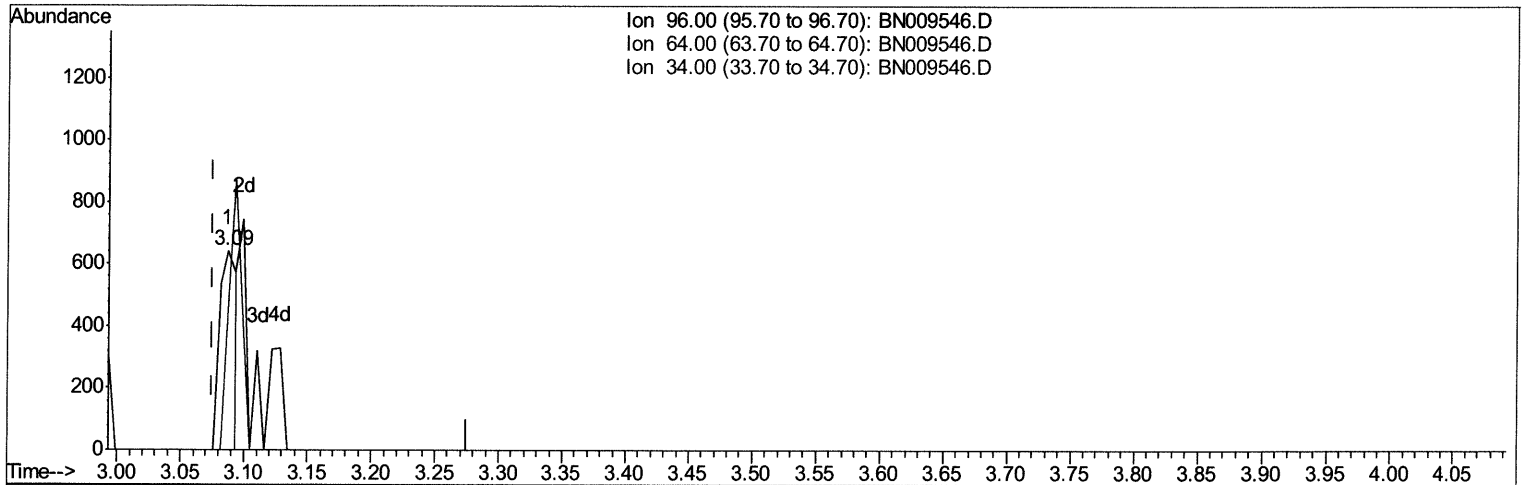
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TIC: BN009546.D

(3) 1,4-Dioxane-d8 (S)
 3.087min (+0.012) 0.16ng/uL
 response 618

Ion	Exp%	Act%
96.00	100	100
64.00	102.40	69.42#
34.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

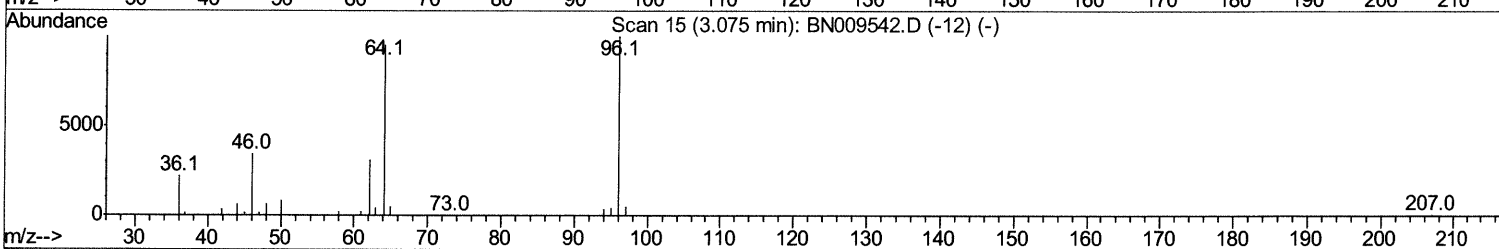
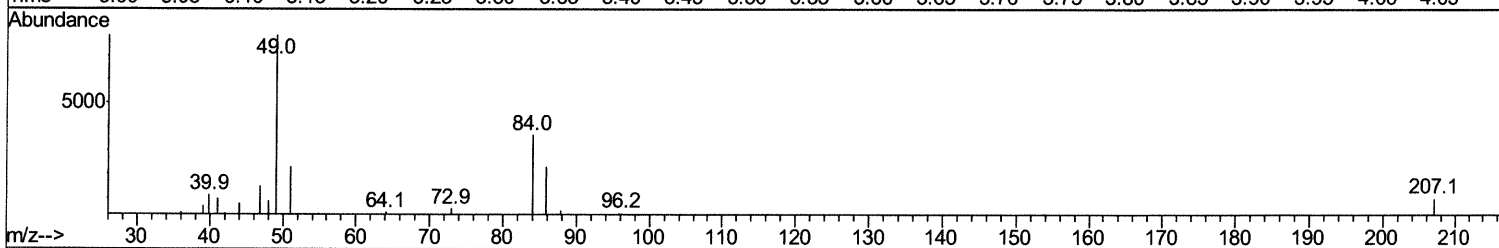
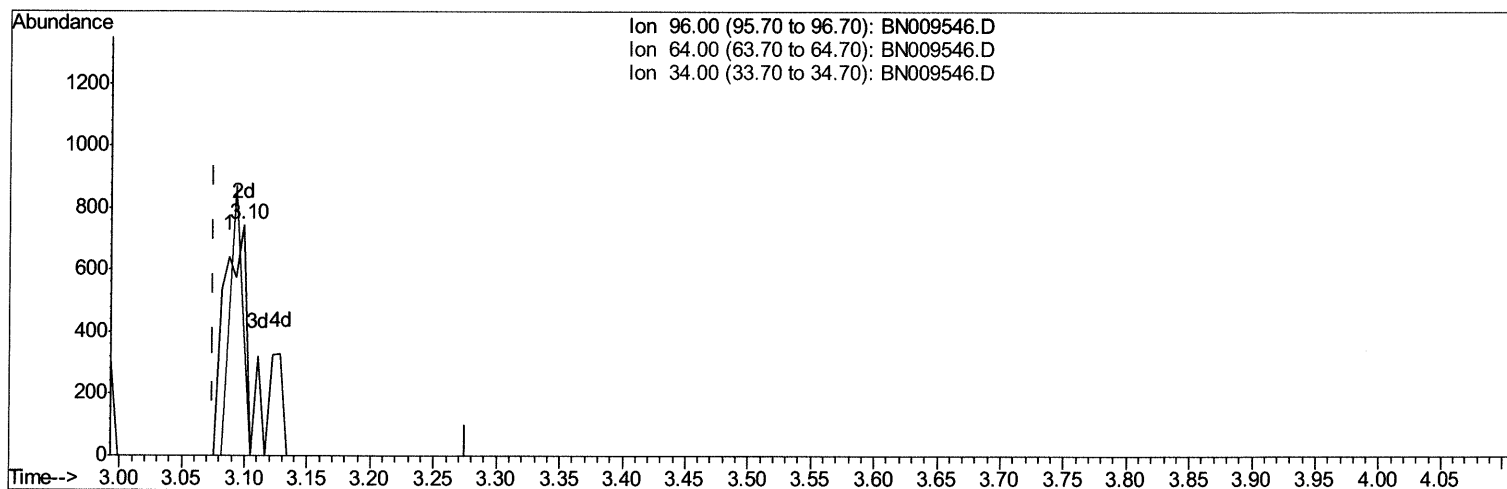
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TIC: BN009546.D

(3) 1,4-Dioxane-d8 (S)

3.099min (+0.024) 0.23ng/uL m JU 02/05/20

response 881

Ion	Exp%	Act%
96.00	100	100
64.00	102.40	106.49
34.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

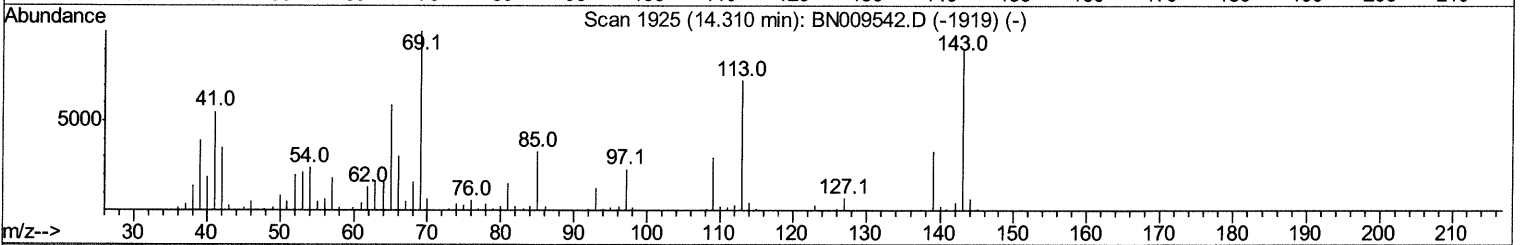
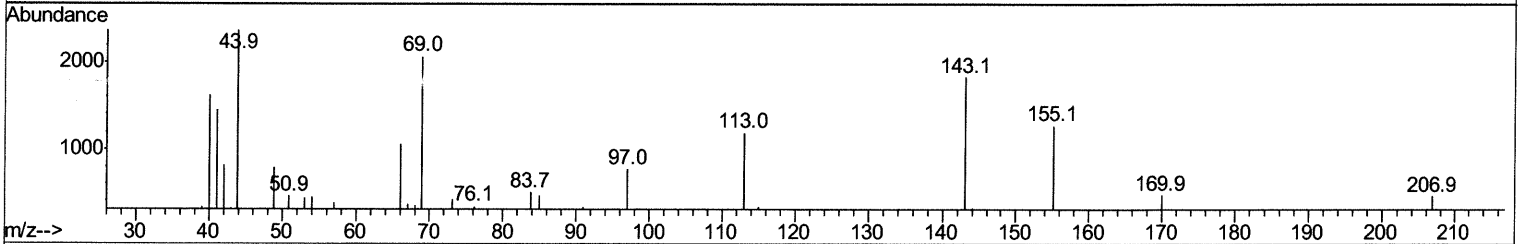
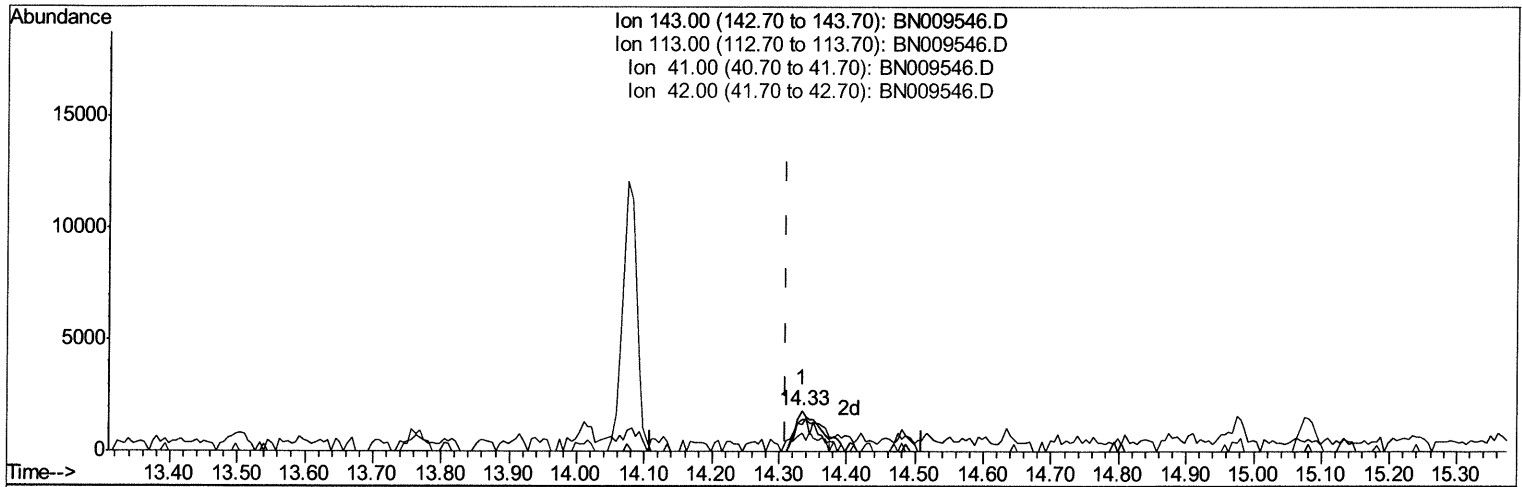
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ClientSampleId :
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Manual Integrations
APPROVED

mohammad
 2/4/2020 6:14:50 PM

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TIC: BN009546.D

(51) 4-Nitrophenol-d4 (S)

14.334min (+0.024) 0.73ng/ul

response 4273

Ion	Exp%	Act%
143.00	100	100
113.00	77.90	64.95
41.00	65.40	78.97#
42.00	43.30	44.80

Quantitation Report (Qedit)

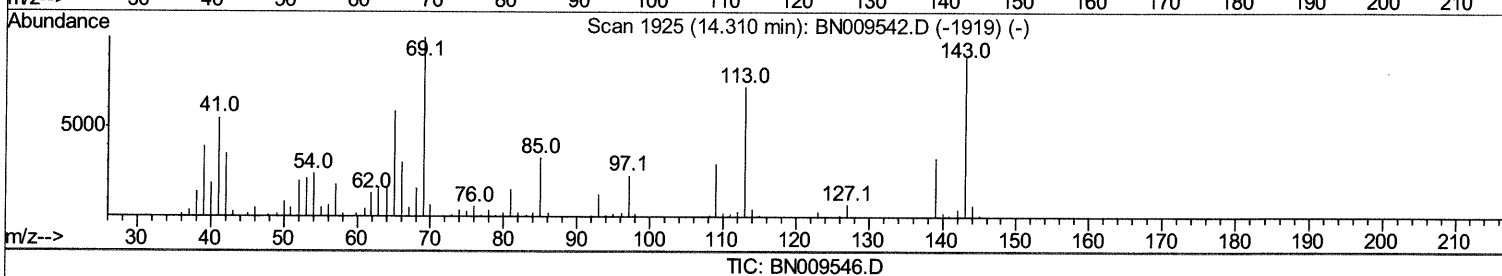
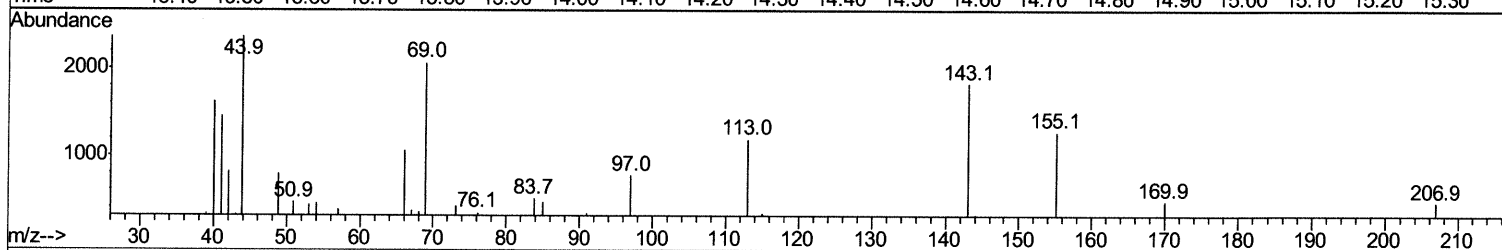
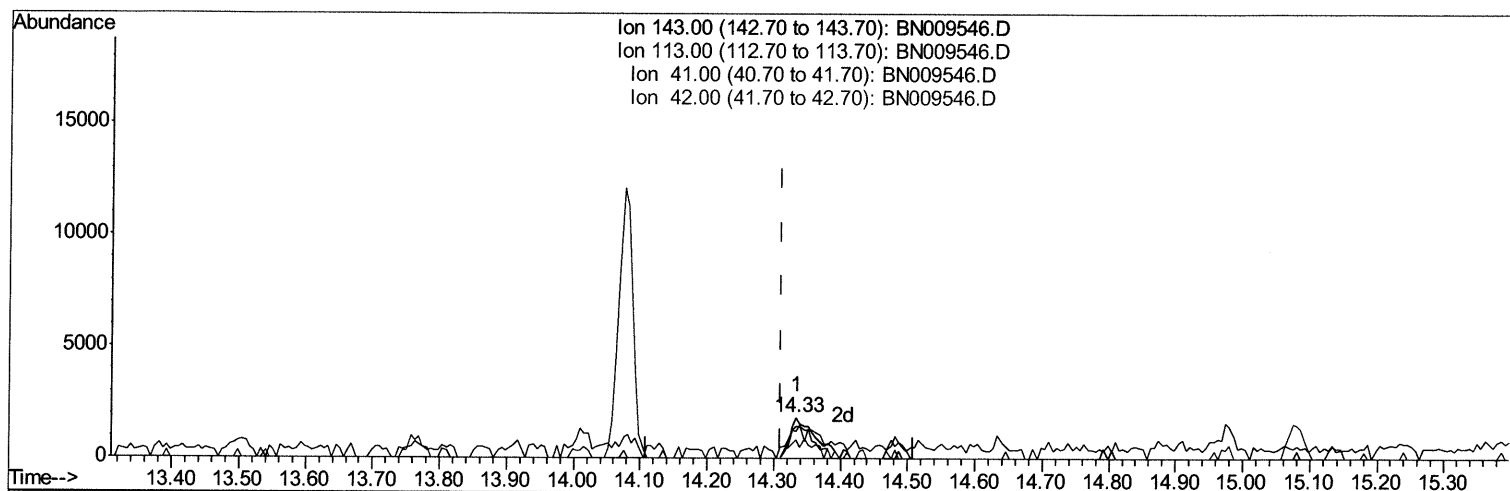
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Data File : BN009546.D
Acq On : 04 Feb 2020 01:46
Operator : CG/JU
Sample : L1342-02 10X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
B0AG6DL

Manual Integrations
APPROVED

mohammad
2/4/2020 6:14:50 PM

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Response via : Initial Calibration



(51) 4-Nitrophenol-d4 (S)

14.334min (+0.024) 0.82ng/ul m JU 02/05/20

response 4812

Ion	Exp%	Act%
143.00	100	100
113.00	77.90	64.95
41.00	65.40	78.97#
42.00	43.30	44.80

Quantitation Report (Qedit)

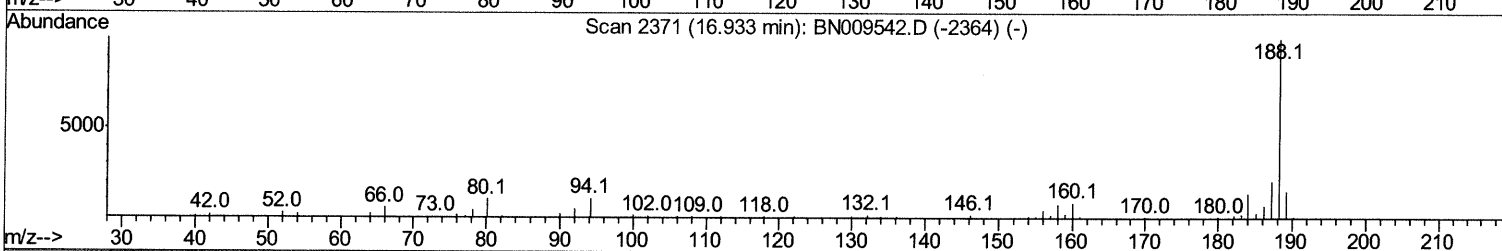
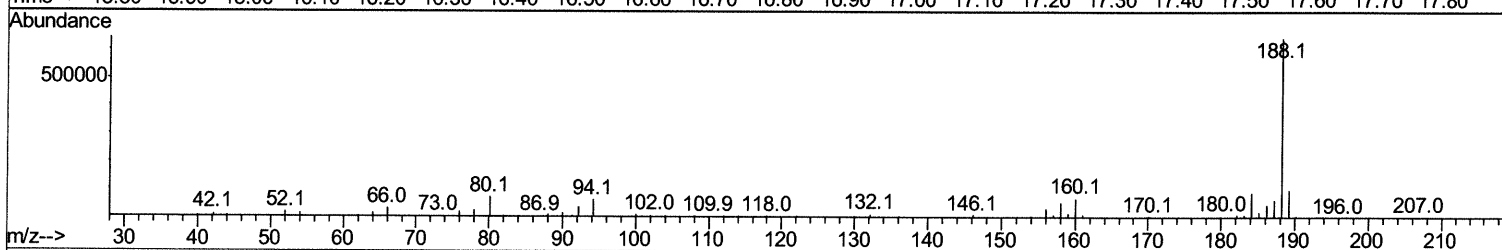
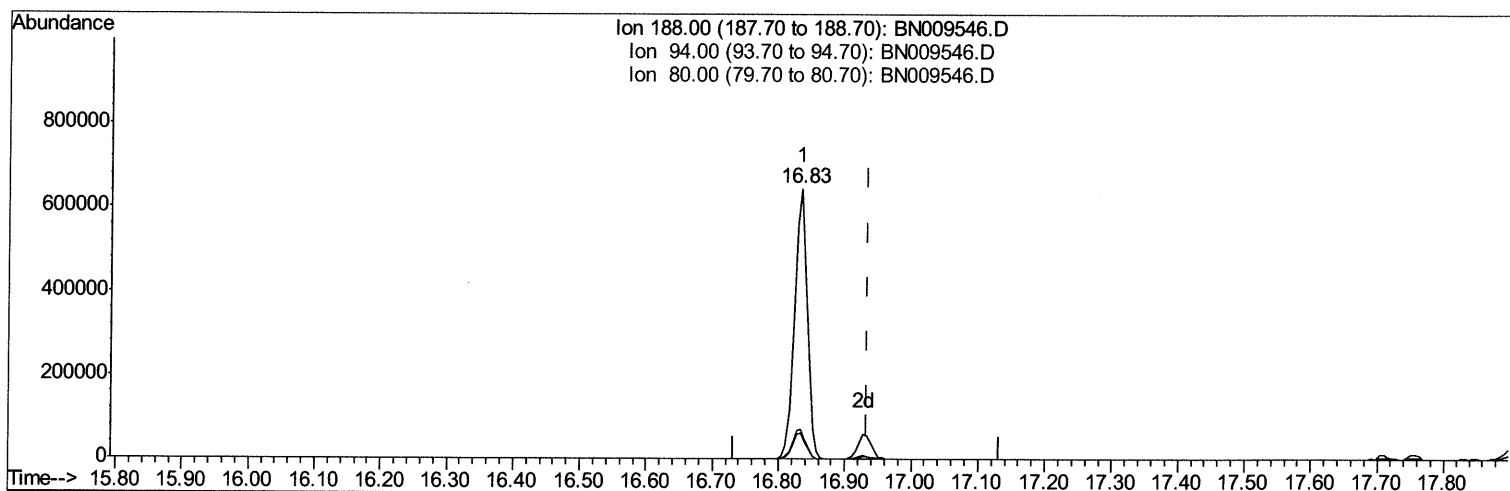
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 Data File : BN009546.D
 Acq On : 04 Feb 2020 01:46
 Operator : CG/JU
 Sample : L1342-02 10X
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 B0AG6DL

Manual Integrations
 APPROVED

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 2/4/2020 6:14:50 PM

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TIC: BN009546.D

(70) Anthracene-d10 (S)

16.833min (-0.100) 22.01ng/ul

response 866853

Ion	Exp%	Act%
188.00	100	100
94.00	10.60	9.41
80.00	11.10	10.74
0.00	0.00	0.00

Quantitation Report (Qedit)

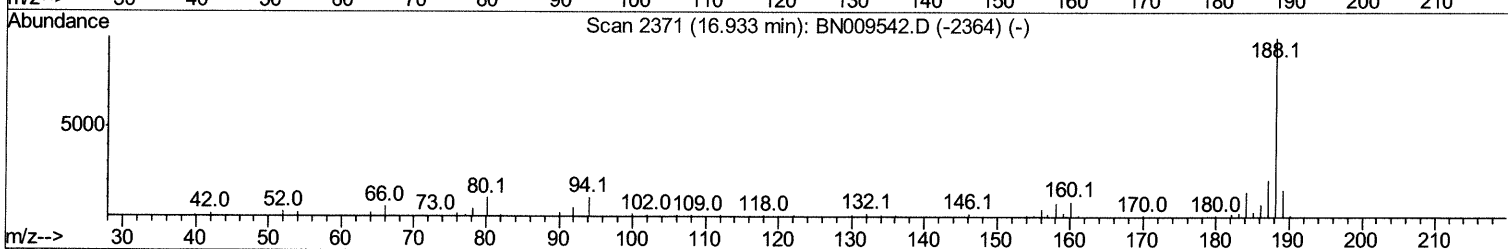
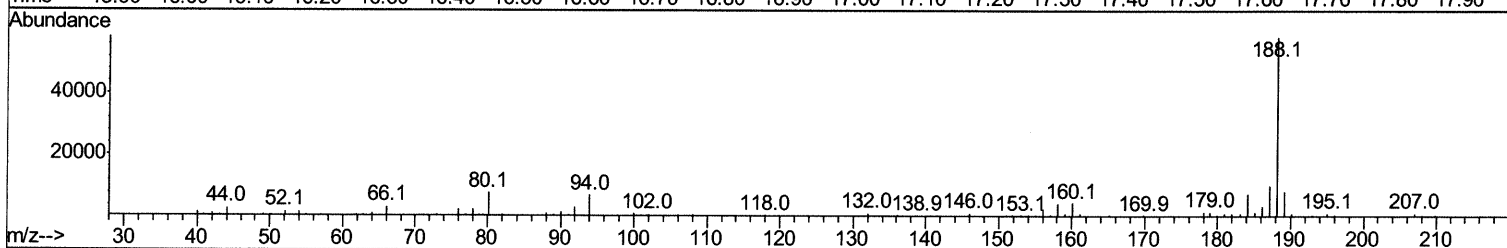
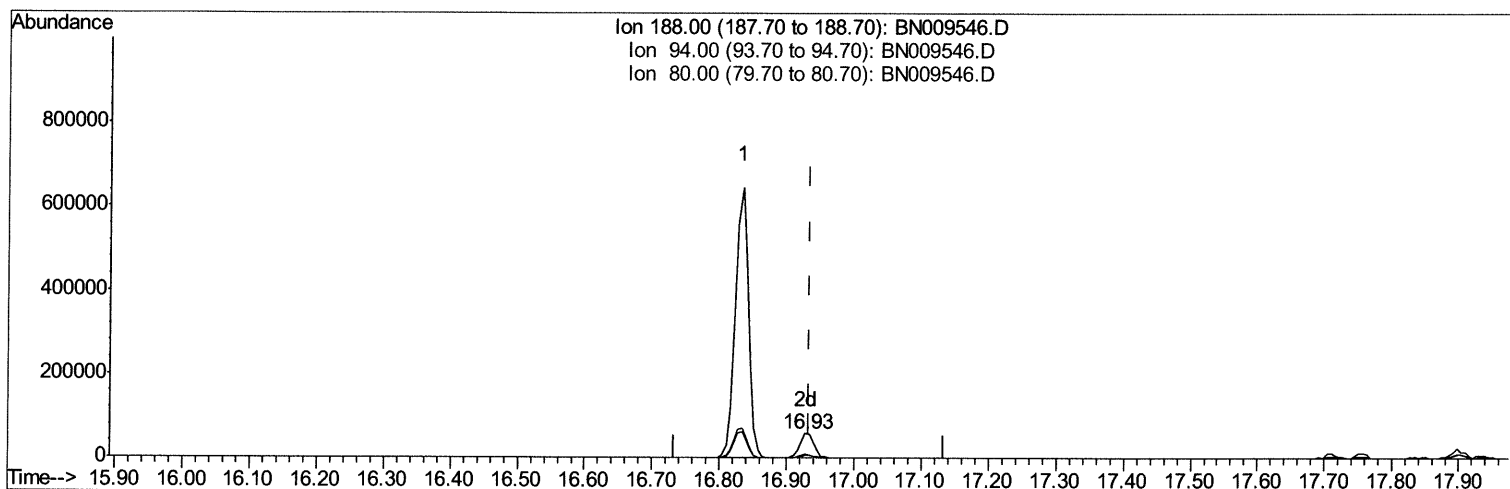
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 Data File : BN009546.D
 Acq On : 04 Feb 2020 01:46
 Operator : CG/JU
 Sample : L1342-02 10X
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 B0AG6DL

Manual Integrations
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TIC: BN009546.D

(70) Anthracene-d10 (S)

16.928min (-0.006) 2.12ng/ul m JU02/05/20

response 83473

Ion	Exp%	Act%
188.00	100	100
94.00	10.60	11.78
80.00	11.10	13.41#
0.00	0.00	0.00

Quantitation Report (Qedit)

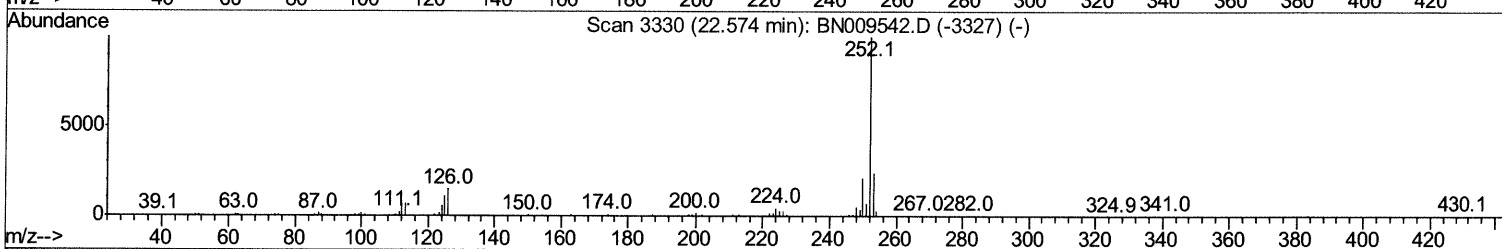
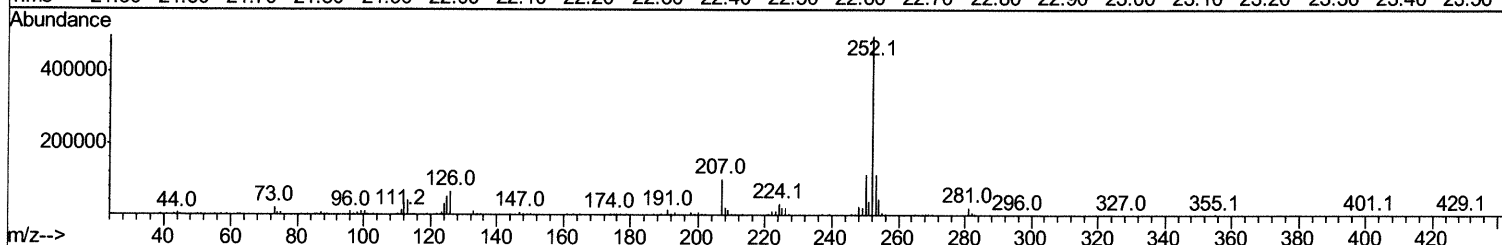
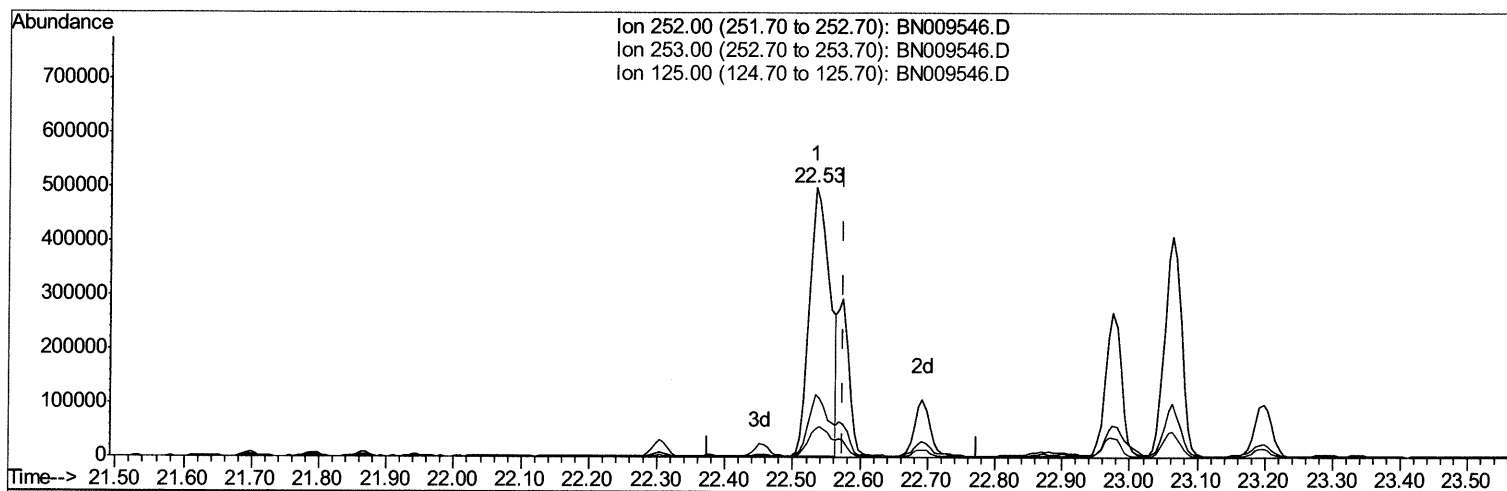
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Data File : BN009546.D
Acq On : 04 Feb 2020 01:46
Operator : CG/JU
Sample : L1342-02 10X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampled :
B0AG6DL

Manual Integrations
APPROVED

mohammad
2/4/2020 6:14:50 PM

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Response via : Initial Calibration



TIC: BN009546.D

(88) Benzo(k)fluoranthene

22.533min (-0.041) 20.27ng/ul

response 1066665

Ion	Exp%	Act%
252.00	100	100
253.00	21.20	22.99
125.00	10.00	10.68
0.00	0.00	0.00

Quantitation Report (Qedit)

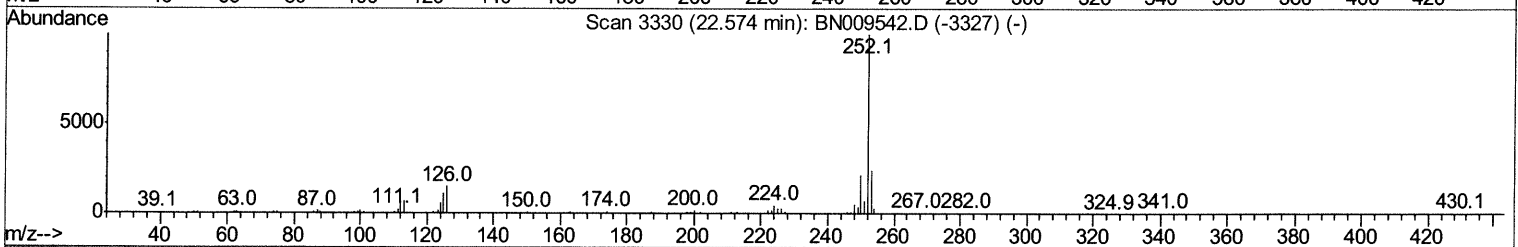
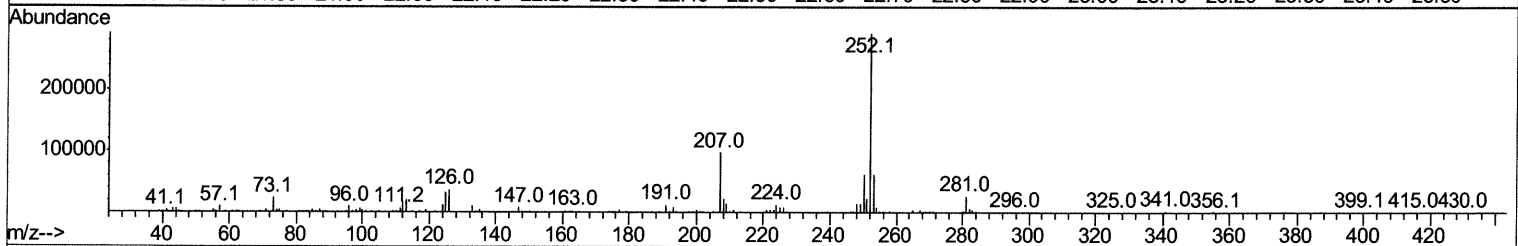
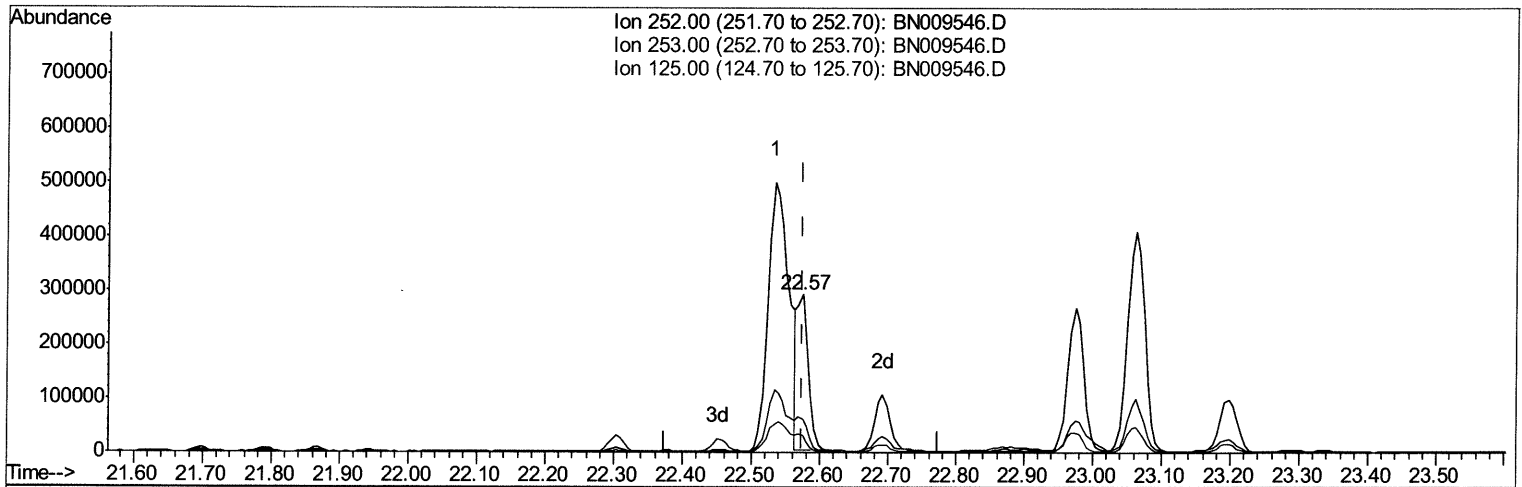
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN020320\
Data File : BN009546.D
Acq On : 04 Feb 2020 01:46
Operator : CG/JU
Sample : L1342-02 10X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
B0AG6DL

Manual Integrations
APPROVED

mohammad
2/4/2020 6:14:50 PM

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Response via : Initial Calibration



TIC: BN009546.D

(88) Benzo(k)fluoranthene

22.574min (+0.000) 6.07ng/ul m *JU 02/05/20*

response 319232

Ion	Exp%	Act%
252.00	100	100
253.00	21.20	21.34
125.00	10.00	10.96
0.00	0.00	0.00

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Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.45	152	156843	20.00	ng/ul	0.00
18) Naphthalene-d8	10.19	136	681865	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.08	164	424664	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.83	188	866853	20.00	ng/ul	0.00
77) Chrysene-d12	21.04	240	763868	20.00	ng/ul	0.00
85) Perylene-d12	23.16	264	853964	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.10	96	881m >	0.23	ng/uL >	0.02	J4 02/05/20
5) Phenol-d5	6.65	99	19508	1.43	ng/ul	0.00	
7) Bis-(2-Chloroethyl)ether-d	6.80	67	18229	1.98	ng/ul	0.00	
9) 2-Chlorophenol-d4	6.99	132	17908	1.78	ng/ul	0.00	
13) 4-Methylphenol-d8	8.16	113	16867	1.55	ng/ul	0.00	
19) Nitrobenzene-d5	8.59	128	8861	1.75	ng/ul	0.00	
22) 2-Nitrophenol-d4	9.30	143	8331	1.47	ng/ul	0.00	
26) 2,4-Dichlorophenol-d3	9.84	165	15730	1.48	ng/ul	0.01	
29) 4-Chloroaniline-d4	10.36	131	15765	1.38	ng/ul	0.02	
43) Dimethylphthalate-d6	13.50	166	67649	2.18	ng/ul	0.00	
46) Acenaphthylene-d8	13.77	160	63008	1.68	ng/ul	0.00	
51) 4-Nitrophenol-d4	14.33	143	4812m >	0.82	ng/ul >	0.02	J4 02/05/20
57) Fluorene-d10	15.08	176	55018	2.02	ng/ul	0.00	
62) 4,6-Dinitro-2-methylphenol	15.23	200	2603	0.48	ng/ul	0.01	
70) Anthracene-d10	16.93	188	83473m >	2.12	ng/ul >	0.00	J4 02/05/20
78) Pyrene-d10	19.23	212	86803	2.16	ng/ul	0.00	
89) Benzo(a)pyrene-d12	23.02	264	78679	1.87	ng/ul	0.00	

Target Compounds

					Ovalue	
47) Acenaphthylene	13.80	152	80880	1.973	ng/ul	98
69) Phenanthrene	16.87	178	986055	19.946	ng/ul	99
71) Anthracene	16.96	178	255705	5.098	ng/ul	99
76) Fluoranthene	18.90	202	1900902	33.691	ng/ul	100
79) Pyrene	19.26	202	1604526	28.774	ng/ul	97
82) Benzo(a)anthracene	21.03	228	976013	18.506	ng/ul	98
84) Chrysene	21.07	228	881568	16.790	ng/ul	97
87) Benzo(b)fluoranthene	22.53	252	1066665	19.964	ng/ul	97
88) Benzo(k)fluoranthene	22.57	252	319232m >	6.067	ng/ul >	J4 02/05/20
90) Benzo(a)pyrene	23.06	252	709869	14.340	ng/ul#	93
91) Indeno(1,2,3-cd)pyrene	25.22	276	444597	7.554	ng/ul	96
92) Dibenzo(a,h)anthracene	25.22	278	123564	2.494	ng/ul#	92
93) Benzo(g,h,i)perylene	25.84	276	337082	6.834	ng/ul#	91

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