

(QT Reviewed)

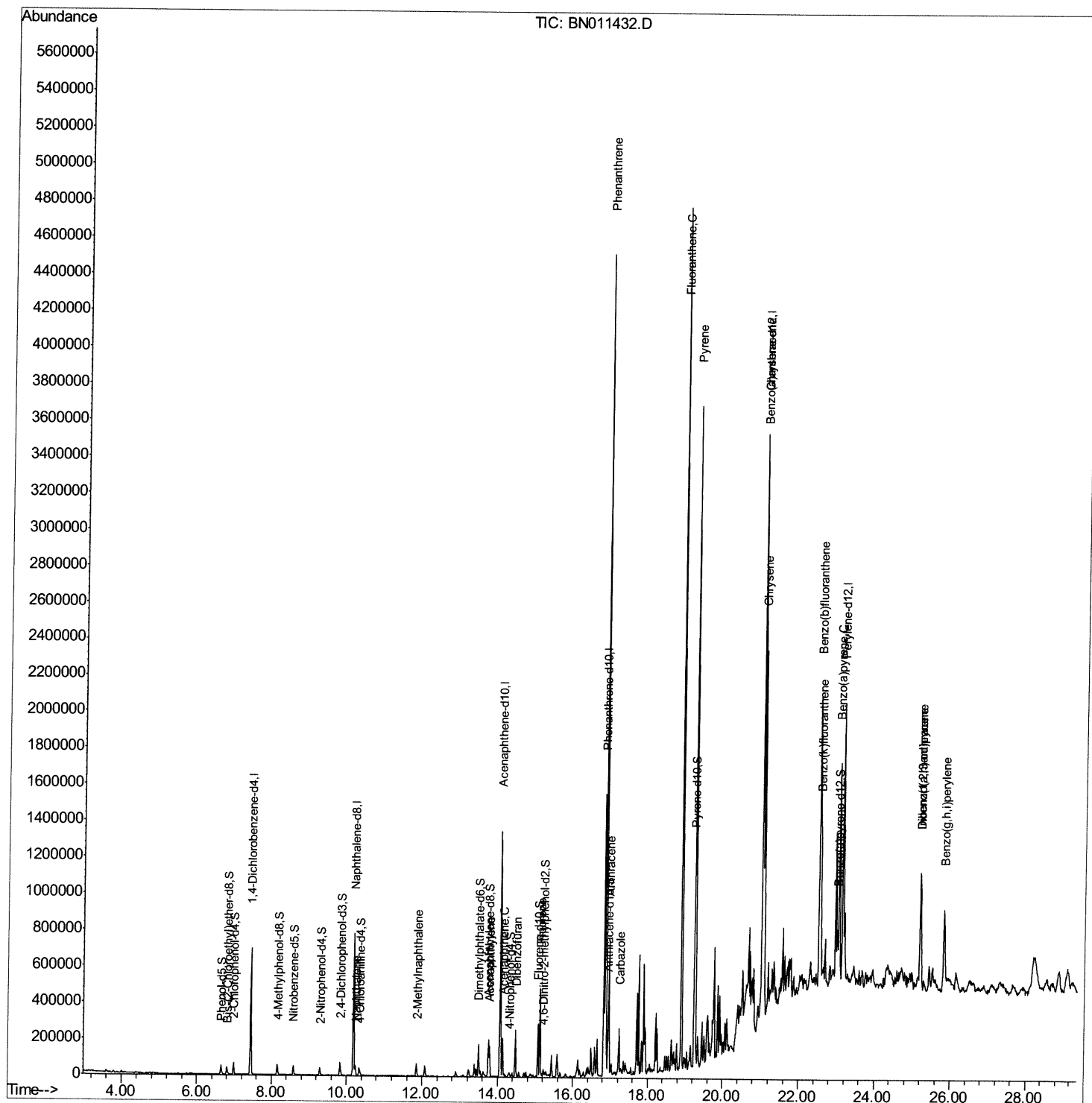
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Data Path   : Z:\svoasrv\HPCHEM1\BNA N\Data\BN081420\  
Data File  : BN011432.D  
Acq On     : 14 Aug 2020   18:48  
Operator   : CG/JU  
Sample     : L3631-10DL 5X  
Misc       :  
ALS Vial   : 5      Sample Multiplier: 1
```

Instrument :
BNA_N
ClientSampleId :
BFMM6DL

Manual Integrations
APPROVED

mohammad
8/18/2020 1:43:02 PM

Quant Time: Aug 17 01:34:58 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN081420MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Aug 14 15:37:33 2020
Response via : Initial Calibration



Quantitation Report (Qedit)

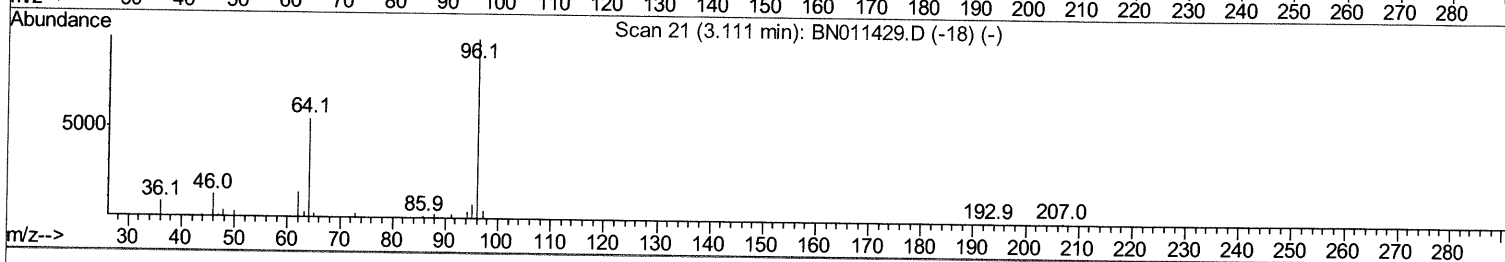
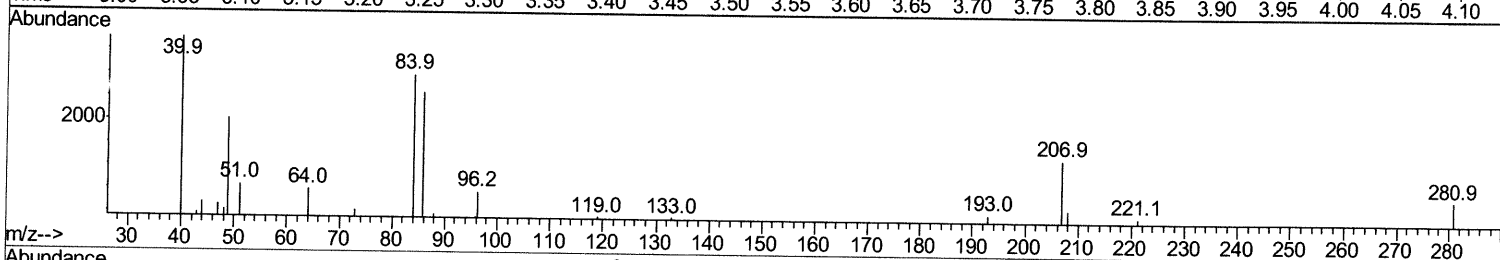
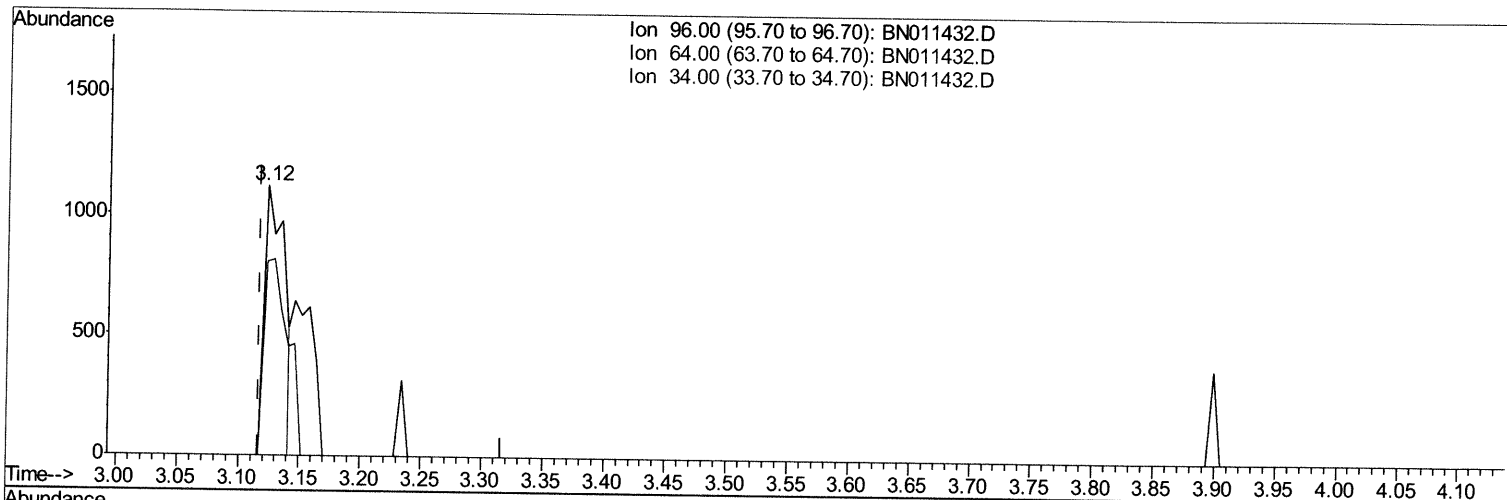
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TIC: BN011432.D

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

3.122min (+0.006) 0.31ng/uL

response 1242

Ion	Exp%	Act%
96.00	100	100
64.00	54.40	71.99#
34.00	0.00	0.00
0.00	0.00	0.00

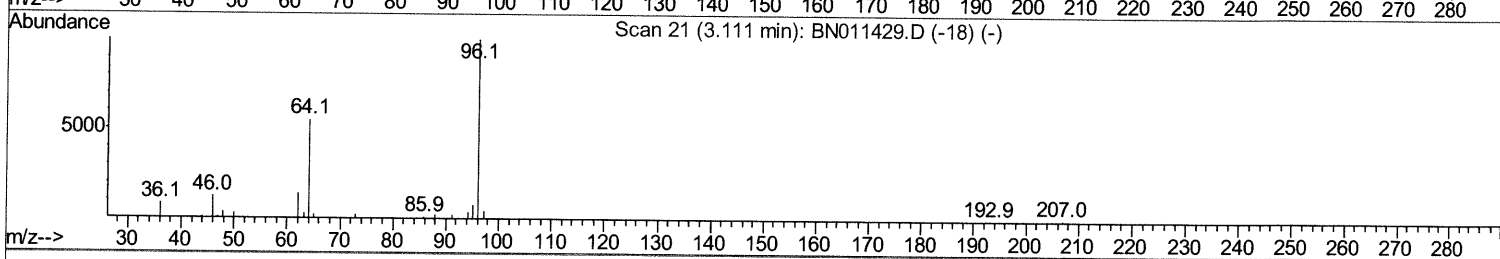
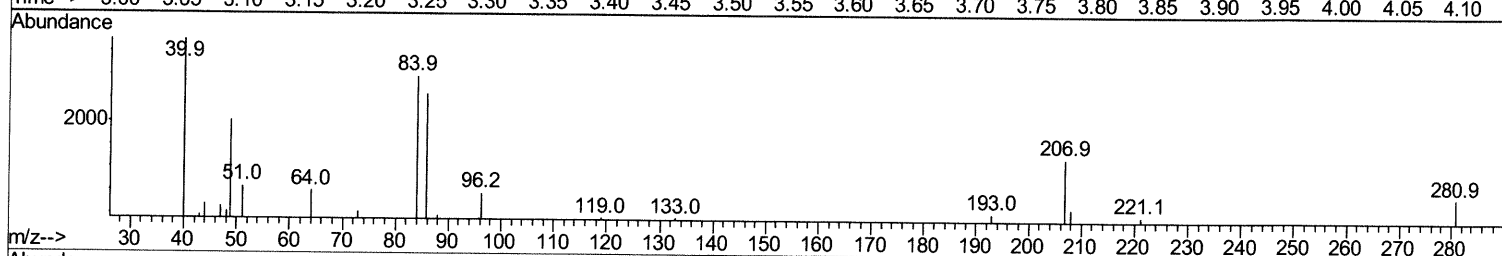
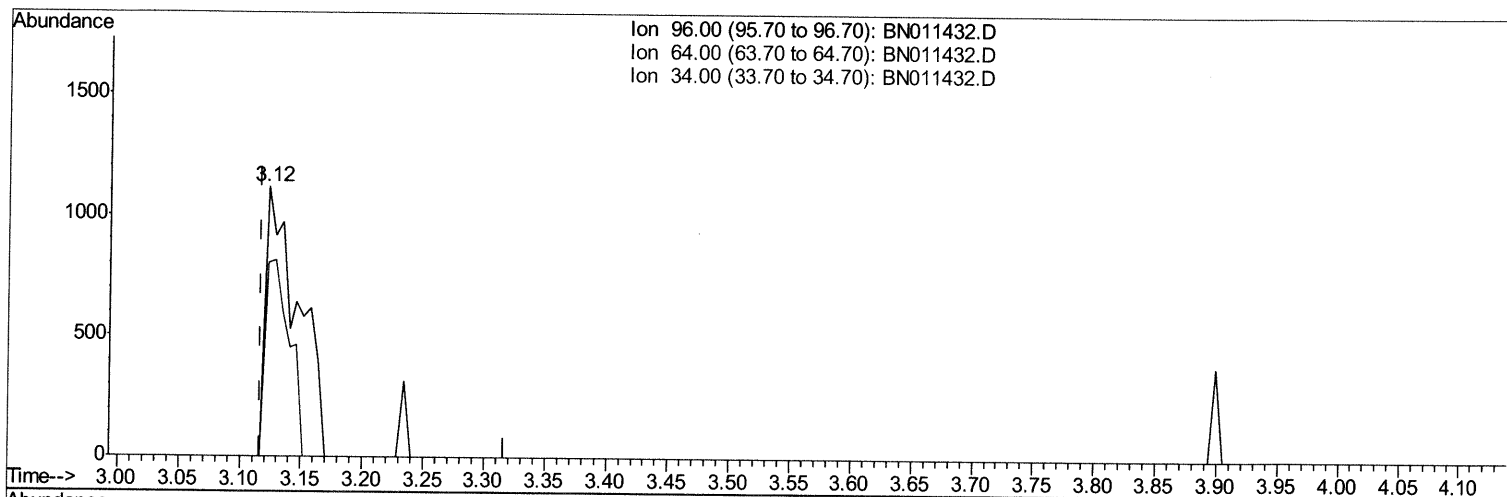
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TIC: BN011432.D

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

3.122min (+0.006) 0.50ng/uL m 08/24/20 JU

response 2024

Ion	Exp%	Act%
96.00	100	100
64.00	54.40	103.48#
34.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

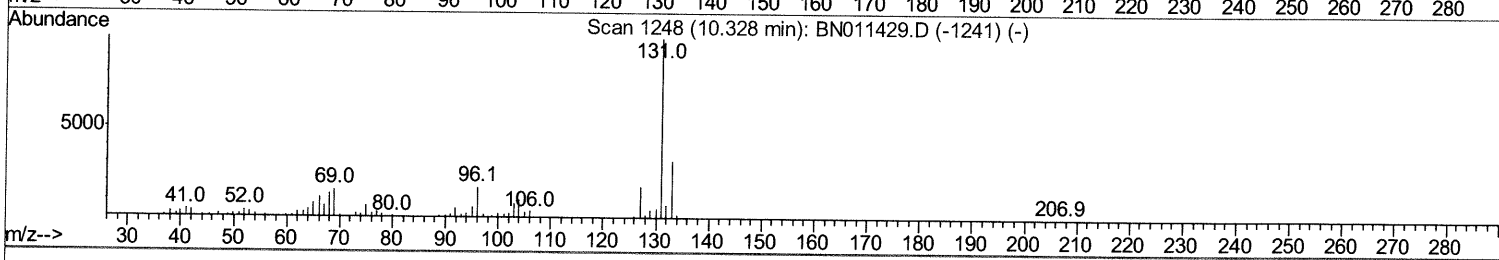
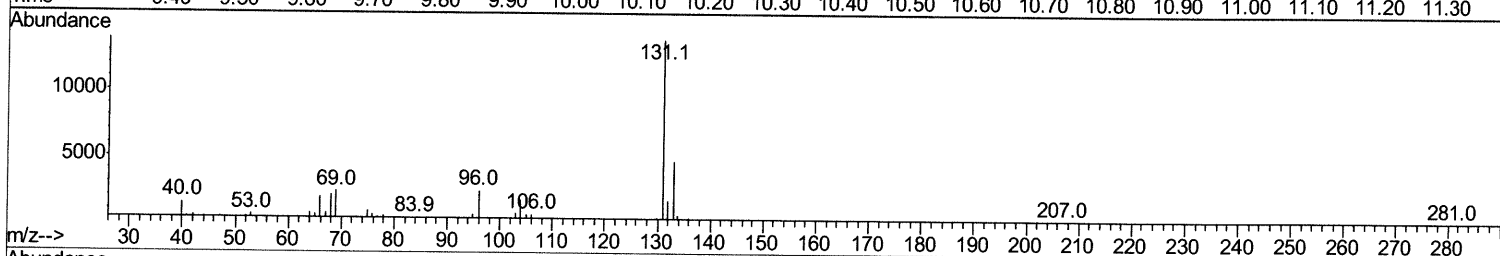
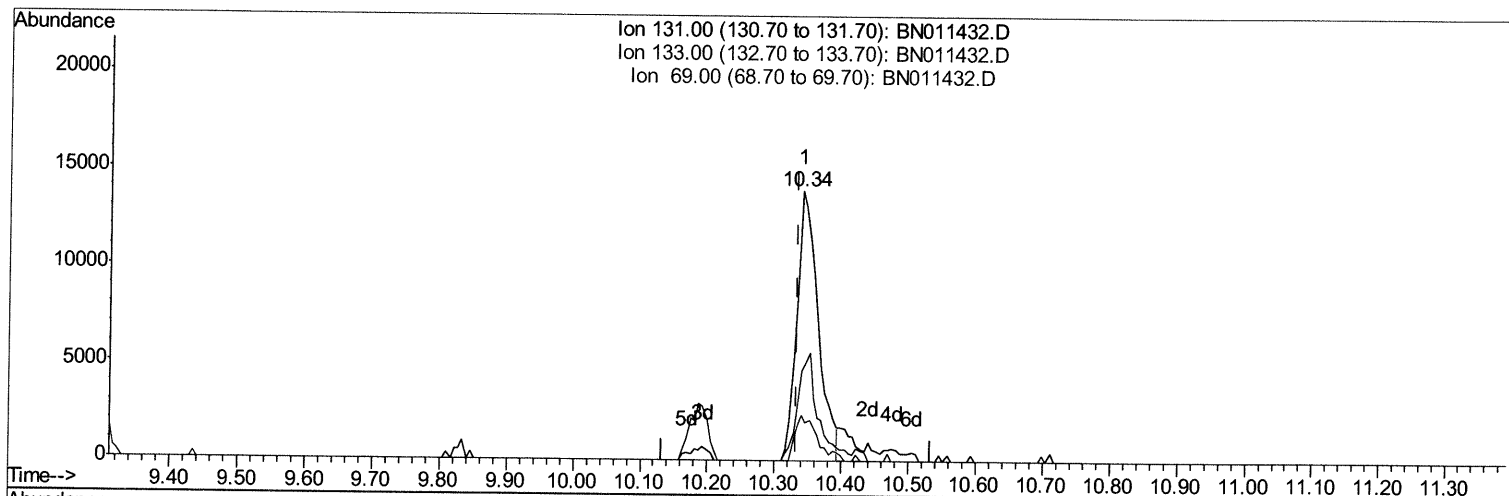
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TIC: BN011432.D

(29) 4-Chloroaniline-d4 (S)

10.340min (+0.006) 2.30ng/ul

response 30774

Ion	Exp%	Act%
131.00	100	100
133.00	32.10	33.36
69.00	17.90	16.75
0.00	0.00	0.00

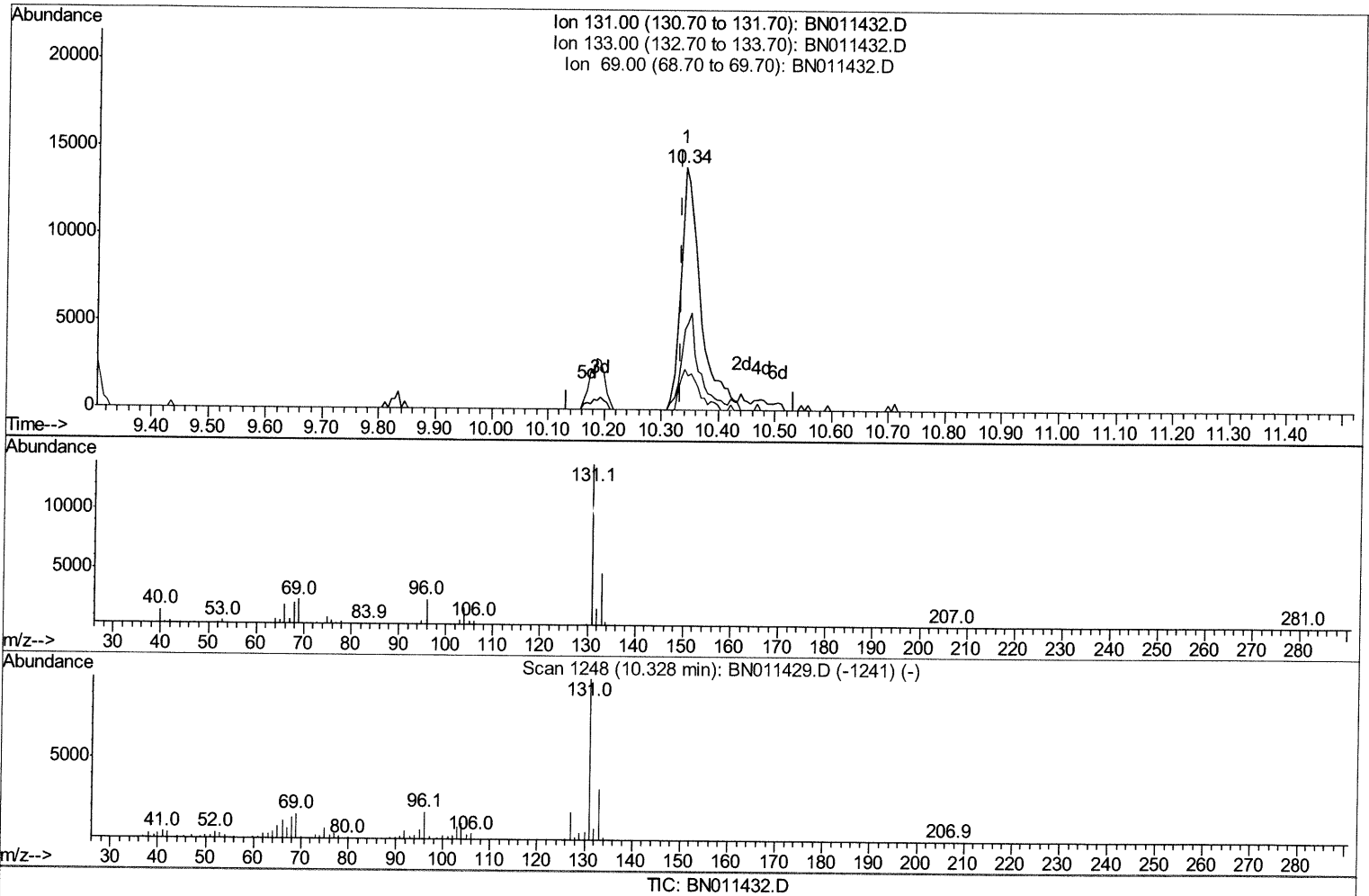
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Sample : L3631-10DL 5X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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(29) 4-Chloroaniline-d4 (S)

10.340min (+0.006) 2.69ng/ul m 08/24/2024

response 35880

Ion	Exp%	Act%
131.00	100	100
133.00	32.10	33.36
69.00	17.90	16.75
0.00	0.00	0.00

Quantitation Report (Qedit)

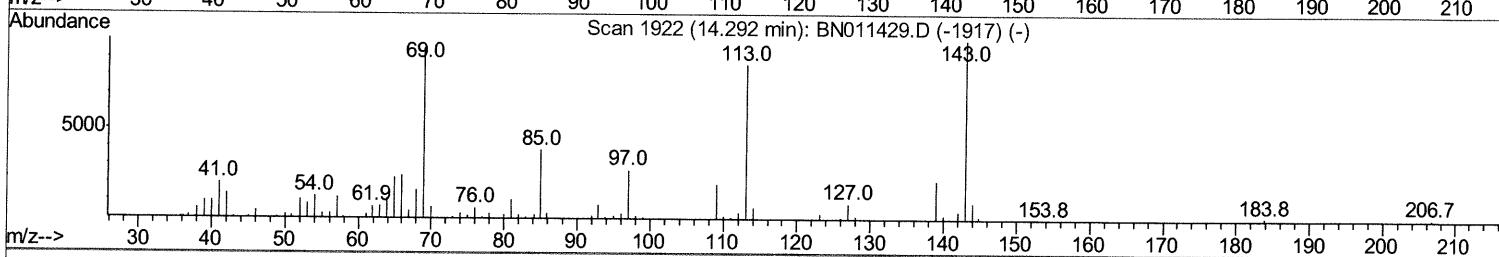
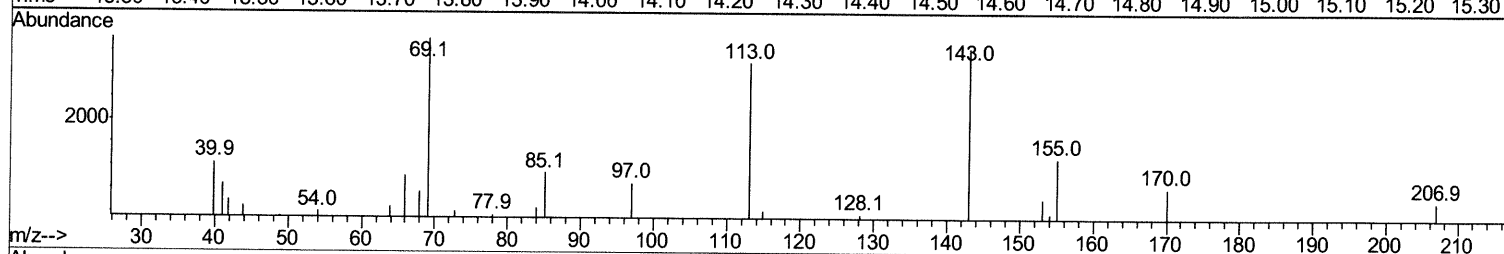
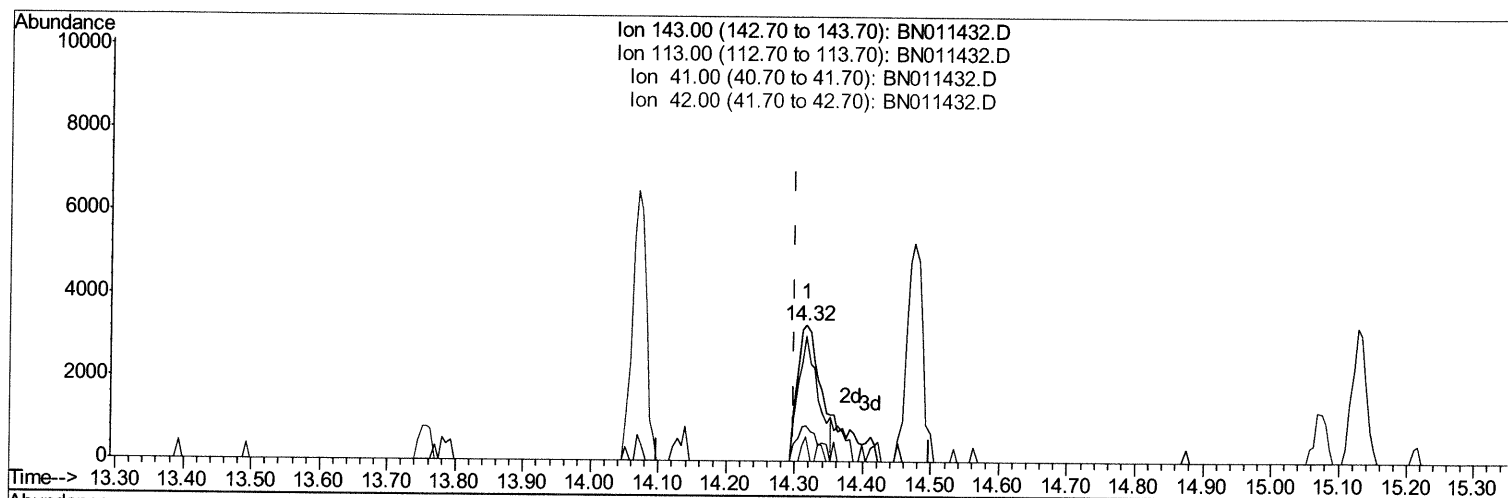
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Operator : CG/JU
Sample : L3631-10DL 5X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BFMM6DL

Manual Integrations
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TIC: BN011432.D

(52) 4-Nitrophenol-d4 (S)

14.316min (+0.018) 1.27ng/ul

response 7567

Ion	Exp%	Act%
143.00	100	100
113.00	88.20	91.65
41.00	20.00	26.59#
42.00	15.10	18.31#

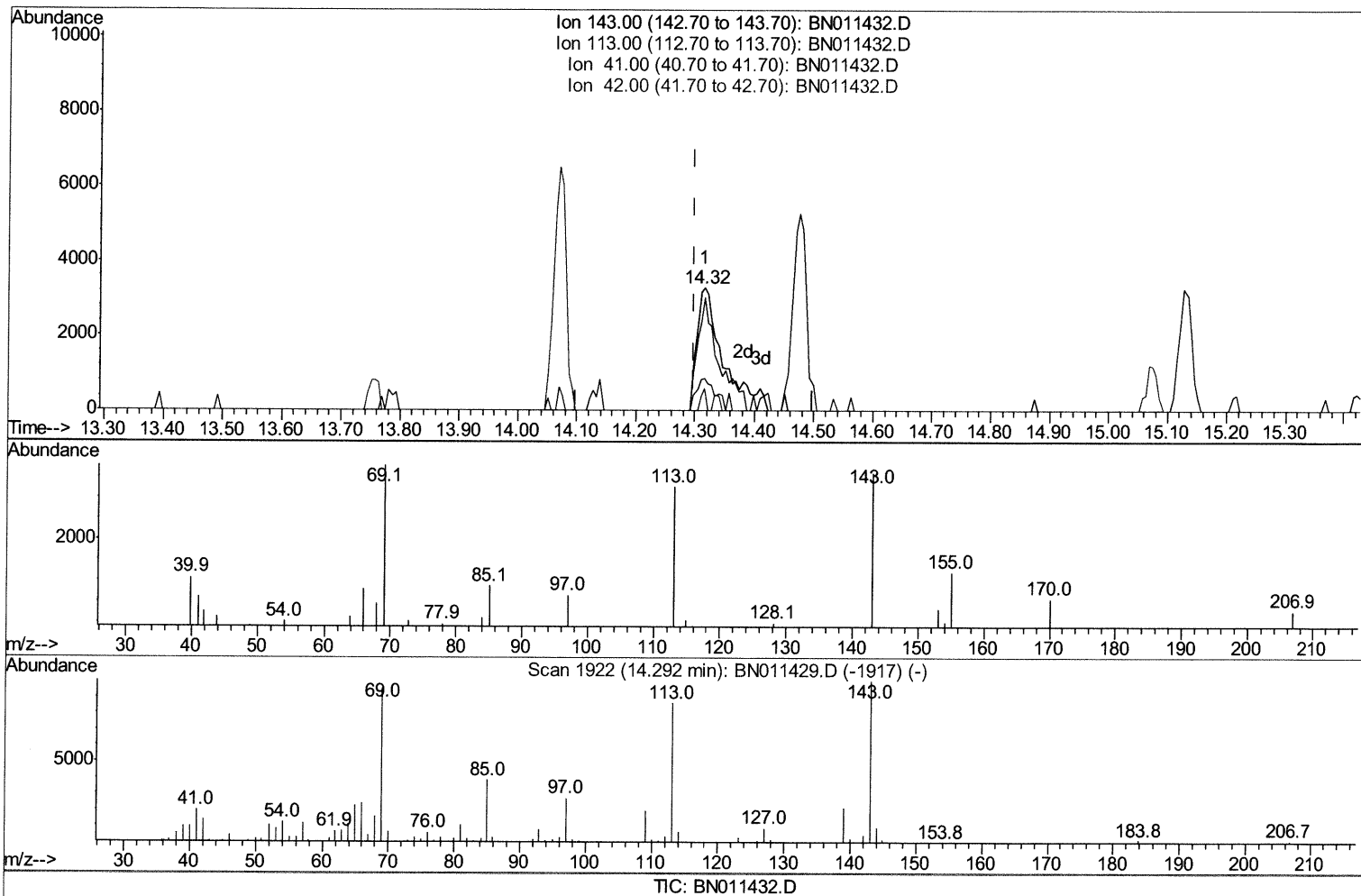
Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN081420\
Data File : BN011432.D
Acq On : 14 Aug 2020 18:48
Operator : CG/JU
Sample : L3631-10DL 5X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BFMM6DL

Manual Integrations
APPROVED

mohammad
8/18/2020 1:43:02 PM

Quant Time: Aug 17 01:29:37 2020
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Quant Title : SVOA CALIBRATION
QLast Update : Fri Aug 14 15:37:33 2020
Response via : Initial Calibration



(52) 4-Nitrophenol-d4 (S)

14.316min (+0.018) 1.68ng/ul m 08/24/20 JU

response 10018

Ion	Exp%	Act%
143.00	100	100
113.00	88.20	91.65
41.00	20.00	26.59#
42.00	15.10	18.31#

Quantitation Report (Qedit)

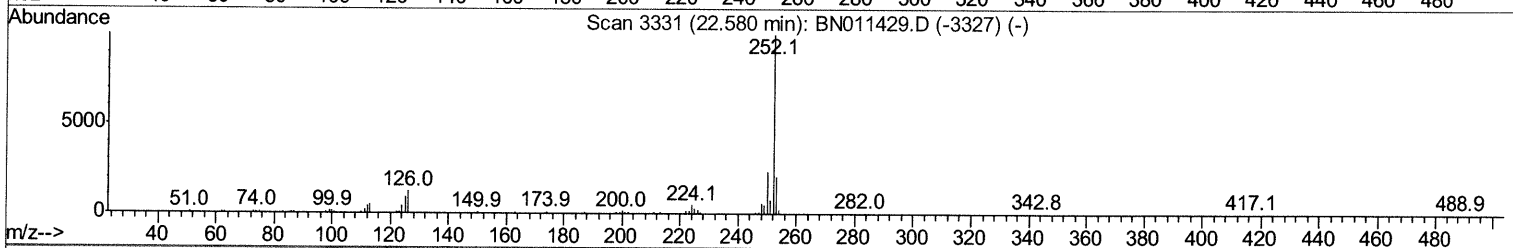
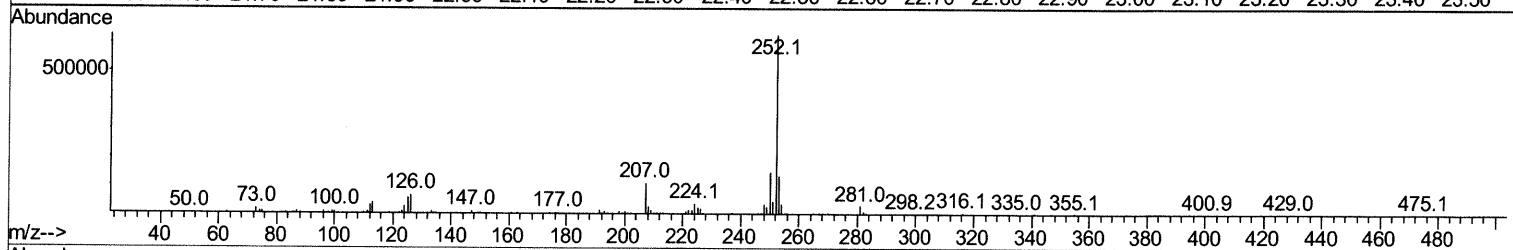
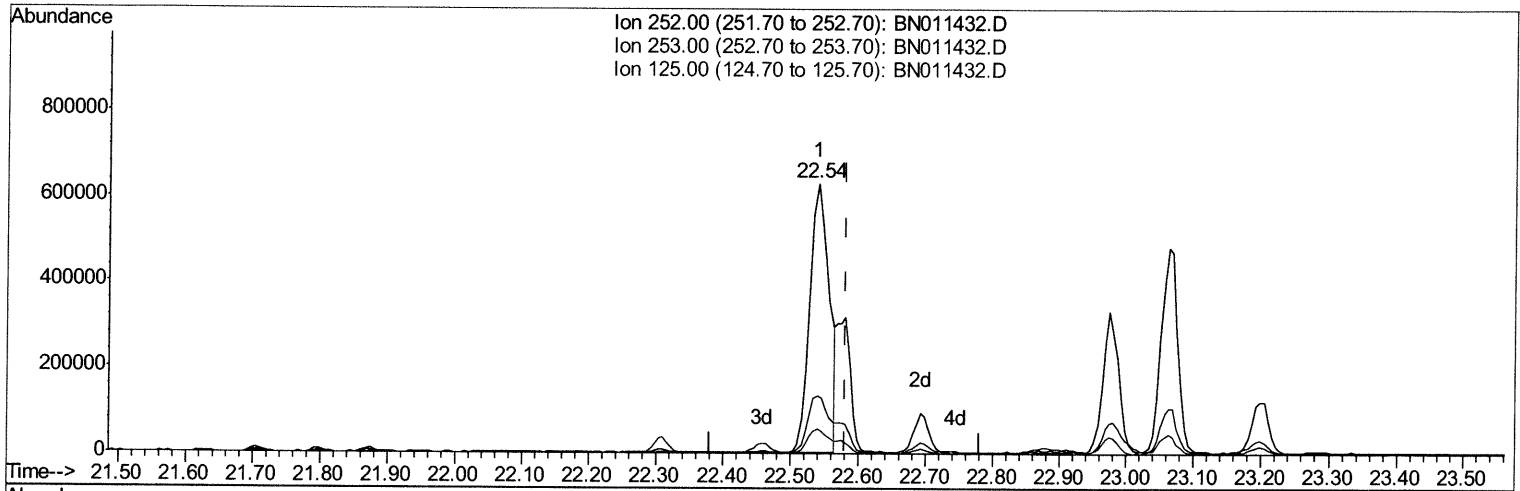
Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN081420\
 Data File : BN011432.D
 Acq On : 14 Aug 2020 18:48
 Operator : CG/JU
 Sample : L3631-10DL 5X
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_N
ClientSampled :
 BFMM6DL

Manual Integrations
APPROVED

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 8/18/2020 1:43:02 PM

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(89) Benzo(k)fluoranthene
 22.539min (-0.041) 18.95ng/ul
 response 1237087

Ion	Exp%	Act%
252.00	100	100
253.00	19.70	21.22
125.00	7.50	8.96
0.00	0.00	0.00

Quantitation Report (Qedit)

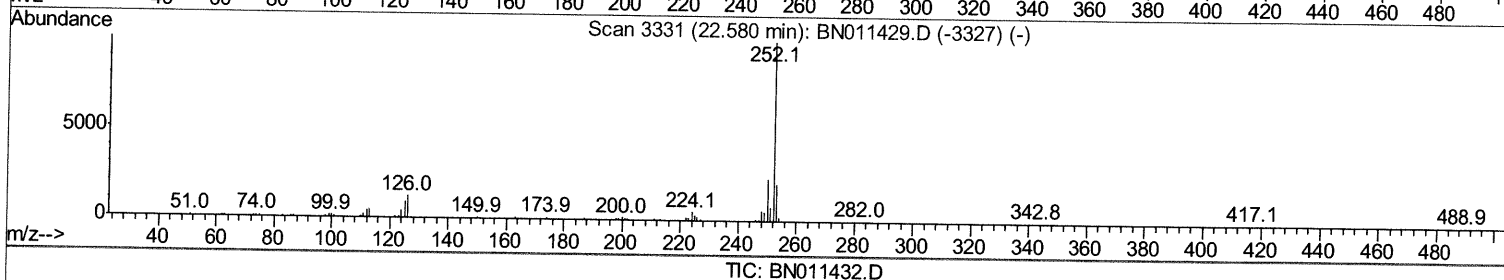
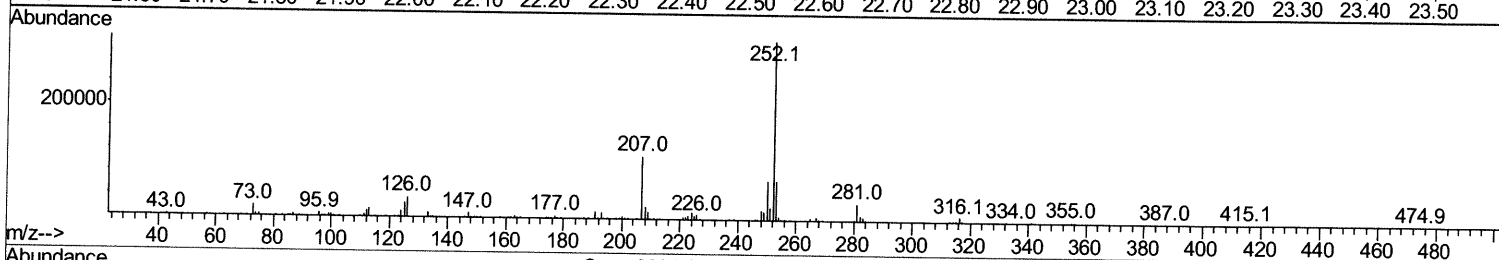
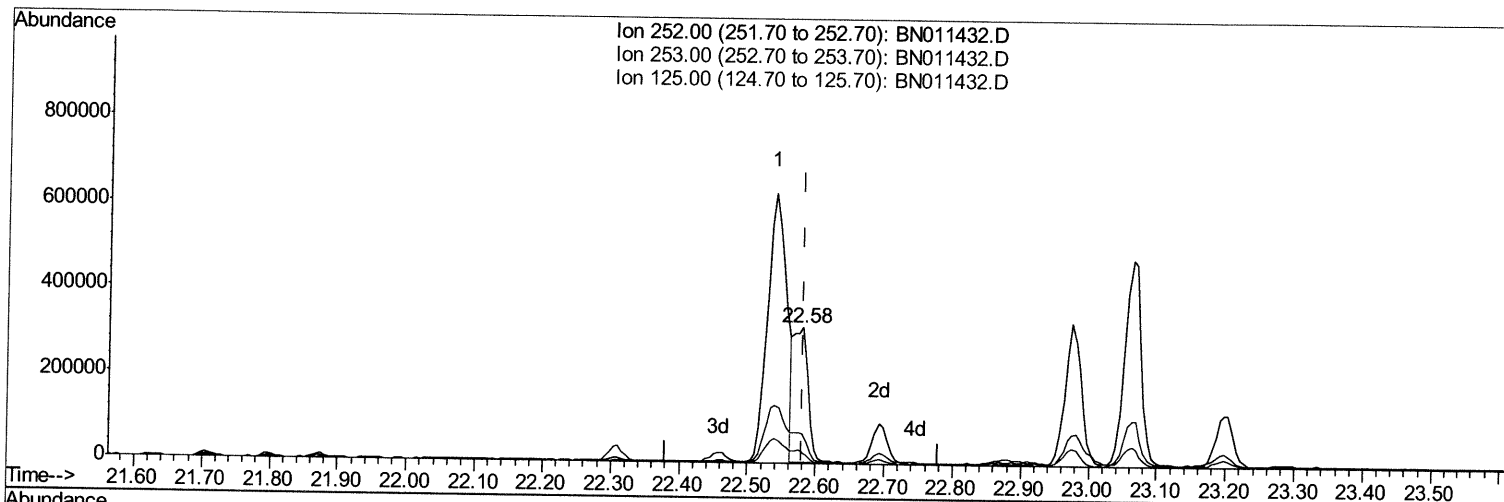
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 Acq On : 14 Aug 2020 18:48
 Operator : CG/JU
 Sample : L3631-10DL 5X
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_N
ClientSampleId :
 BFMM6DL

Manual Integrations
APPROVED

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 Response via : Initial Calibration



(89) Benzo(k)fluoranthene

22.580min (+0.000) 6.69ng/ul m 08/24/20 JU

response 436750

Ion	Exp%	Act%
252.00	100	100
253.00	19.70	21.84
125.00	7.50	8.43
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	7.44	152	192367	20.00	ng/ul	0.00
18) Naphthalene-d8	10.19	136	678485	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.07	164	451407	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.83	188	893334	20.00	ng/ul	0.00
78) Chrysene-d12	21.05	240	924071	20.00	ng/ul	0.00
86) Perylene-d12	23.16	264	940290	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.12	96	2024m>	0.50	ng/uL	> 0.00	08/24/20 JU
5) Phenol-d5	6.65	99	33992	2.50	ng/ul	0.00	
7) Bis-(2-Chloroethyl)ether-d	6.80	67	19535	2.82	ng/ul	0.00	
9) 2-Chlorophenol-d4	6.99	132	31909	2.62	ng/ul	0.00	
13) 4-Methylphenol-d8	8.16	113	27882	2.52	ng/ul	0.00	
19) Nitrobenzene-d5	8.58	128	16364	3.11	ng/ul	0.00	
22) 2-Nitrophenol-d4	9.30	143	16187	2.74	ng/ul	0.01	
26) 2,4-Dichlorophenol-d3	9.83	165	33327	2.98	ng/ul	0.00	
29) 4-Chloroaniline-d4	10.34	131	35880m>	2.69	ng/ul	> 0.00	08/24/20 JU
44) Dimethylphthalate-d6	13.50	166	124334	3.54	ng/ul	0.00	
47) Acenaphthylene-d8	13.76	160	133728	3.16	ng/ul	0.00	
52) 4-Nitrophenol-d4	14.32	143	10018m>	1.68	ng/ul	> 0.02	08/24/20 JU
58) Fluorene-d10	15.07	176	101879	3.31	ng/ul	0.00	
63) 4,6-Dinitro-2-methylphenol	15.22	200	9550	1.61	ng/ul	0.00	
71) Anthracene-d10	16.92	188	158569	3.72	ng/ul	0.00	
79) Pyrene-d10	19.23	212	177483	3.74	ng/ul	0.00	
90) Benzo(a)pyrene-d12	23.02	264	180022	3.45	ng/ul	0.00	

Target Compounds

Target Compounds					Ovalue	
28) Naphthalene	10.23	128	46414	1.226	ng/ul	97
34) 2-Methylnaphthalene	11.86	142	38015	1.465	ng/ul	96
48) Acenaphthylene	13.79	152	107530	2.454	ng/ul	98
50) Acenaphthene	14.13	153	83134	2.711	ng/ul	97
54) Dibenzofuran	14.47	168	163915	3.685	ng/ul	97
59) Fluorene	15.13	166	205294	5.727	ng/ul	98
70) Phenanthrene	16.87	178	2572891	48.557	ng/ul	99
72) Anthracene	16.96	178	454411	8.467	ng/ul	99
75) Carbazole	17.23	167	161161	3.571	ng/ul	99
77) Fluoranthene	18.90	202	2727309	42.064	ng/ul	99
80) Pyrene	19.26	202	2136722	32.859	ng/ul	99
83) Benzo(a)anthracene	21.03	228	1132692	18.425	ng/ul	95
85) Chrysene	21.08	228	1044087	17.098	ng/ul	96
88) Benzo(b)fluoranthene	22.54	252	1237087	18.819	ng/ul	99
89) Benzo(k)fluoranthene	22.58	252	436750m>	6.690	ng/ul>	08
91) Benzo(a)pyrene	23.06	252	820683	13.550	ng/ul	98
92) Indeno(1,2,3-cd)pyrene	25.20	276	537572	6.925	ng/ul	96
93) Dibenzo(a,h)anthracene	25.21	278	160862	2.475	ng/ul#	86
94) Benzo(a,h,i)perylene	25.83	276	460492	7.155	ng/ul	96

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