

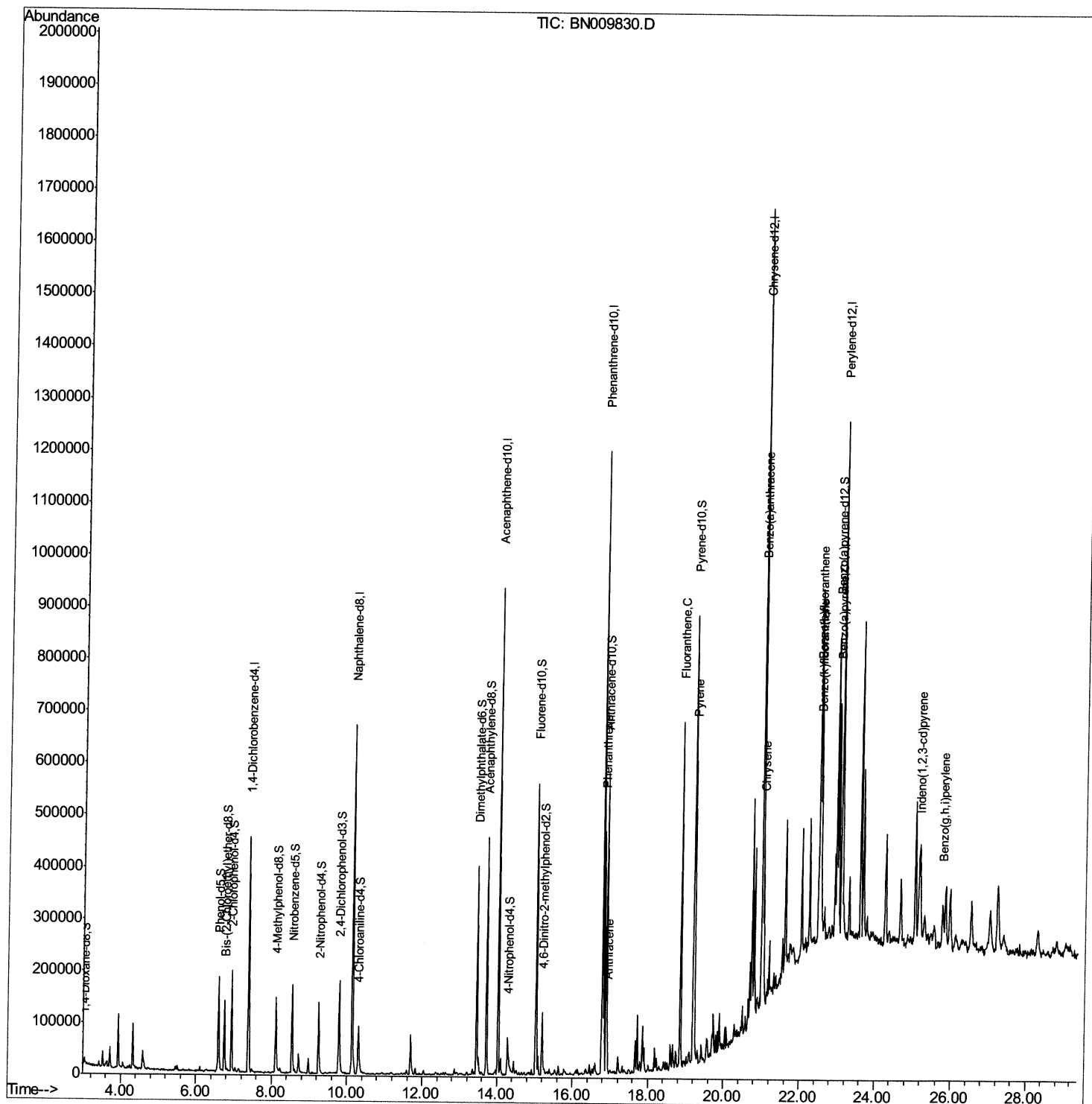
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN022220\
Data File : BN009830.D
Acq On : 22 Feb 2020 05:15
Operator : CG/JU
Sample : L1535-13
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
CB6R1

Manual Integrations
APPROVED

mohammad
2/24/2020 4:48:37 PM

Quant Time: Feb 22 05:54:37 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN021220MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Feb 21 22:14:17 2020
Response via : Initial Calibration



Quantitation Report (Qedit)

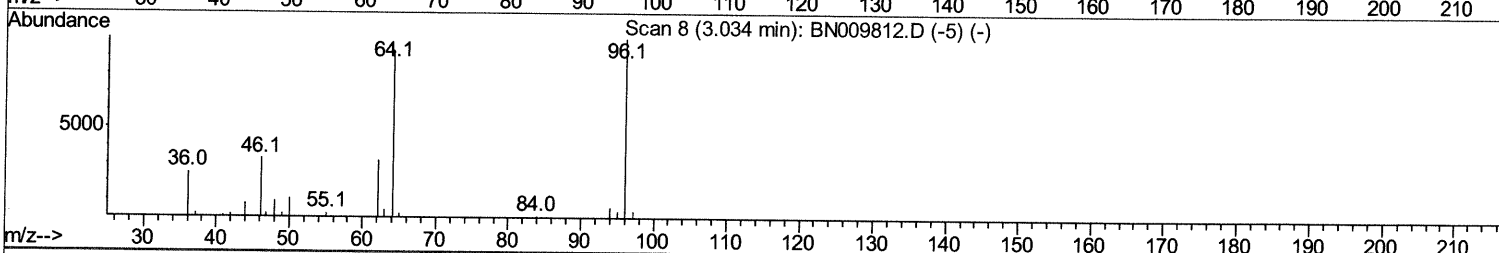
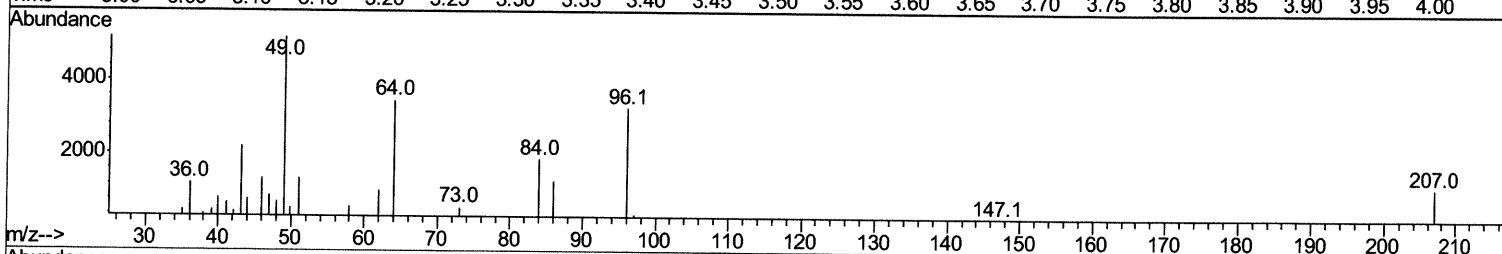
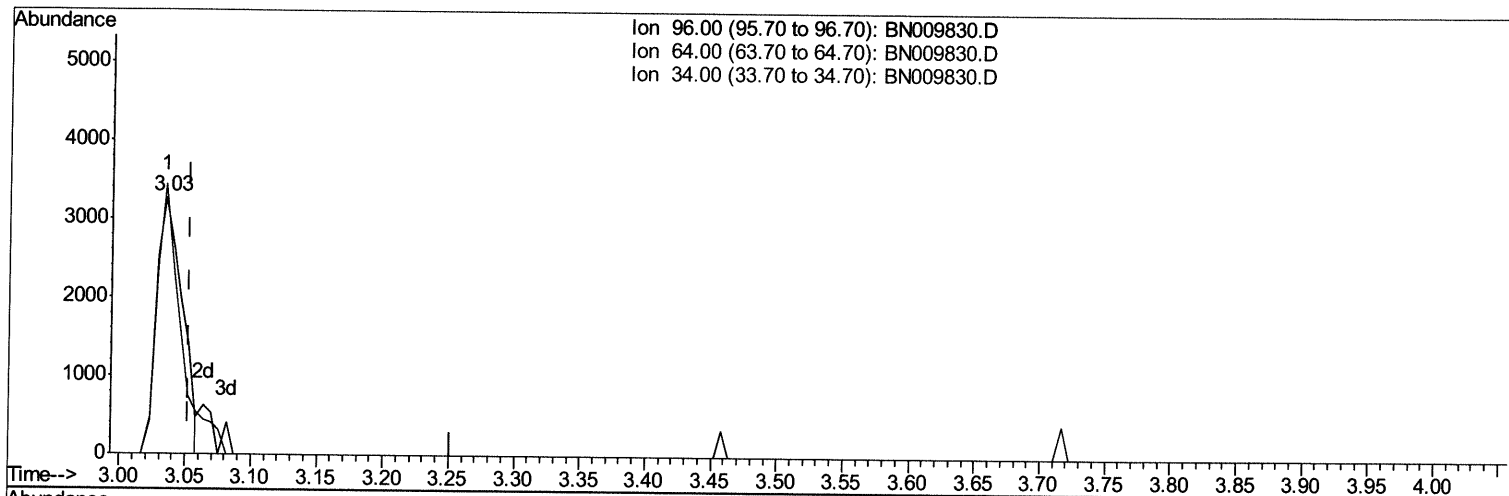
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TIC: BN009830.D

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

3.034min (-0.018) 1.69ng/uL

response 4499

Ion	Exp%	Act%
96.00	100	100
64.00	93.60	105.24
34.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

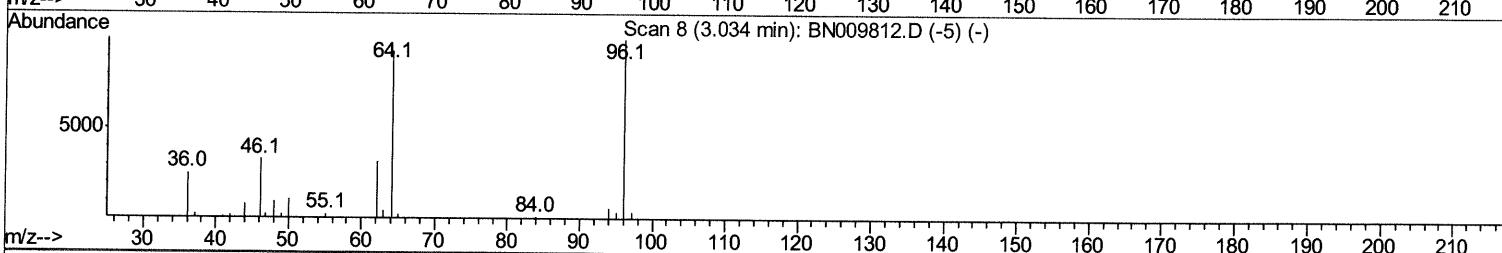
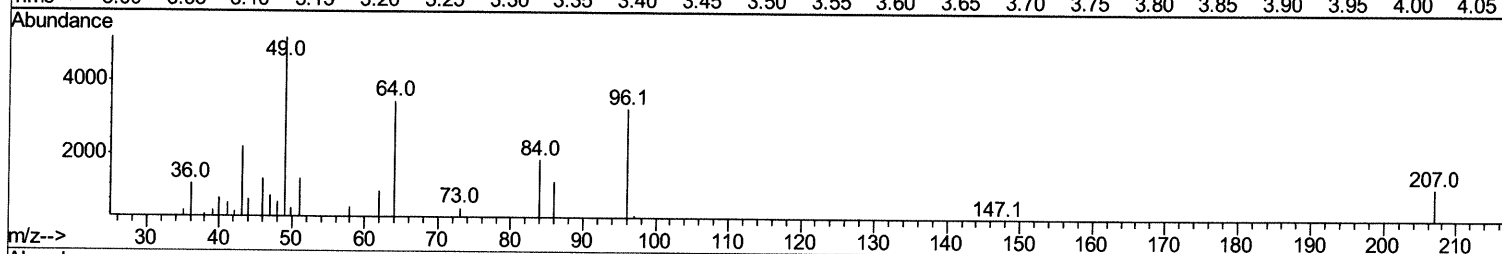
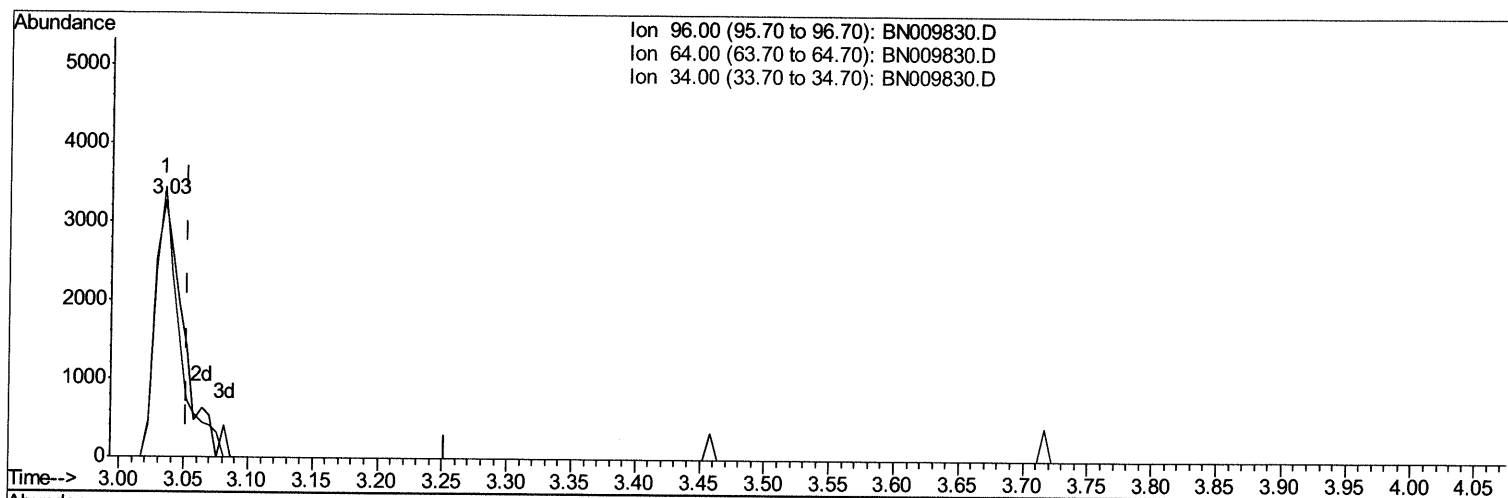
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TIC: BN009830.D

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

3.034min (-0.018) 1.84ng/uL m JU 02/25/20

response 4905

Ion	Exp%	Act%
96.00	100	100
64.00	93.60	105.24
34.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

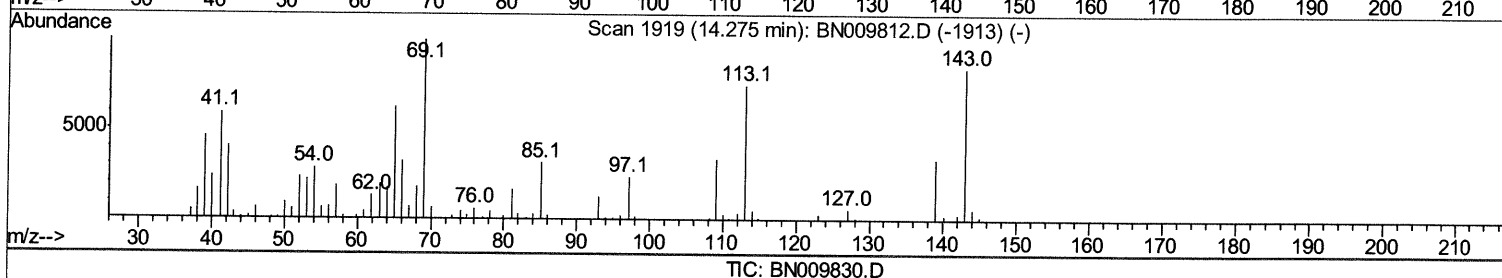
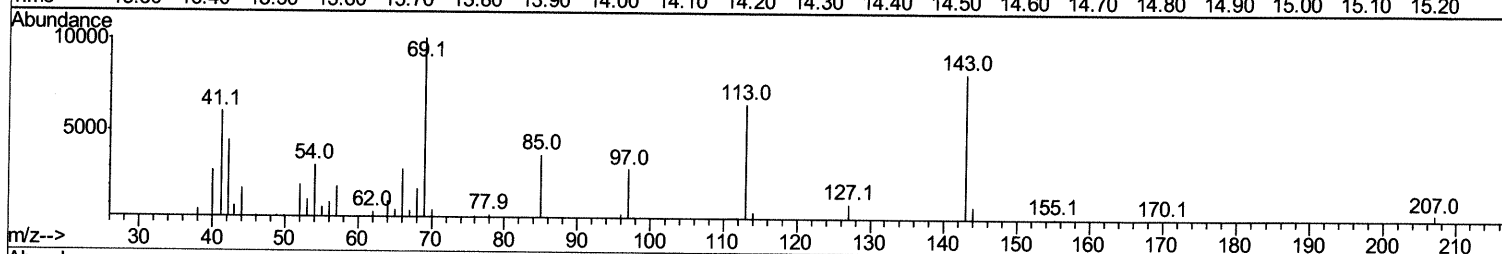
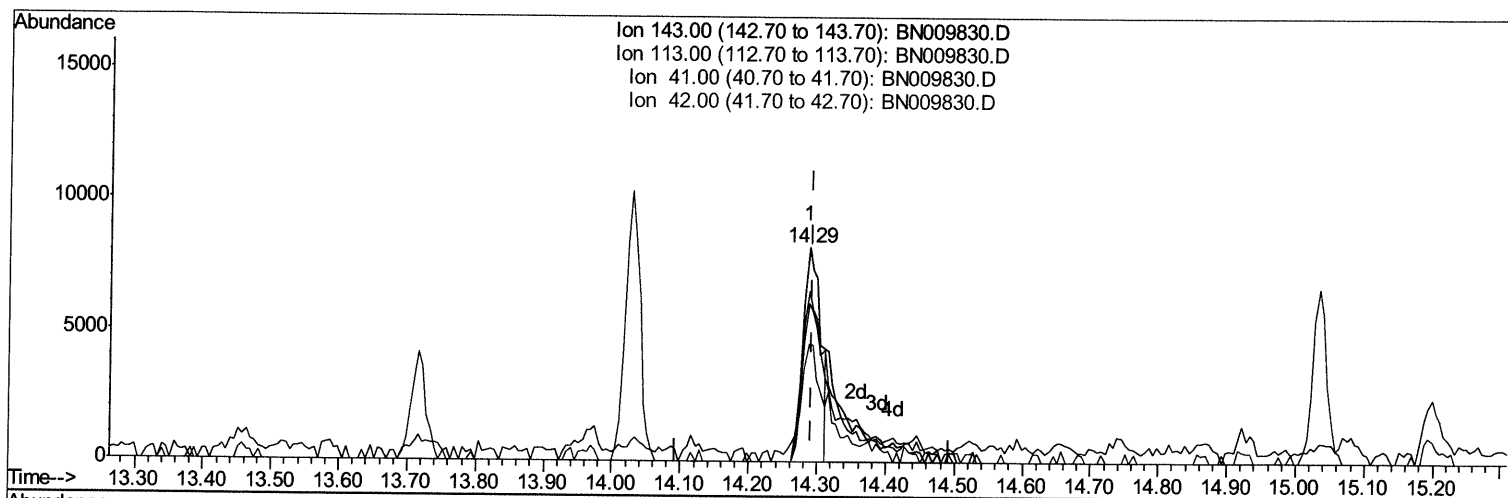
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(52) 4-Nitrophenol-d4 (S)

14.287min (-0.006) 3.69ng/ul

response 14765

Ion	Exp%	Act%
143.00	100	100
113.00	86.40	79.76
41.00	66.00	73.66
42.00	43.20	54.72#

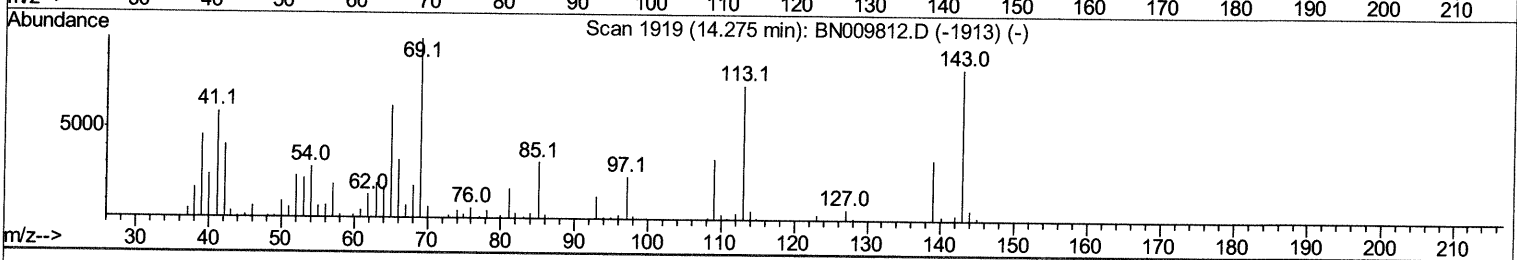
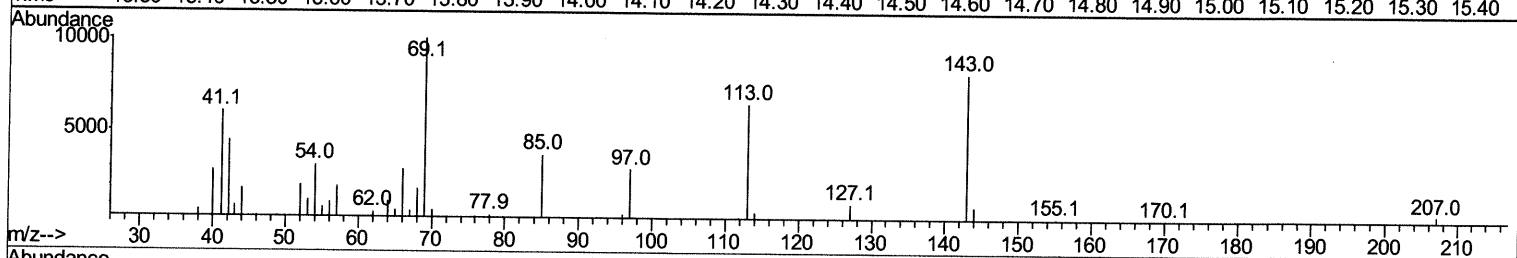
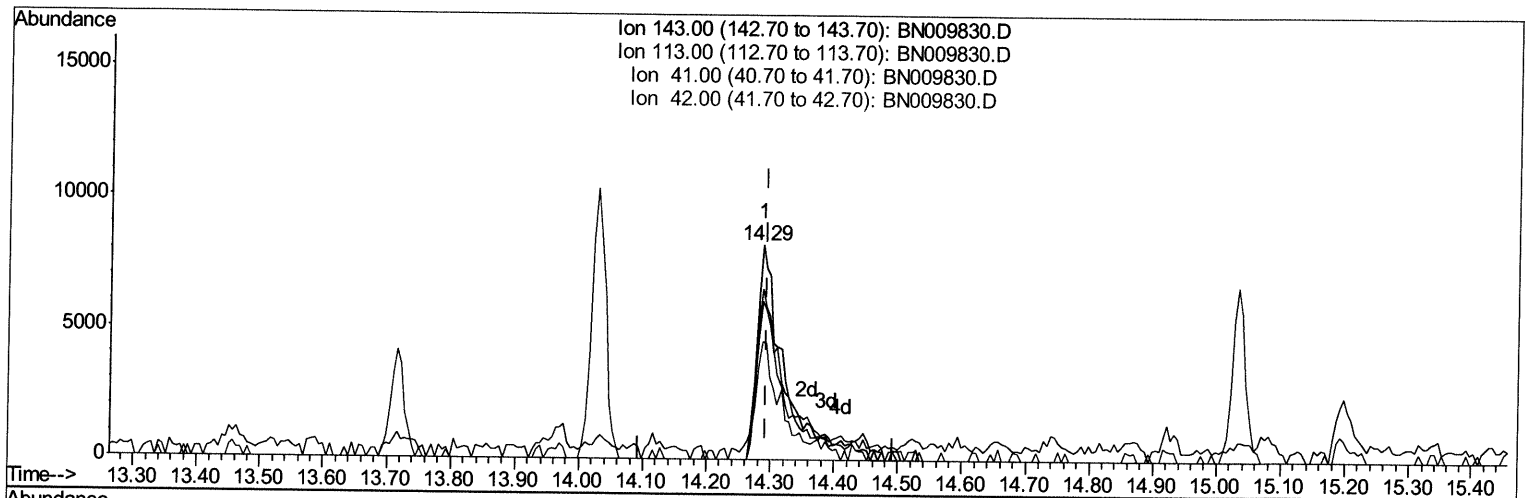
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Data File : BN009830.D  
Acq On : 22 Feb 2020 05:15  
Operator : CG/JU  
Sample : L1535-13  
Misc :  
ALS Vial : 19 Sample Multiplier: 1
```

Instrument :
BNA_N
ClientSampleId :
CB6R1

Manual Integrations

mohammad
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Quant Title : SVOA CALIBRATION
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TIC: BN009830.D

(52) 4-Nitrophenol-d4 (S)

14.287min (-0.006) 6.25ng/ul m JU 02/25/20

response 24978

Ion	Exp%	Act%
143.00	100	100
113.00	86.40	79.76
41.00	66.00	73.66
42.00	43.20	54.72#

Quantitation Report (Qedit)

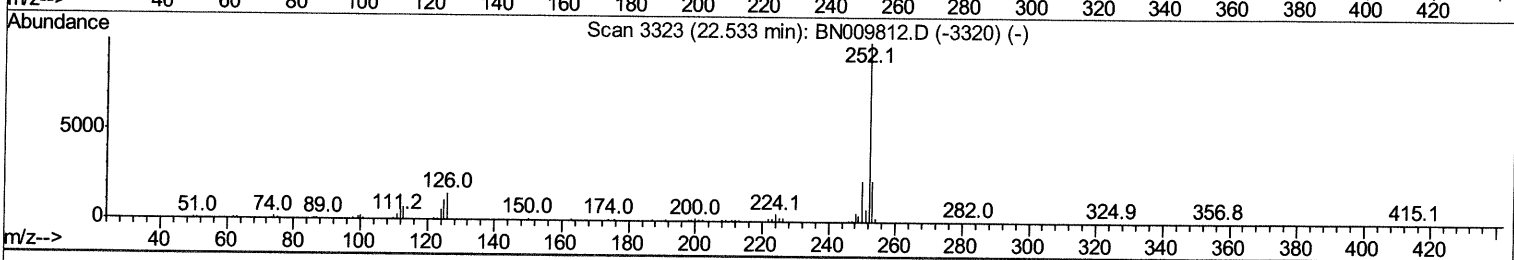
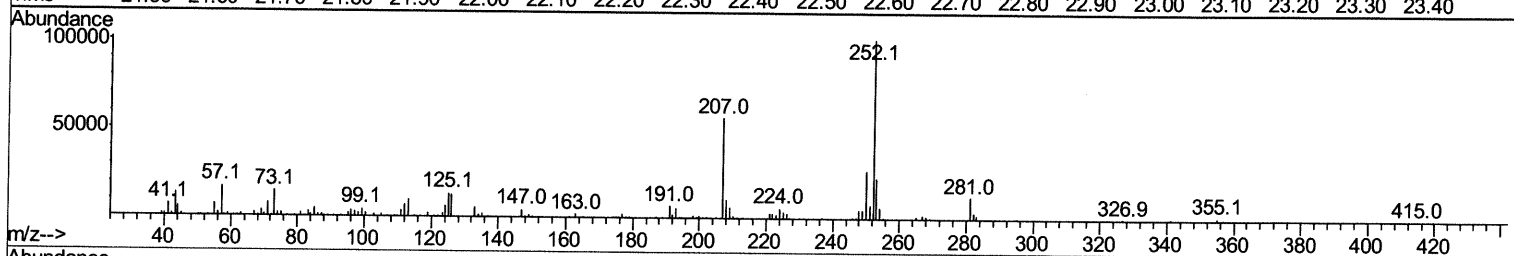
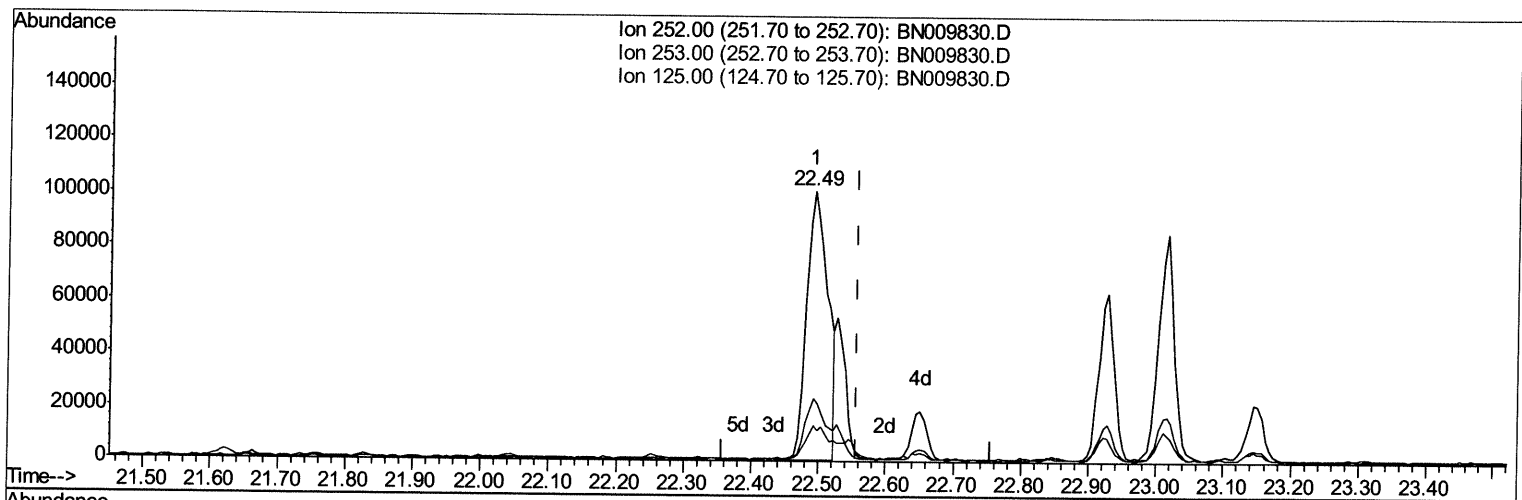
Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN022220\
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Acq On : 22 Feb 2020 05:15
Operator : CG/JU
Sample : L1535-13
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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Manual Integrations
APPROVED

mohammad
2/24/2020 4:48:37 PM

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Response via : Initial Calibration



TIC: BN009830.D

(89) Benzo(k)fluoranthene

22.492min (-0.065) 6.02ng/ul

response 220641

Ion	Exp%	Act%
252.00	100	100
253.00	22.50	22.99
125.00	10.20	13.36#
0.00	0.00	0.00

Quantitation Report (Qedit)

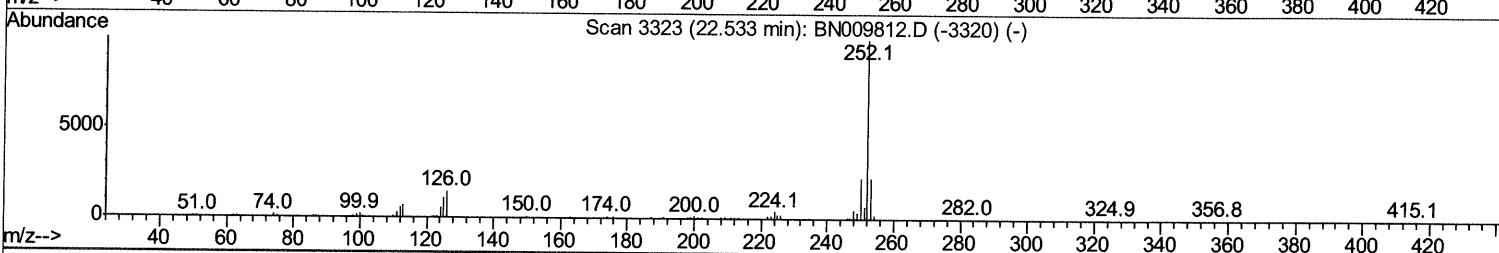
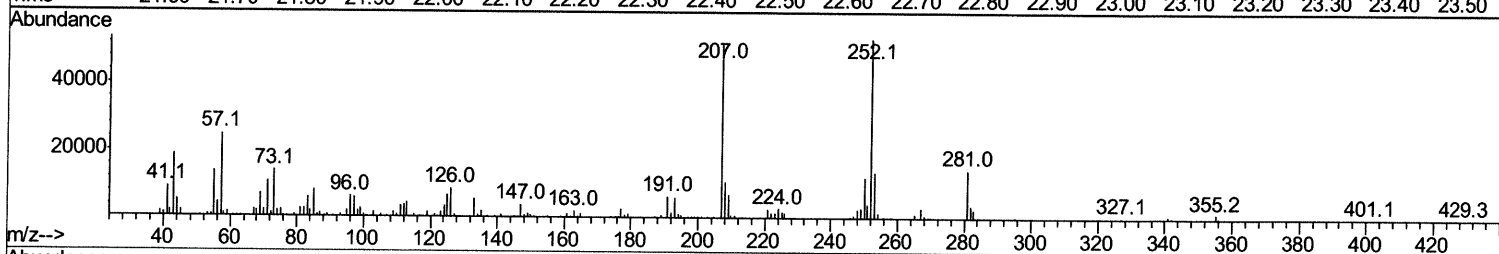
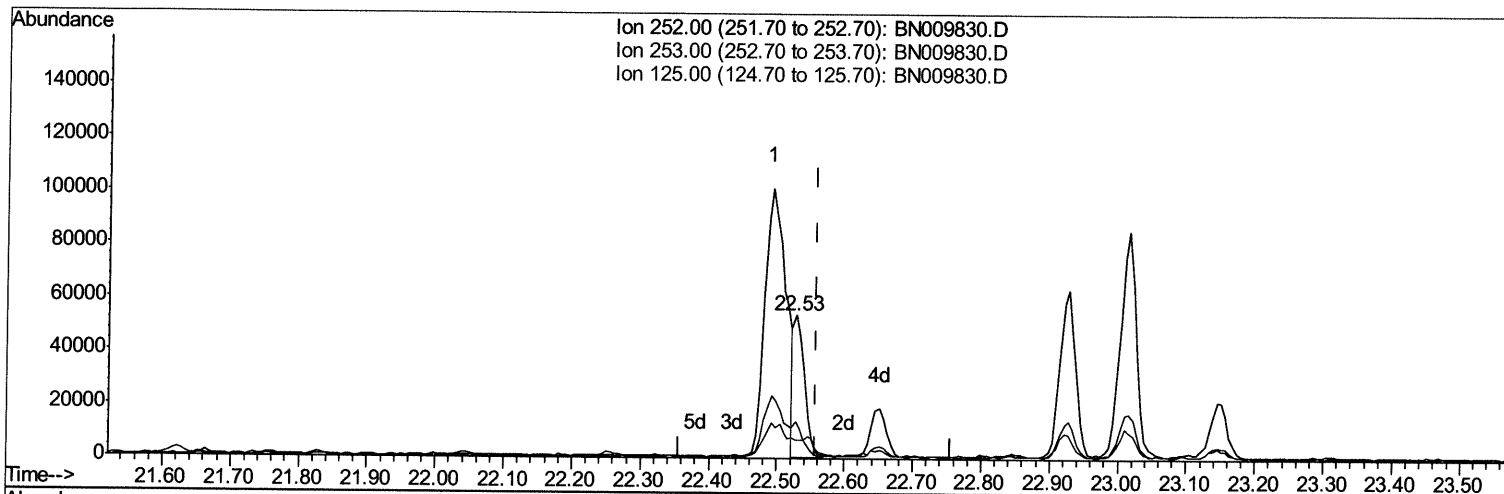
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 Data File : BN009830.D
 Acq On : 22 Feb 2020 05:15
 Operator : CG/JU
 Sample : L1535-13
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
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Manual Integrations
 APPROVED

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 Response via : Initial Calibration



TIC: BN009830.D

(89) Benzo(k)fluoranthene

22.527min (-0.030) 1.51ng/ul m JU 02/25/20

response 55384

Ion	Exp%	Act%
252.00	100	100
253.00	22.50	25.67
125.00	10.20	12.77#
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN022220\
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 Operator : CG/JU
 Sample : L1535-13
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
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Manual Integrations
 APPROVED

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.39	152	109418	20.00	ng/ul	-0.02
18) Naphthalene-d8	10.14	136	463469	20.00	ng/ul	-0.02
36) Acenaphthene-d10	14.03	164	293162	20.00	ng/ul	-0.02
62) Phenanthrene-d10	16.79	188	618653	20.00	ng/ul	-0.02
78) Chrysene-d12	21.00	240	551126	20.00	ng/ul	-0.02
86) Perylene-d12	23.10	264	596688	20.00	ng/ul	-0.03

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.03	96	4905m>	1.84	ng/uL>	-0.02	JU 02/25/20
5) Phenol-d5	6.60	99	93485	10.04	ng/ul	-0.02	
7) Bis-(2-Chloroethyl)ether-d	6.75	67	68993	10.74	ng/ul	-0.02	
9) 2-Chlorophenol-d4	6.93	132	73043	10.42	ng/ul	-0.02	
13) 4-Methylphenol-d8	8.11	113	52412	7.08	ng/ul	-0.02	
19) Nitrobenzene-d5	8.53	128	32459	9.57	ng/ul	-0.02	
22) 2-Nitrophenol-d4	9.25	143	36869	9.94	ng/ul	-0.02	
26) 2,4-Dichlorophenol-d3	9.79	165	67304	9.44	ng/ul	-0.01	
29) 4-Chloroaniline-d4	10.30	131	55567	6.94	ng/ul	-0.01	
44) Dimethylphthalate-d6	13.46	166	243778	11.13	ng/ul	-0.02	
47) Acenaphthylene-d8	13.72	160	282441	10.95	ng/ul	-0.02	
52) 4-Nitrophenol-d4	14.29	143	24978m>	6.25	ng/ul>	0.00	JU 02/25/20
58) Fluorene-d10	15.03	176	212928	11.26	ng/ul	-0.02	
63) 4,6-Dinitro-2-methylphenol	15.20	200	21872	5.69	ng/ul	-0.01	
71) Anthracene-d10	16.89	188	302436	10.66	ng/ul	-0.02	
79) Pyrene-d10	19.19	212	362883	12.60	ng/ul	-0.02	
90) Benzo(a)pyrene-d12	22.97	264	348953	11.71	ng/ul	-0.03	

Target Compounds

					Ovalue	
70) Phenanthrene	16.83	178	253548	7.181	ng/ul	99
72) Anthracene	16.92	178	48267	1.337	ng/ul	96
77) Fluoranthene	18.86	202	357996	8.656	ng/ul	99
80) Pyrene	19.22	202	325679	8.197	ng/ul	98
83) Benzo(a)anthracene	20.99	228	169345	4.471	ng/ul	98
85) Chrysene	21.04	228	167886	4.503	ng/ul	98
88) Benzo(b)fluoranthene	22.49	252	220641	5.703	ng/ul#	94
89) Benzo(k)fluoranthene	22.53	252	55384m>	1.512	ng/ul>	JU 02/25/20
91) Benzo(a)pyrene	23.02	252	136862	3.933	ng/ul	97
92) Indeno(1,2,3-cd)pyrene	25.14	276	91288	2.210	ng/ul	97
94) Benzo(g,h,i)perylene	25.76	276	86546	2.498	ng/ul	97

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