

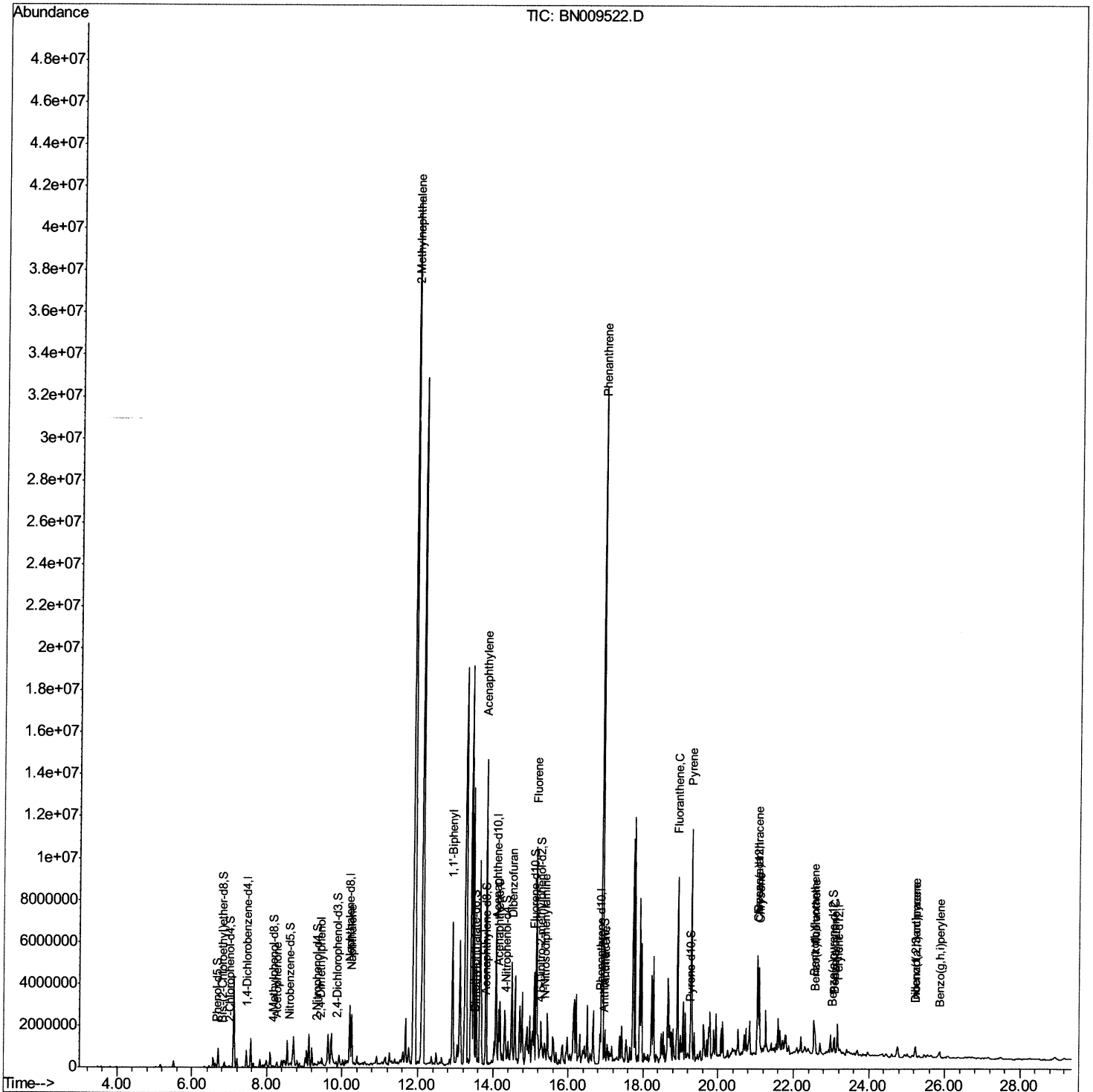
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Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN013020\  
Data File : BN009522.D  
Acq On    : 31 Jan 2020   21:48  
Operator  : CG/JU  
Sample    : L1271-05 10X  
Misc      :  
ALS Vial  : 47      Sample Multiplier: 1
```

Instrument :
BNA_N
ClientSampleId :
GASZ6

Manual Integrations

mohammad
2/3/2020 4:08:58 PM

Quant Time: Feb 01 02:11:12 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN012220MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jan 31 22:58:20 2020
Response via : Initial Calibration



Quantitation Report (Qedit)

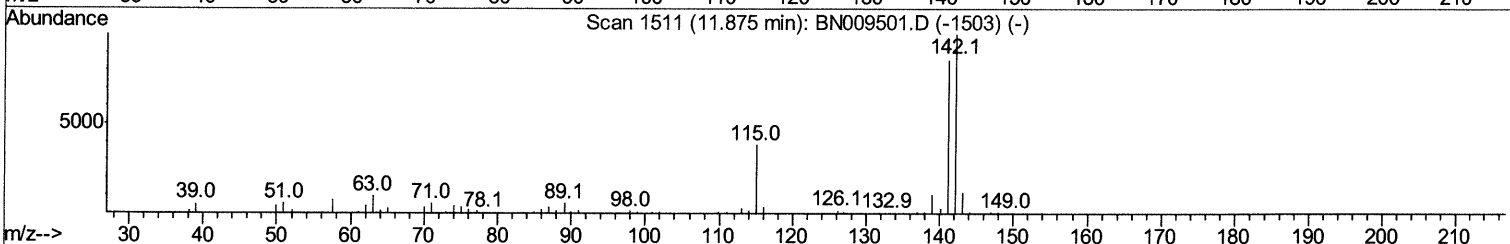
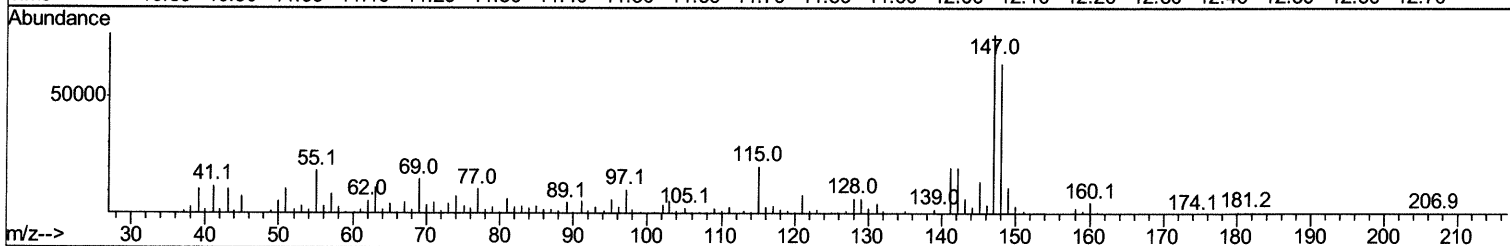
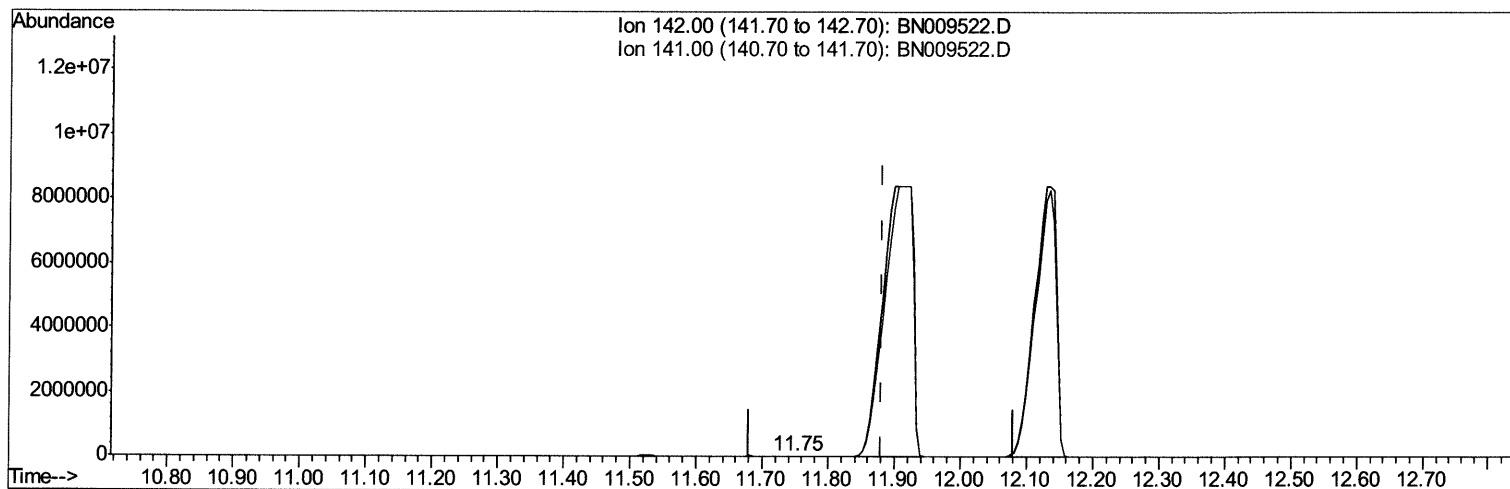
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN013020\
Data File : BN009522.D
Acq On : 31 Jan 2020 21:48
Operator : CG/JU
Sample : L1271-05 10X
Misc :
ALS Vial : 47 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
GASZ6

Manual Integrations
APPROVED

mohammad
2/3/2020 4:08:58 PM

Quant Time: Feb 01 01:49:23 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN012220MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jan 31 22:58:20 2020
Response via : Initial Calibration



TIC: BN009522.D

(34) 2-Methylnaphthalene

11.751min (-0.130) 2.22ng/ul

response 62580

Ion	Exp%	Act%
142.00	100	100
141.00	86.60	100.20
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

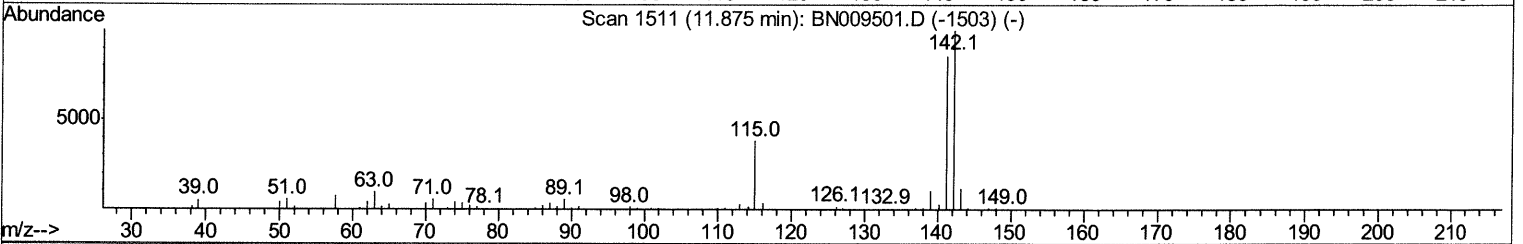
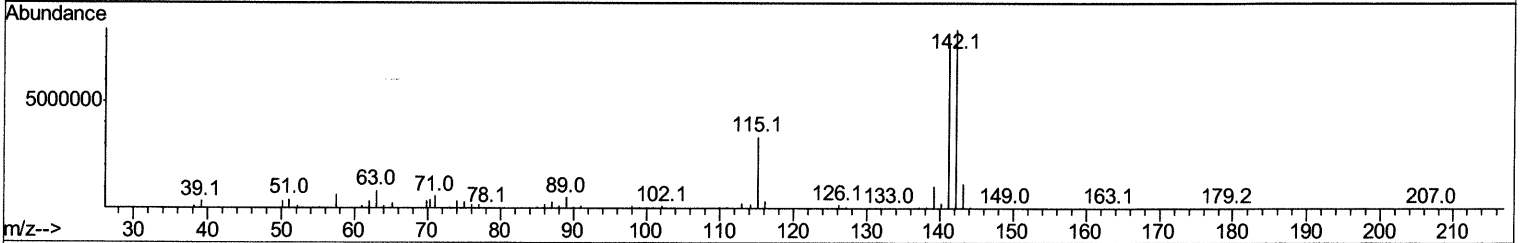
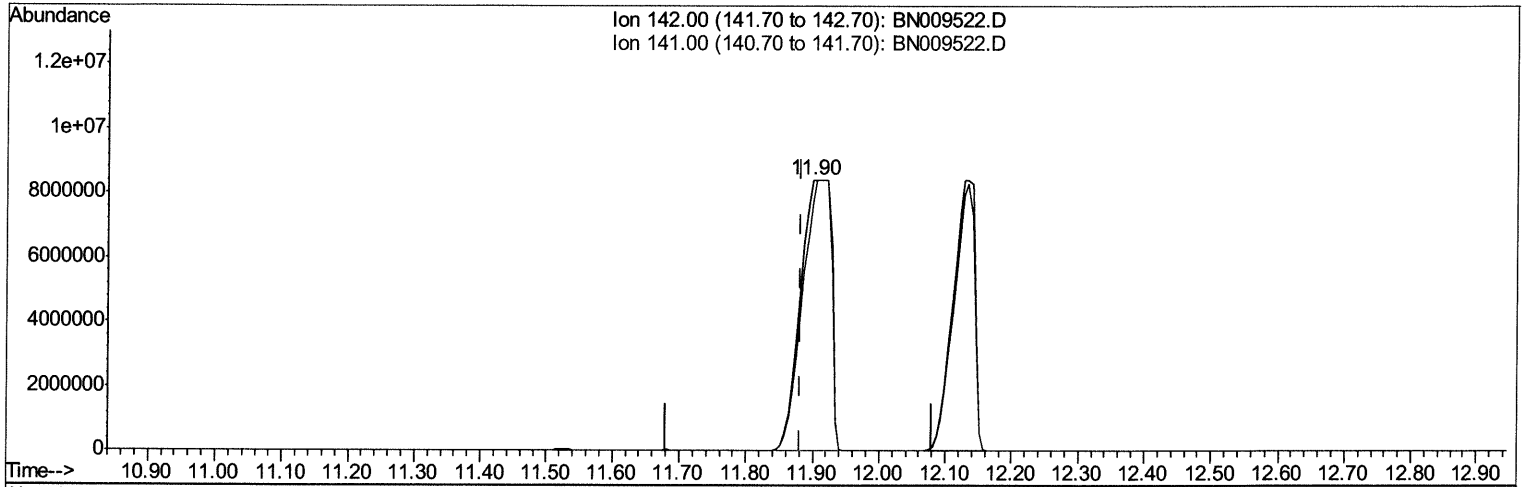
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN013020\
 Data File : BN009522.D
 Acq On : 31 Jan 2020 21:48
 Operator : CG/JU
 Sample : L1271-05 10X
 Misc :
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 BNA_N
ClientSampleId :
 GASZ6

Manual Integrations
APPROVED

mohammad
 2/3/2020 4:08:58 PM

Quant Time: Feb 01 01:49:23 2020
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TIC: BN009522.D

(34) 2-Methylnaphthalene

11.899min (+0.018) 945.78ng/ul m *JU 02/03/20*

response 26681242

Ion	Exp%	Act%
142.00	100	100
141.00	86.60	91.23
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

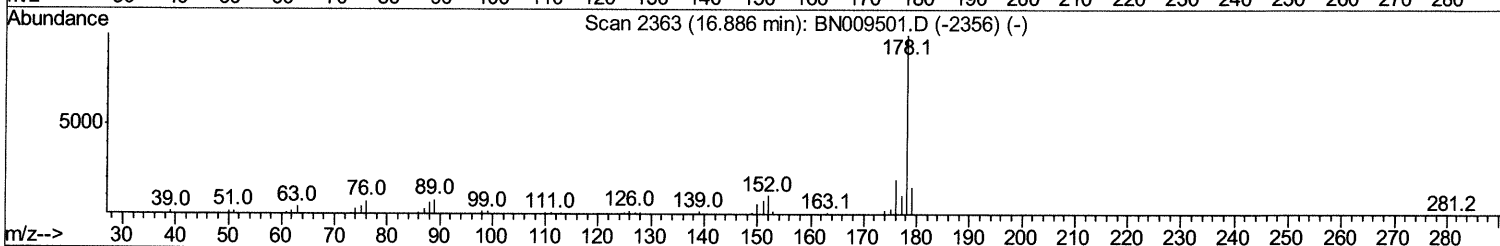
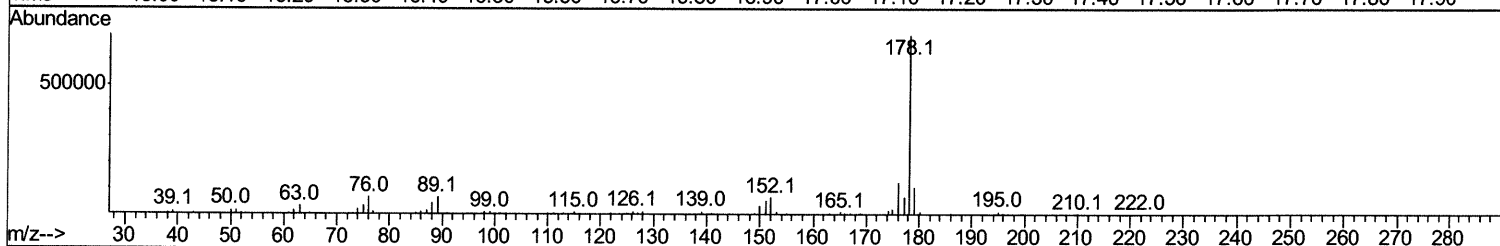
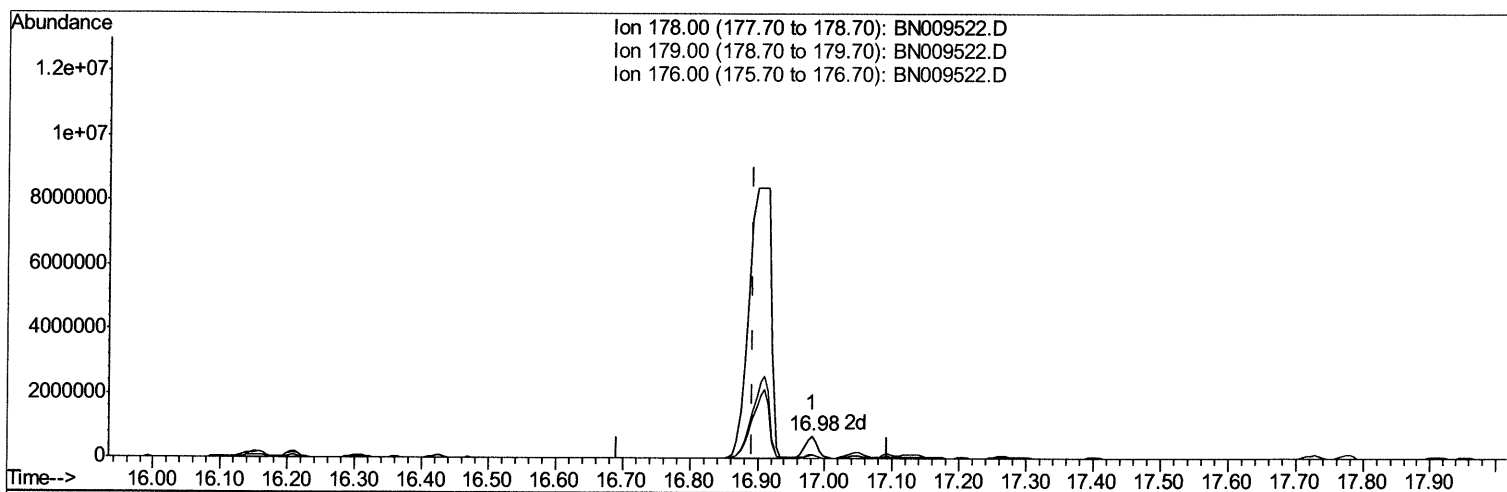
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 Data File : BN009522.D
 Acq On : 31 Jan 2020 21:48
 Operator : CG/JU
 Sample : L1271-05 10X
 Misc :
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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Manual Integrations
APPROVED

mohammad
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TIC: BN009522.D

(69) Phenanthrene

16.981min (+0.088) 16.01ng/ul

response 837449

Ion	Exp%	Act%
178.00	100	100
179.00	16.60	15.37
176.00	19.40	18.20
0.00	0.00	0.00

Quantitation Report (Qedit)

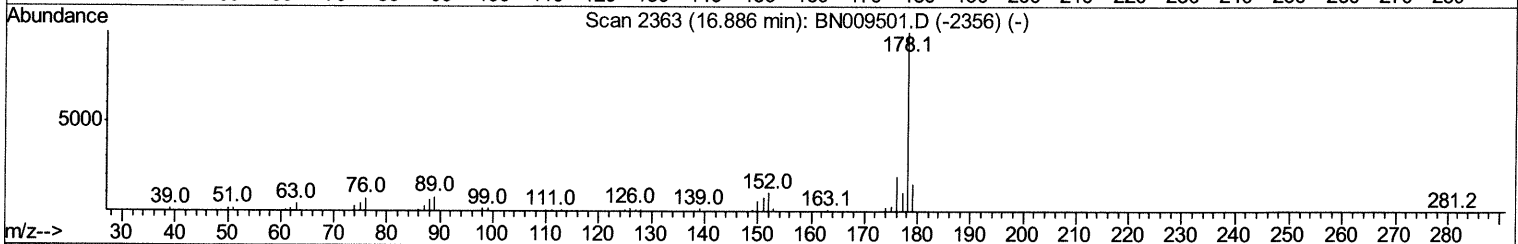
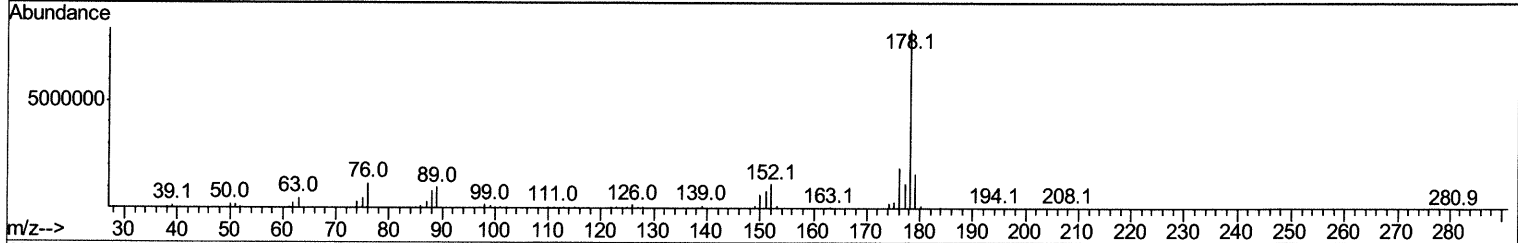
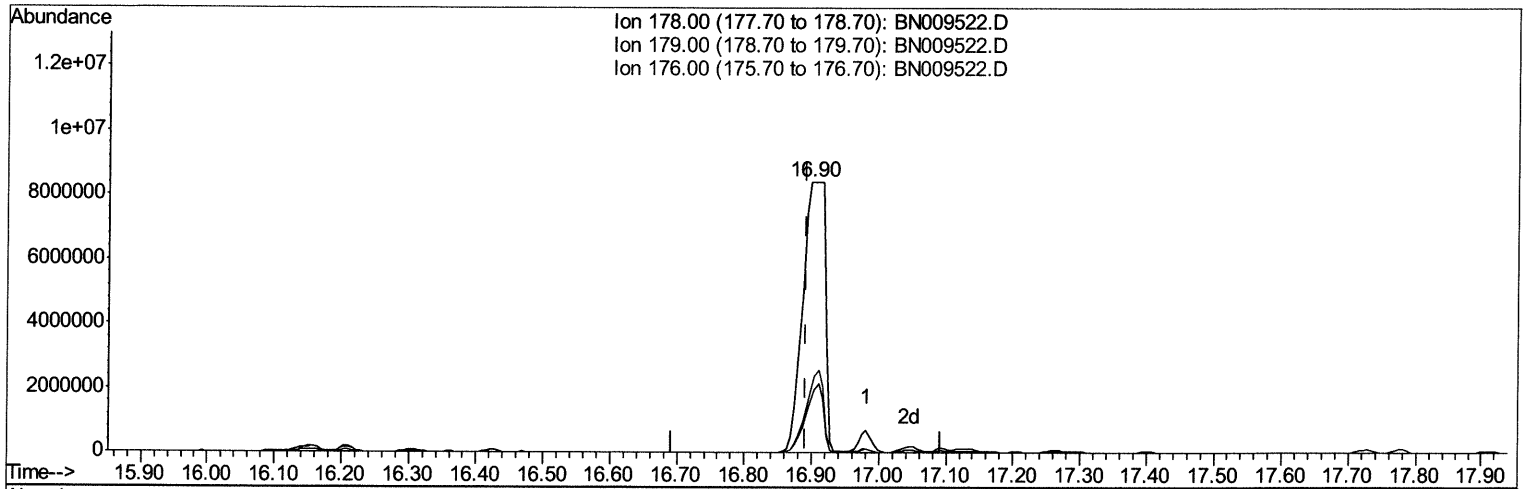
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN013020\
 Data File : BN009522.D
 Acq On : 31 Jan 2020 21:48
 Operator : CG/JU
 Sample : L1271-05 10X
 Misc :
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 BNA_N
ClientSampleId :
 GASZ6

Manual Integrations
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 2/3/2020 4:08:58 PM

Quant Time: Feb 01 01:49:23 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN012220MA.M
 Quant Title : SVOA CALIBRATION
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 Response via : Initial Calibration



TIC: BN009522.D

(69) Phenanthrene

16.898min (+0.006) 369.63ng/ul m JU 02/03/20

response 19339228

Ion	Exp%	Act%
178.00	100	100
179.00	16.60	19.29
176.00	19.40	22.85
0.00	0.00	0.00

Quantitation Report (Qedit)

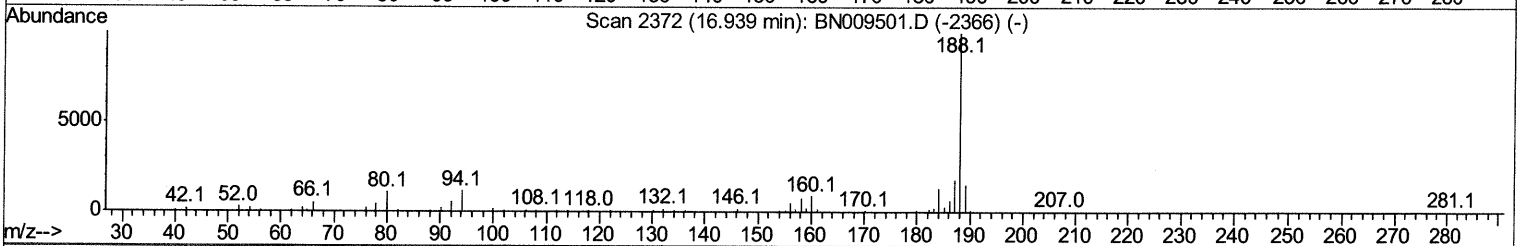
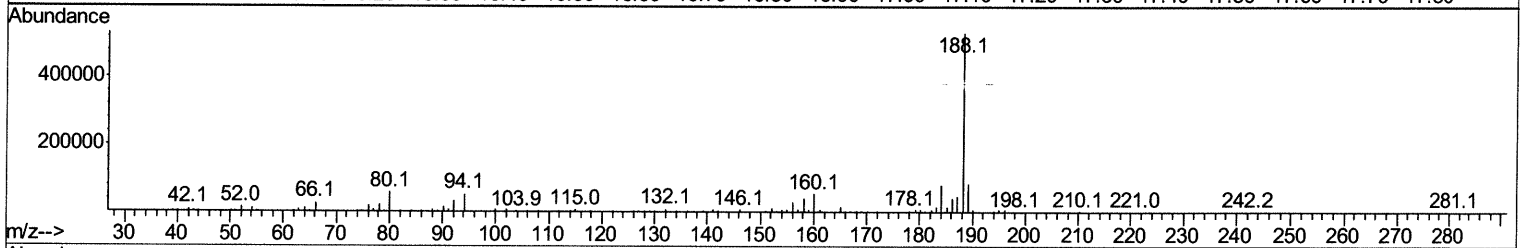
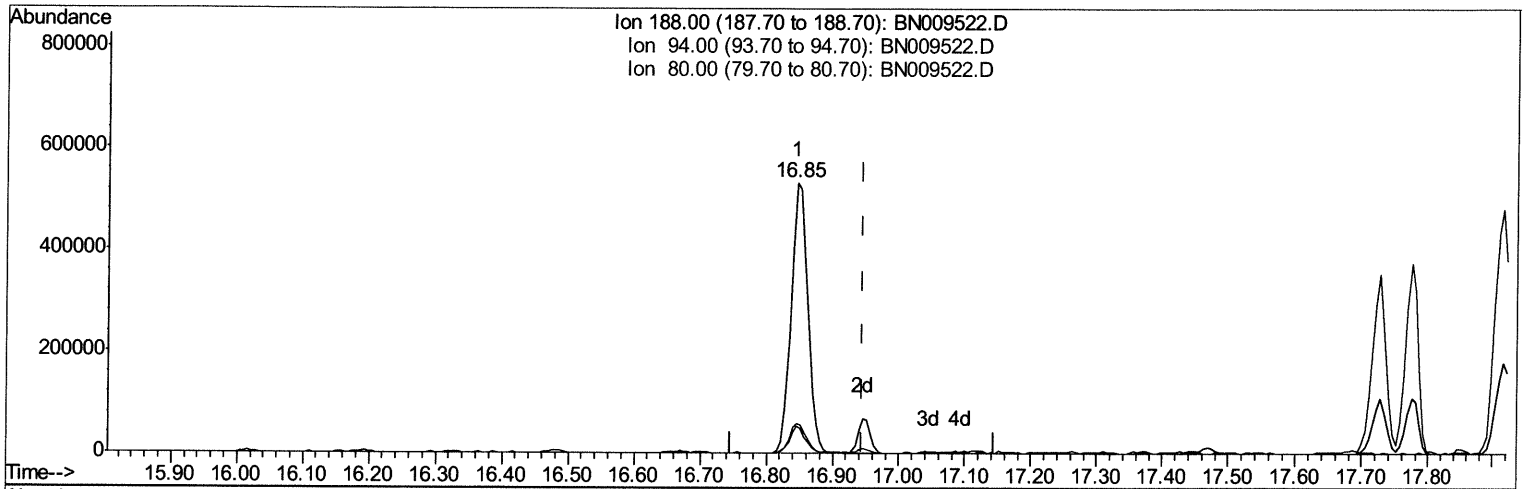
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN013020\
 Data File : BN009522.D
 Acq On : 31 Jan 2020 21:48
 Operator : CG/JU
 Sample : L1271-05 10X
 Misc :
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 BNA_N
ClientSampled :
 GASZ6

Manual Integrations
APPROVED

mohammad
 2/3/2020 4:08:58 PM

Quant Time: Feb 01 01:49:23 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN012220MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Jan 31 22:58:20 2020
 Response via : Initial Calibration



TIC: BN009522.D

(70) Anthracene-d10 (S)
 16.845min (-0.100) 21.62ng/ul
 response 927264

Ion	Exp%	Act%
188.00	100	100
94.00	11.80	9.94
80.00	11.30	10.89
0.00	0.00	0.00

Quantitation Report (Qedit)

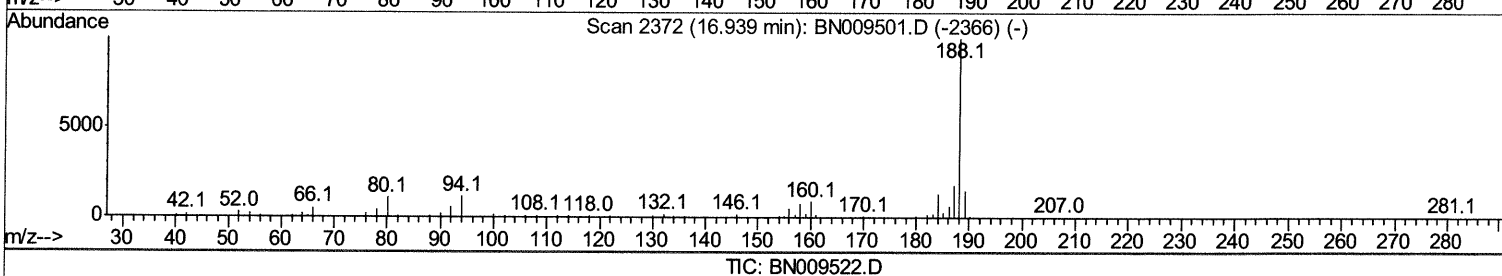
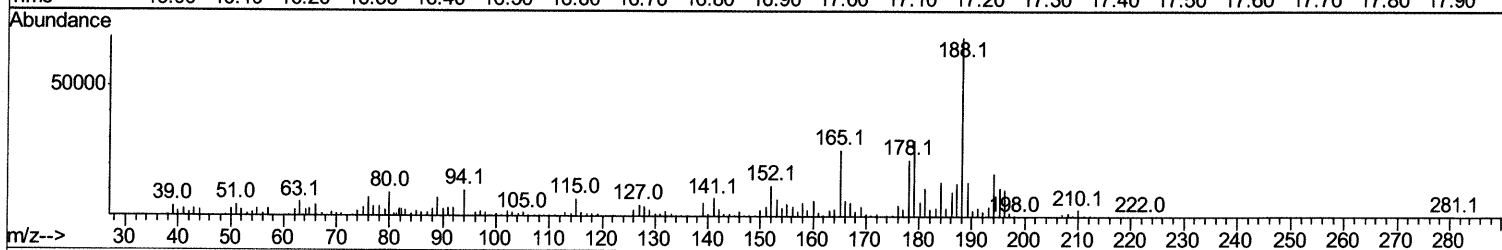
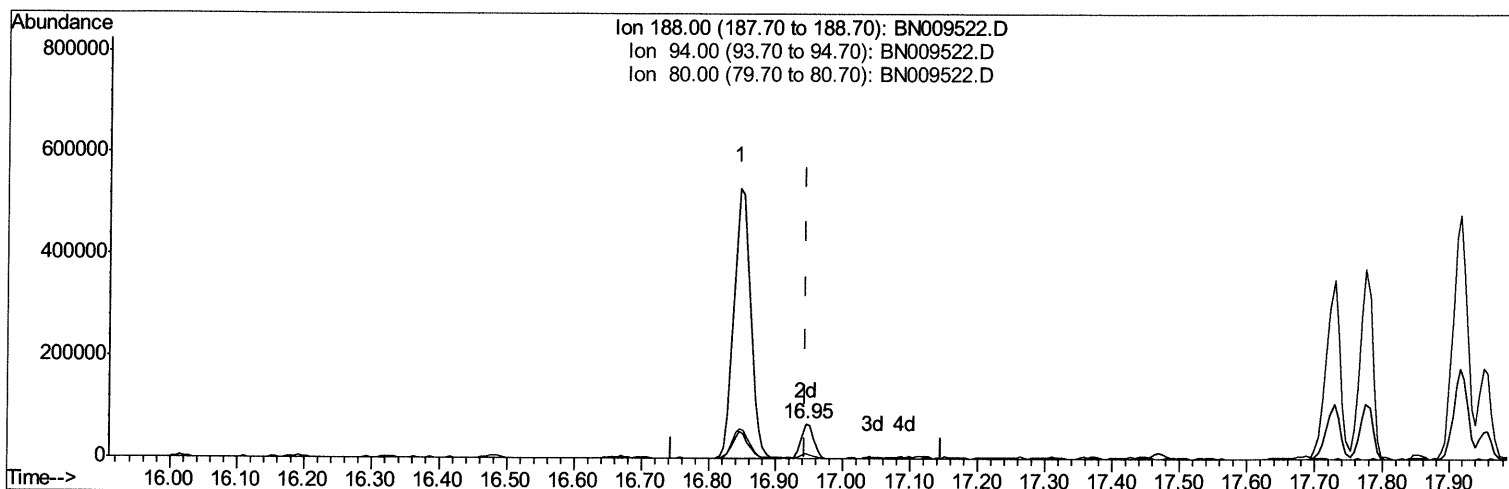
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 Data File : BN009522.D
 Acq On : 31 Jan 2020 21:48
 Operator : CG/JU
 Sample : L1271-05 10X
 Misc :
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 GASZ6

Manual Integrations
 APPROVED

mohammad
 2/3/2020 4:08:58 PM

Quant Time: Feb 01 01:49:23 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN012220MA.M
 Quant Title : SVOA CALIBRATION
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TIC: BN009522.D

(70) Anthracene-d10 (S)

16.945min (-0.000) 2.12ng/ul m *JU 02/03/20*

response 90828

Ion	Exp%	Act%
188.00	100	100
94.00	11.80	14.80#
80.00	11.30	13.67#
0.00	0.00	0.00

Quantitation Report (Qedit)

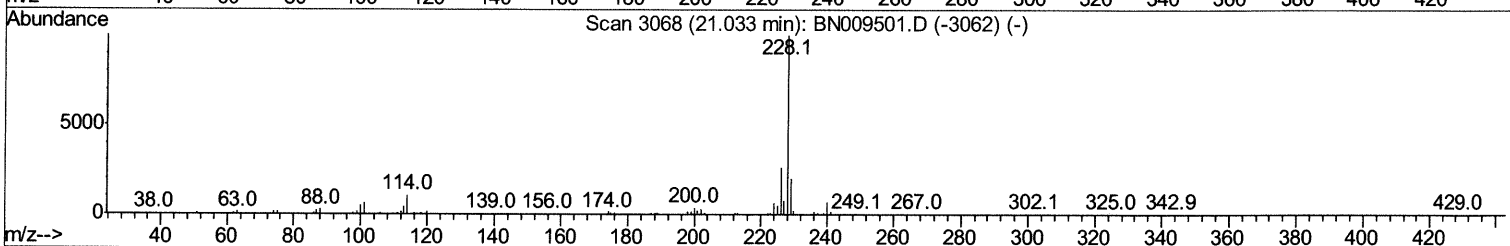
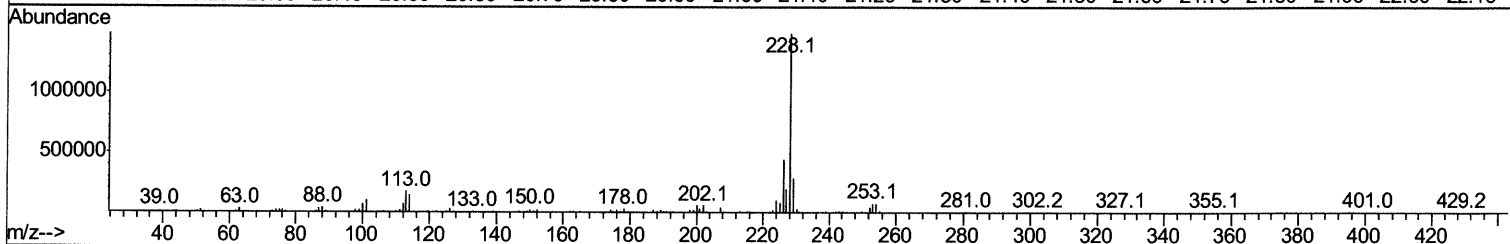
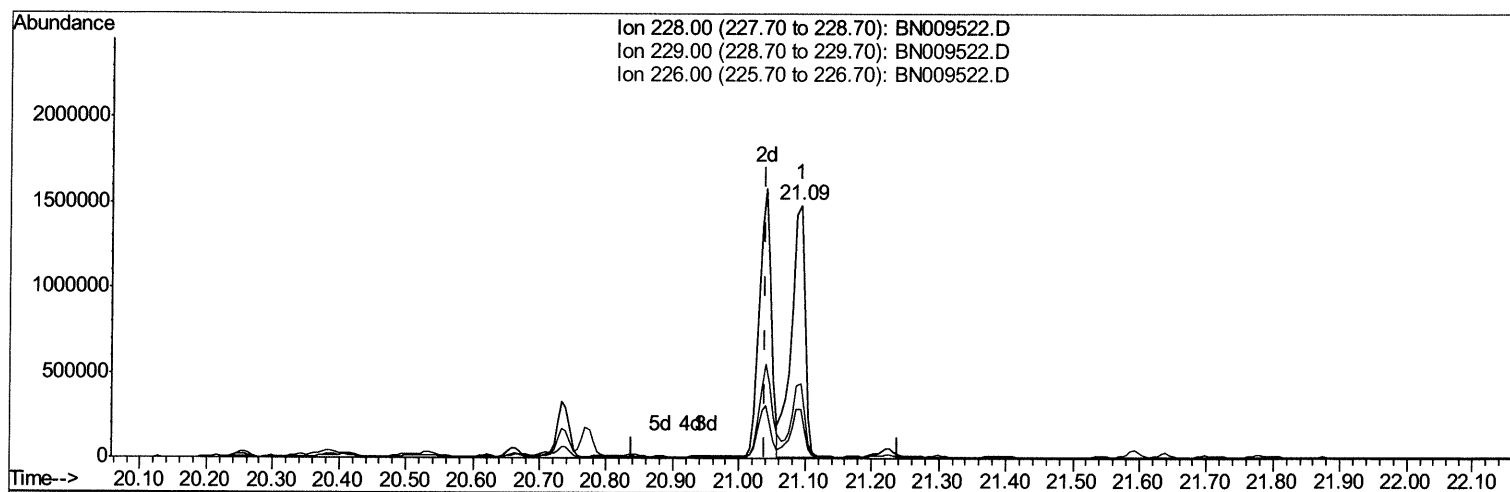
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN013020\
Data File : BN009522.D
Acq On : 31 Jan 2020 21:48
Operator : CG/JU
Sample : L1271-05 10X
Misc :
ALS Vial : 47 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
GASZ6

Manual Integrations
APPROVED

mohammad
2/3/2020 4:08:58 PM

Quant Time: Feb 01 01:49:23 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN012220MA.M
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Response via : Initial Calibration



TIC: BN009522.D

(82) Benzo(a)anthracene

21.092min (+0.053) 38.90ng/ul

response 2118849

Ion	Exp%	Act%
228.00	100	100
229.00	19.90	19.23
226.00	26.10	29.69
0.00	0.00	0.00

Quantitation Report (Qedit)

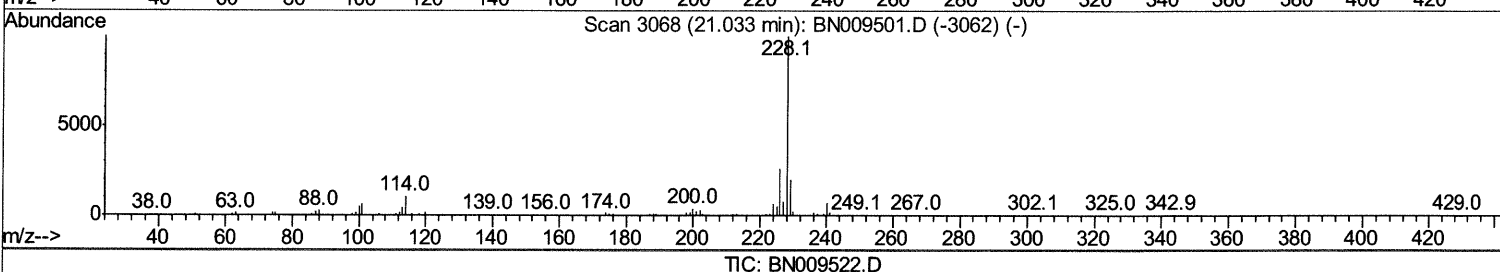
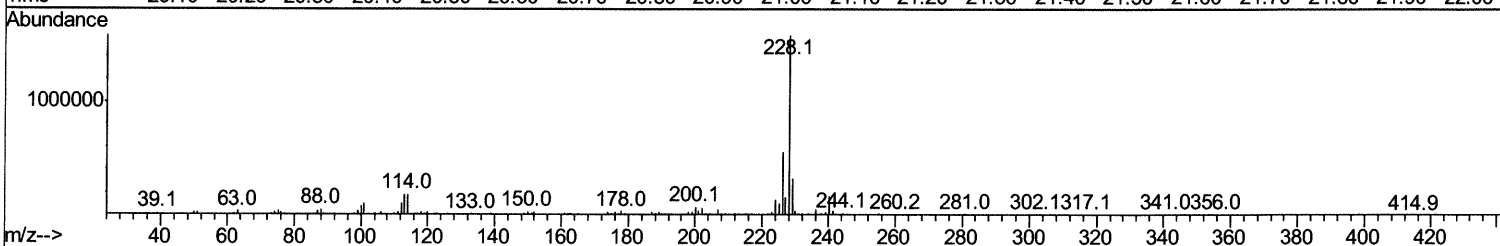
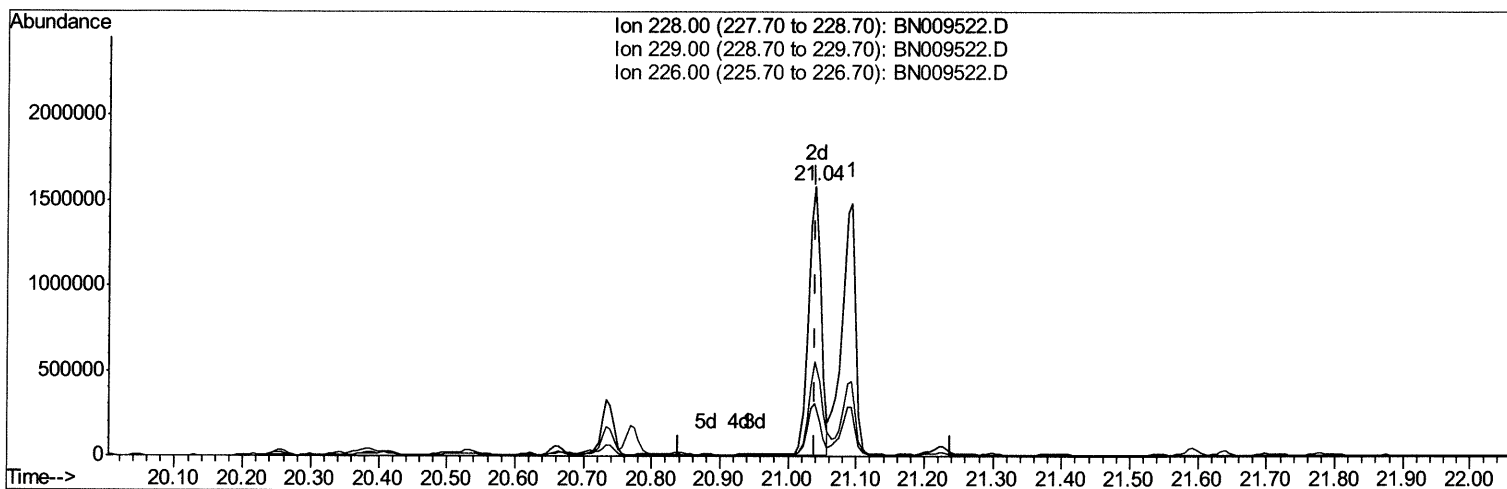
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Data File : BN009522.D
Acq On : 31 Jan 2020 21:48
Operator : CG/JU
Sample : L1271-05 10X
Misc :
ALS Vial : 47 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampled :
GASZ6

Manual Integrations
APPROVED

mohammad
2/3/2020 4:08:58 PM

Quant Time: Feb 01 01:49:23 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN012220MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jan 31 22:58:20 2020
Response via : Initial Calibration



(82) Benzo(a)anthracene

21.039min (-0.000) 36.77ng/ul m **JU 02/03/20**

response 2002610

Ion	Exp%	Act%
228.00	100	100
229.00	19.90	19.76
226.00	26.10	35.09#
0.00	0.00	0.00

Quantitation Report (Qedit)

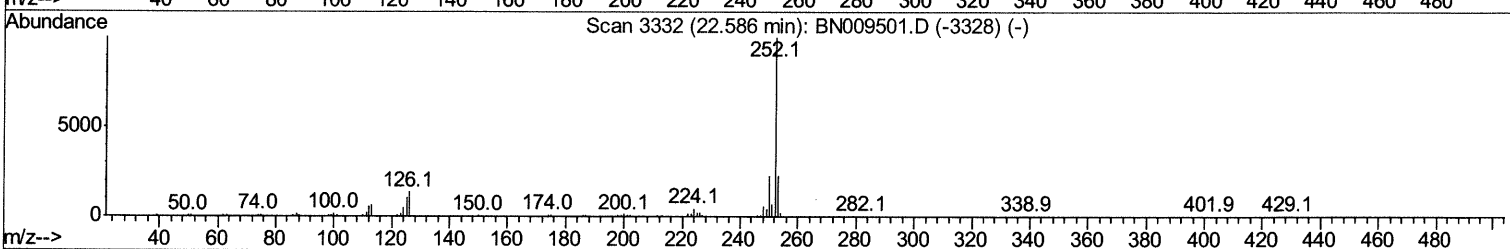
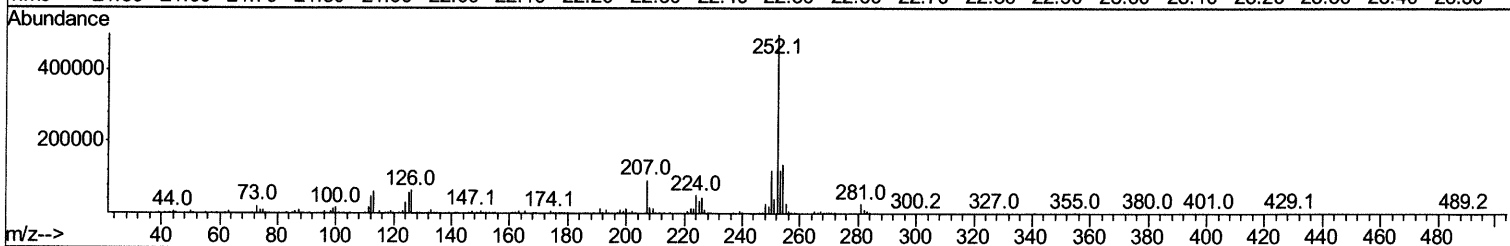
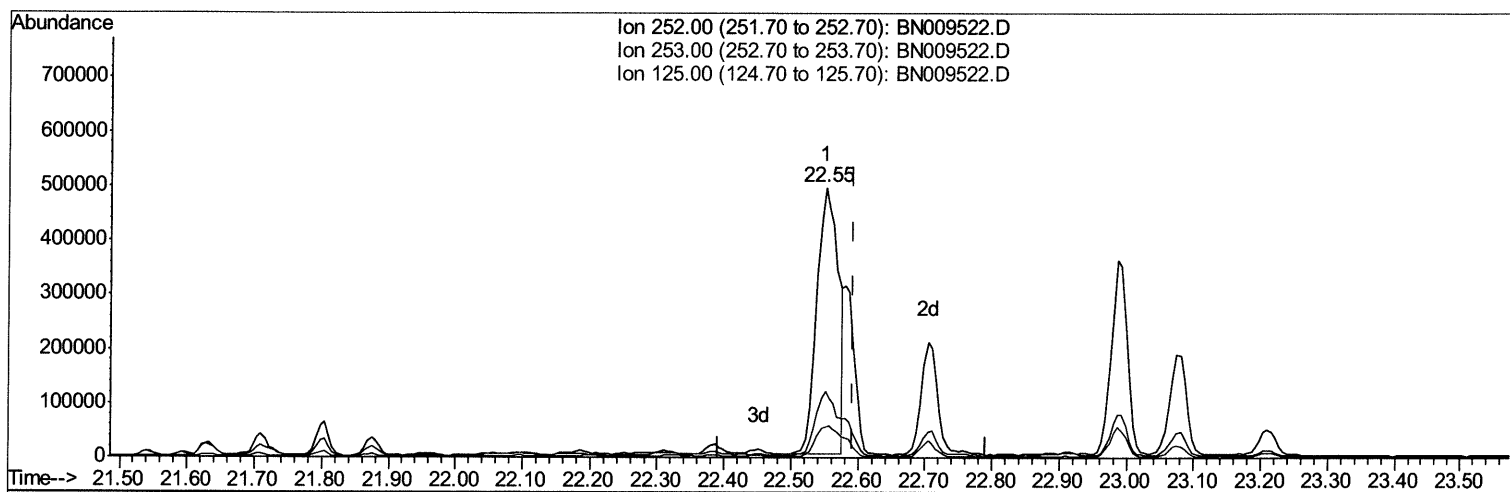
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN013020\
Data File : BN009522.D
Acq On : 31 Jan 2020 21:48
Operator : CG/JU
Sample : L1271-05 10X
Misc :
ALS Vial : 47 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
GASZ6

Manual Integrations
APPROVED

mohammad
2/3/2020 4:08:58 PM

Quant Time: Feb 01 01:49:23 2020
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TIC: BN009522.D

(88) Benzo(k)fluoranthene

22.551min (-0.041) 19.92ng/ul

response 1091412

Ion	Exp%	Act%
252.00	100	100
253.00	21.20	24.34
125.00	9.80	11.48
0.00	0.00	0.00

Quantitation Report (Qedit)

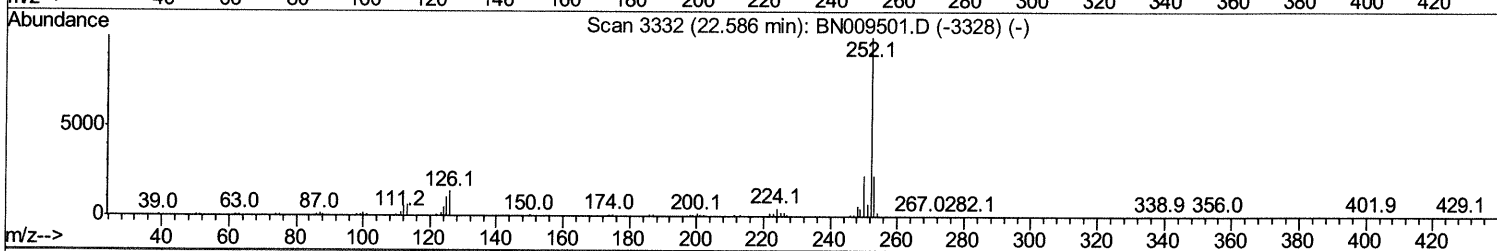
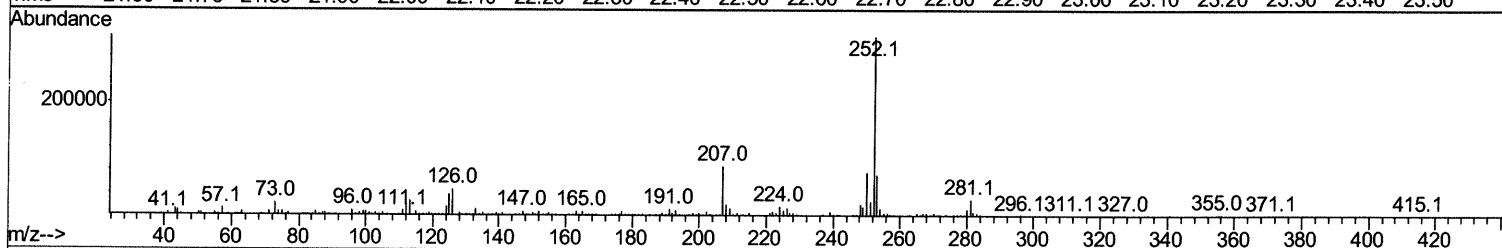
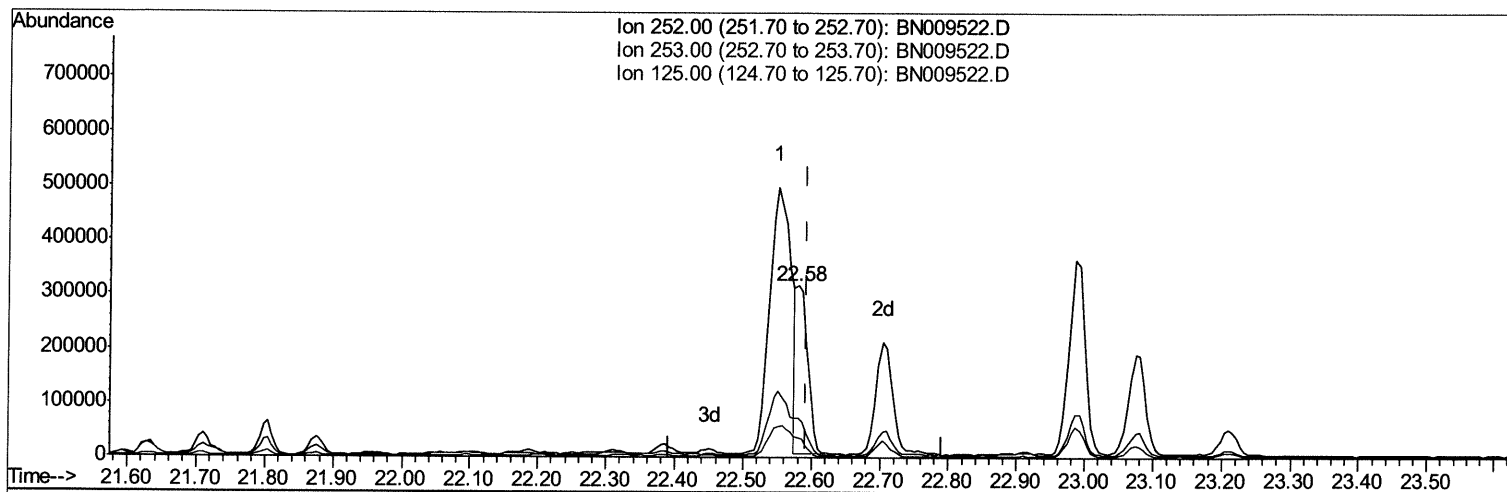
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN013020\
 Data File : BN009522.D
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 Operator : CG/JU
 Sample : L1271-05 10X
 Misc :
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
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Manual Integrations
 APPROVED

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 Response via : Initial Calibration



TIC: BN009522.D

(88) Benzo(k)fluoranthene

22.580min (-0.012) 6.25ng/ul m *JU 02/03/20*

response 342694

Ion	Exp%	Act%
252.00	100	100
253.00	21.20	22.90
125.00	9.80	11.64
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN013020\
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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	191515	20.00	ng/ul	-0.01
18) Naphthalene-d8	10.20	136	761485	20.00	ng/ul	-0.01
35) Acenaphthene-d10	14.09	164	517438	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.85	188	927264	20.00	ng/ul	0.00
77) Chrysene-d12	21.05	240	799836	20.00	ng/ul	0.00
85) Perylene-d12	23.17	264	881470	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.11	96	622	0.13	ng/uL	0.02
5) Phenol-d5	6.66	99	25866	1.52	ng/ul	0.00
7) Bis-(2-Chloroethyl) ether-d	6.81	67	19617	1.63	ng/ul	0.00
9) 2-Chlorophenol-d4	7.00	132	20192	1.63	ng/ul	0.00
13) 4-Methylphenol-d8	8.16	113	22182	1.64	ng/ul	0.00
19) Nitrobenzene-d5	8.60	128	16330	2.95	ng/ul	0.00
22) 2-Nitrophenol-d4	9.31	143	10780	1.86	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.84	165	21591	1.88	ng/ul	0.00
29) 4-Chloroaniline-d4	0.00	131	0d	0.00	ng/ul	
43) Dimethylphthalate-d6	13.52	166	83365	2.18	ng/ul	0.00
46) Acenaphthylene-d8	13.79	160	83656	1.84	ng/ul	0.00
51) 4-Nitrophenol-d4	14.33	143	20794	2.92	ng/ul	0.01
57) Fluorene-d10	15.09	176	63232	1.88	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.25	200	7777	1.38	ng/ul	0.02
70) Anthracene-d10	16.95	188	90828m >	2.12	ng/ul >	0.00 Ju 02/03/20
78) Pyrene-d10	19.25	212	96456	2.24	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.03	264	94469	2.12	ng/ul	0.00

Target Compounds

					Ovalue	
14) Acetophenone	8.27	105	153991	7.051	ng/ul	97
24) 2,4-Dimethylphenol	9.42	107	16715	1.139	ng/ul#	58
28) Naphthalene	10.26	128	1662169	40.562	ng/ul	97
34) 2-Methylnaphthalene	11.90	142	26681242m >	945.776	ng/ul >	Ju 02/03/20
40) 1,1'-Biphenyl	12.92	154	3278350	83.672	ng/ul	99
47) Acenaphthylene	13.82	152	7236162	147.516	ng/ul	97
49) Acenaphthene	14.16	153	849311	25.379	ng/ul	99
53) Dibenzofuran	14.50	168	1243349	26.741	ng/ul	98
58) Fluorene	15.16	166	4683099	120.202	ng/ul	94
64) N-Nitrosodiphenylamine	15.37	169	89500	3.260	ng/ul	98
69) Phenanthrene	16.90	178	19339228m >	369.629	ng/ul >	Ju 02/03/20
71) Anthracene	16.98	178	837449	15.721	ng/ul	99
76) Fluoranthene	18.92	202	4306688	71.805	ng/ul	99
79) Pyrene	19.28	202	6619618	114.302	ng/ul	96
82) Benzo(a)anthracene	21.04	228	2002610m >	36.767	ng/ul >	Ju 02/03/20
84) Chrysene	21.09	228	2115666	39.874	ng/ul	99
87) Benzo(b)fluoranthene	22.55	252	1091412	19.582	ng/ul	93
88) Benzo(k)fluoranthene	22.58	252	342694m >	6.253	ng/ul >	Ju 02/03/20
90) Benzo(a)pyrene	23.07	252	323129	6.459	ng/ul	98
91) Indeno(1,2,3-cd)pyrene	25.23	276	396798	6.545	ng/ul	94
92) Dibenzo(a,h)anthracene	25.24	278	159879	3.126	ng/ul	94
93) Benzo(a,h,i)perylene	25.86	276	309560	6.138	ng/ul	98

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN013020\
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Sample : L1271-05 10X
Misc :
ALS Vial : 47 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
GASZ6

Manual Integrations
APPROVED

mohammad
2/3/2020 4:08:58 PM

Quant Time: Feb 01 02:11:12 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN012220MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jan 31 22:58:20 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed