

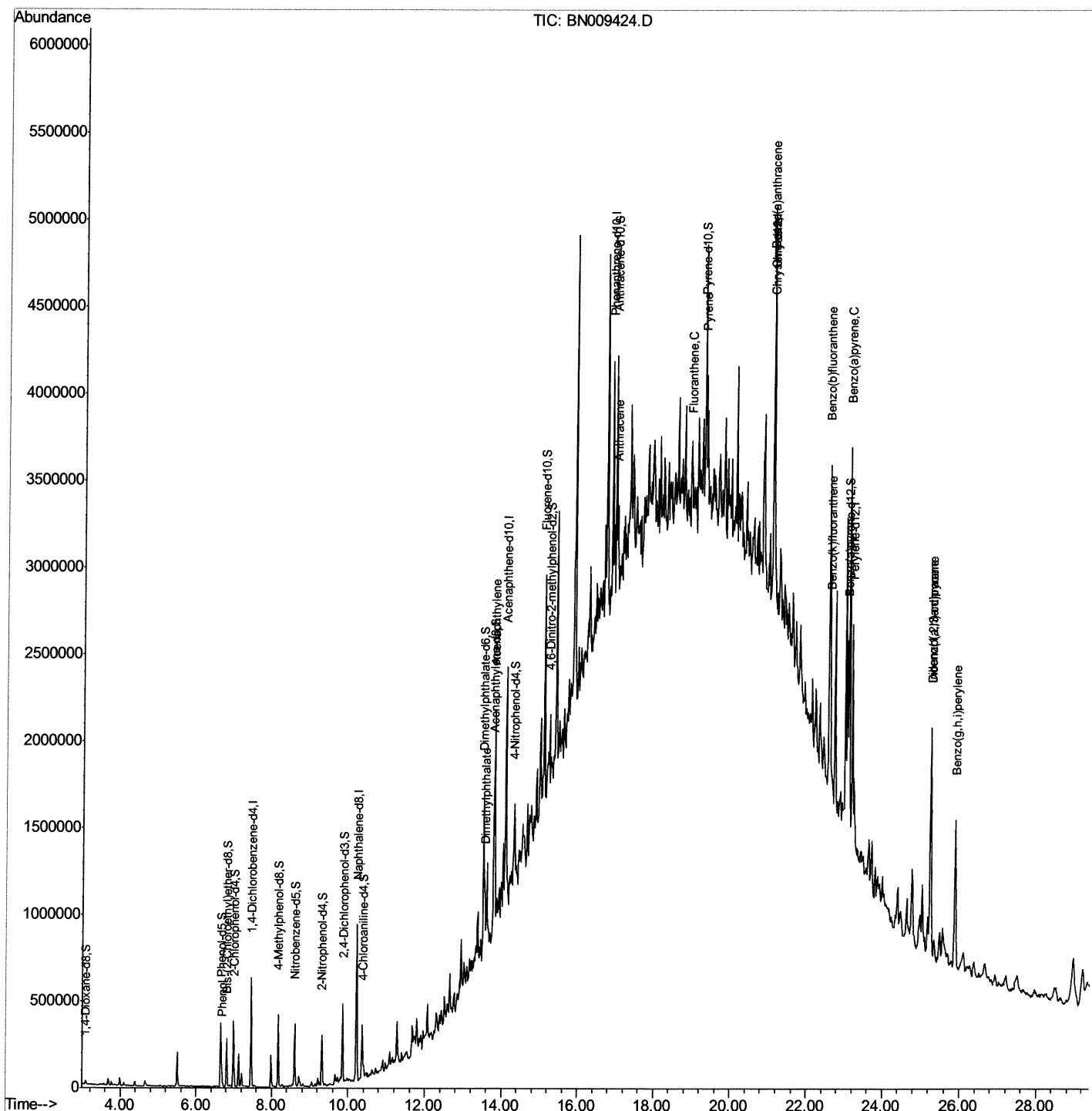
Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN012320\
Data File : BN009424.D
Acq On : 23 Jan 2020 14:12
Operator : CG/JU
Sample : L1118-10
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
GASK1

Manual Integrations
APPROVED

mohammad
1/24/2020 1:54:17 PM

Quant Time: Jan 23 14:50:27 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN012220MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jan 22 15:13:20 2020
Response via : Initial Calibration



Quantitation Report (Qedit)

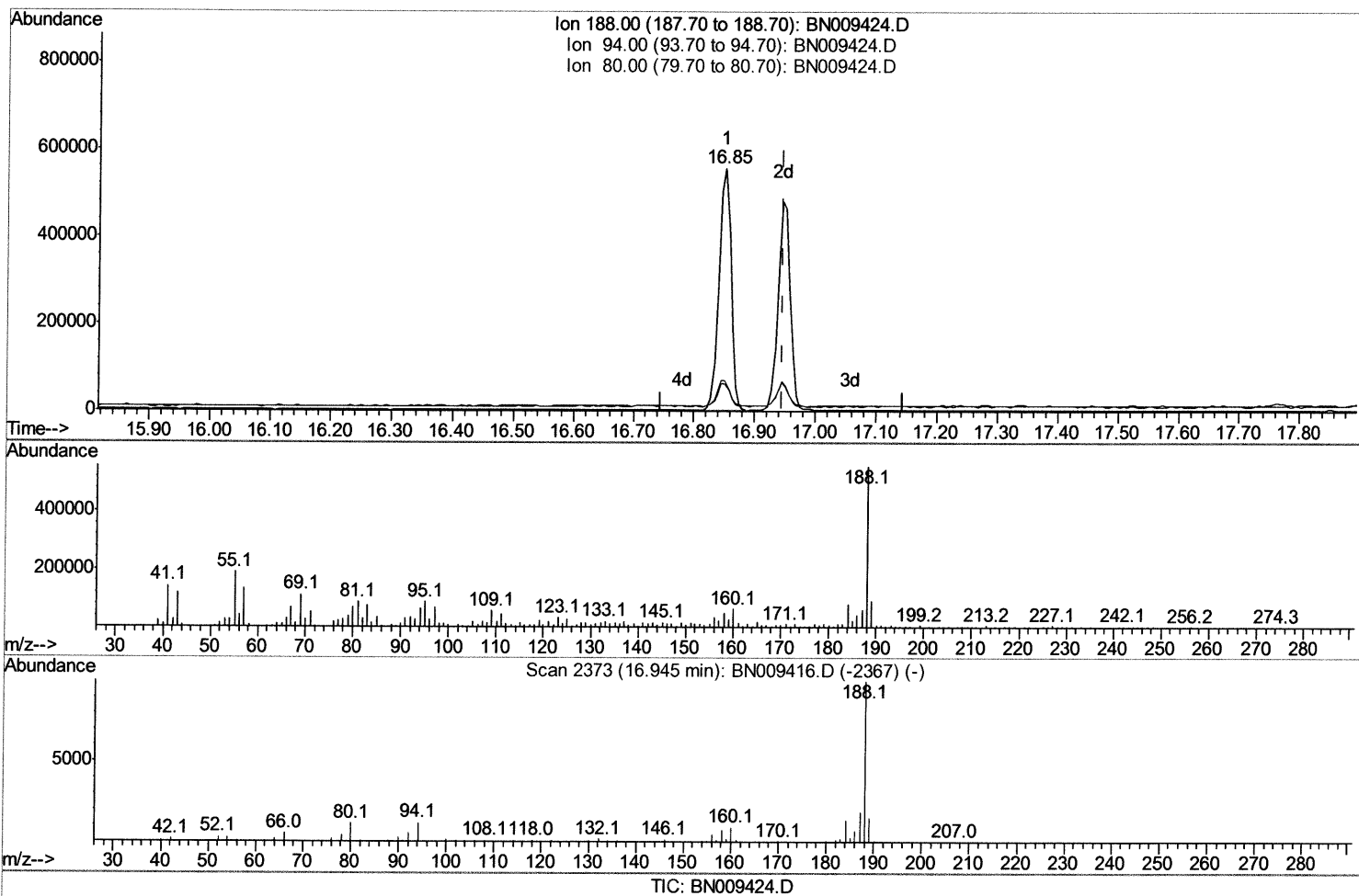
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Quant Time: Jan 23 14:46:34 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN012220MA.M
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(70) Anthracene-d10 (S)

16.851min (-0.095) 21.62ng/ul

response 756281

Ion	Exp%	Act%
188.00	100	100
94.00	11.80	11.47
80.00	11.30	12.63
0.00	0.00	0.00

Quantitation Report (Qedit)

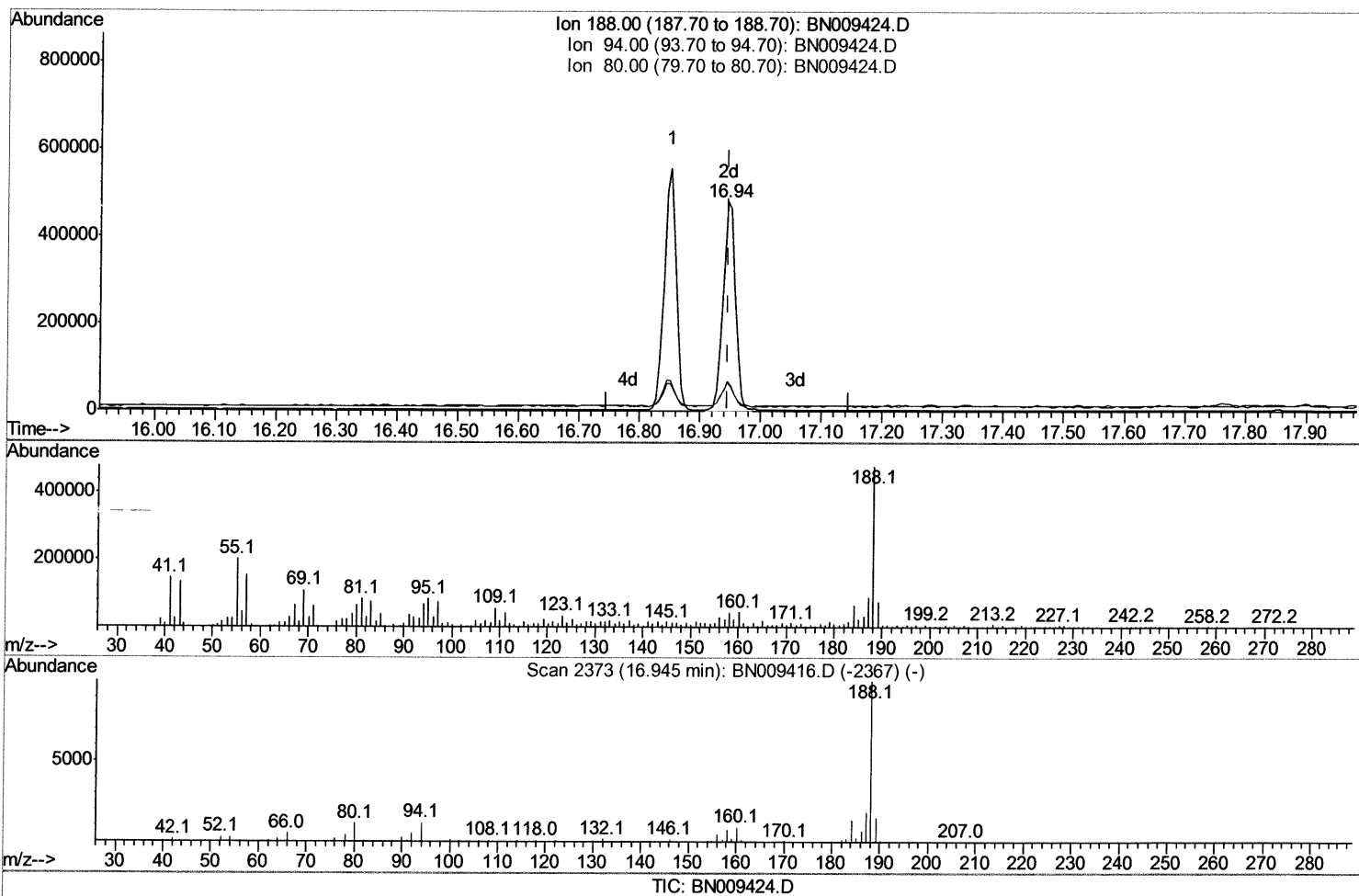
Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN012320\
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(70) Anthracene-d10 (S)

16.945min (-0.000) 19.62ng/ul m> 51 1/24/20

response 686359

Ion	Exp%	Act%
188.00	100	100
94.00	11.80	14.21#
80.00	11.30	13.94#
0.00	0.00	0.00

Quantitation Report (Qedit)

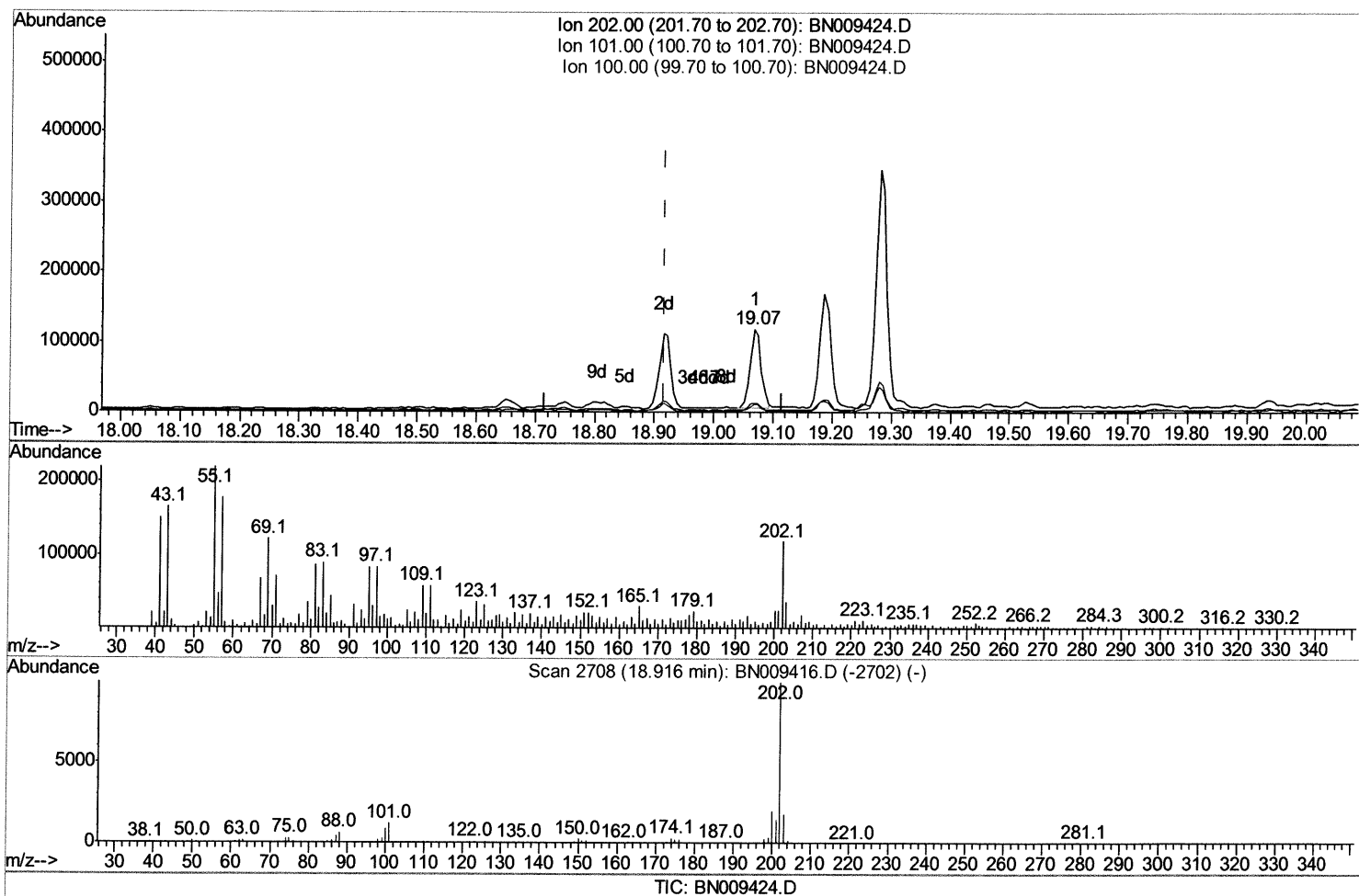
Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN012320\
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(76) Fluoranthene (C)

19.068min (+0.152) 2.95ng/ul

response 144358

Ion	Exp%	Act%
202.00	100	100
101.00	12.10	11.29
100.00	8.90	9.88
0.00	0.00	0.00

Quantitation Report (Qedit)

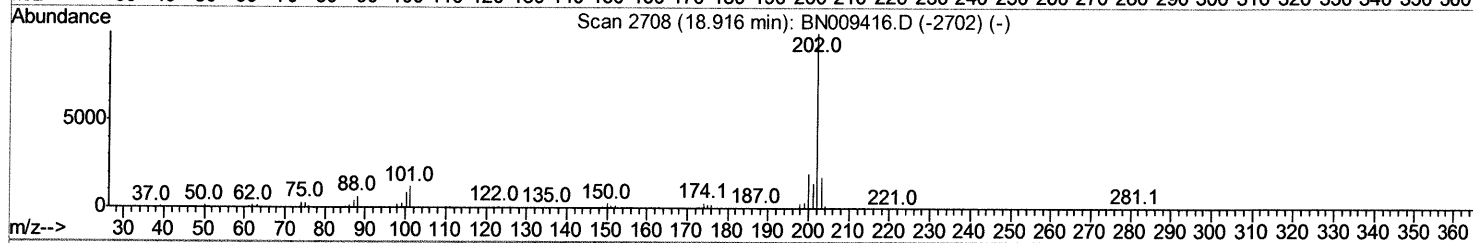
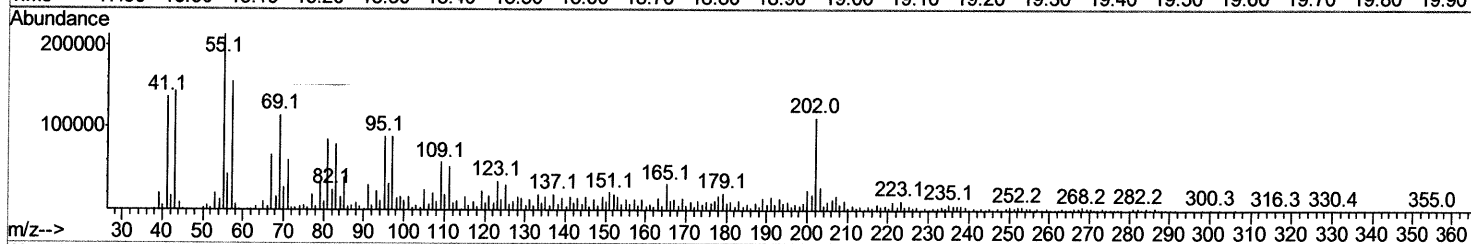
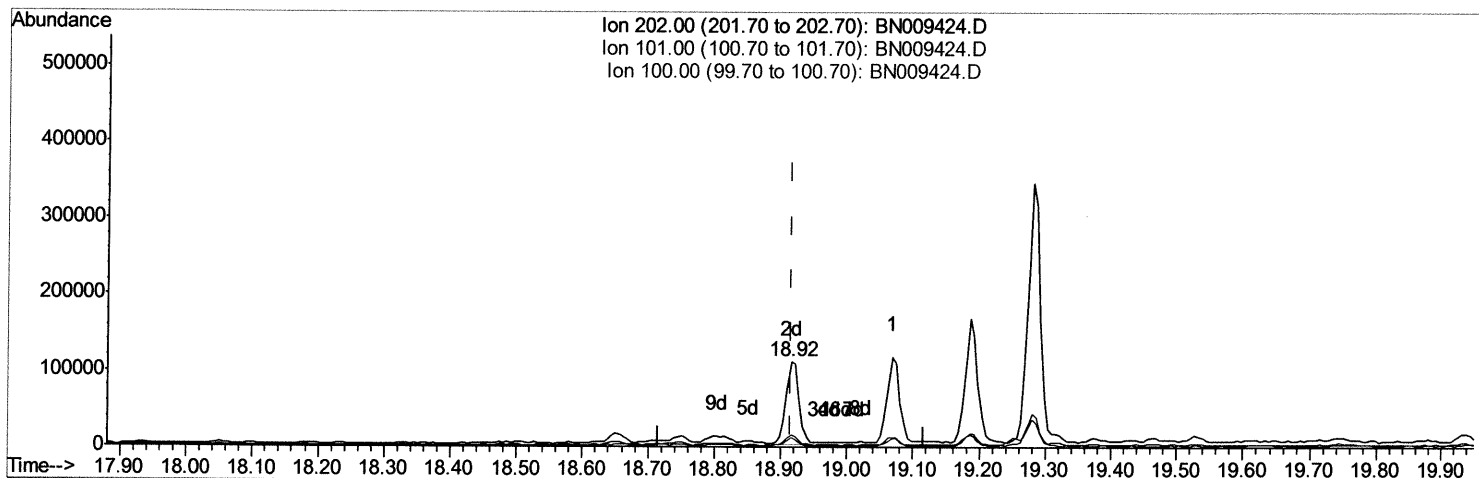
Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN012320\
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TIC: BN009424.D

(76) Fluoranthene (C)

18.915min (-0.000) 3.05ng/ul m> 53 1/24/20

response 149080

Ion	Exp%	Act%
202.00	100	100
101.00	12.10	14.11
100.00	8.90	11.07#
0.00	0.00	0.00

Quantitation Report (Qedit)

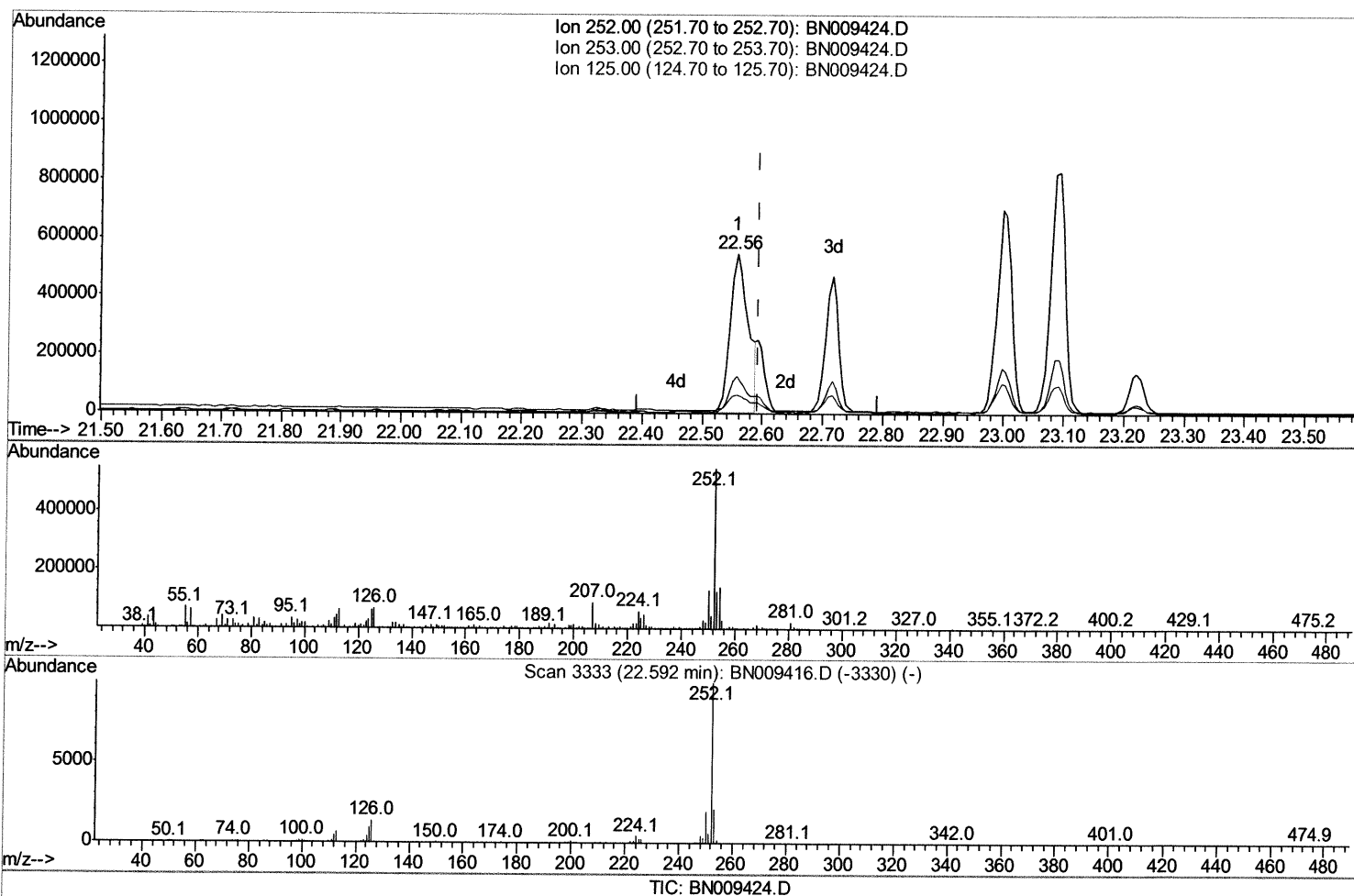
Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN012320\
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(88) Benzo(k)fluoranthene

22.556min (-0.036) 22.92ng/ul

response 1129226

Ion	Exp%	Act%
252.00	100	100
253.00	21.20	23.33
125.00	9.80	12.03#
0.00	0.00	0.00

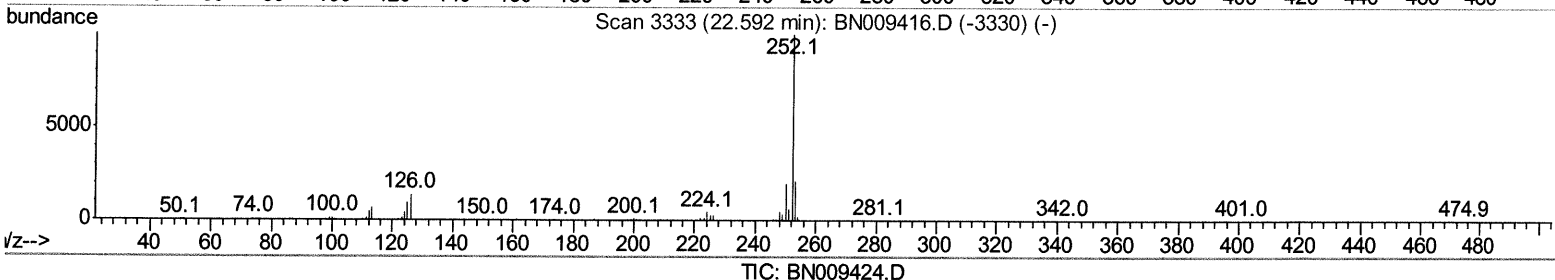
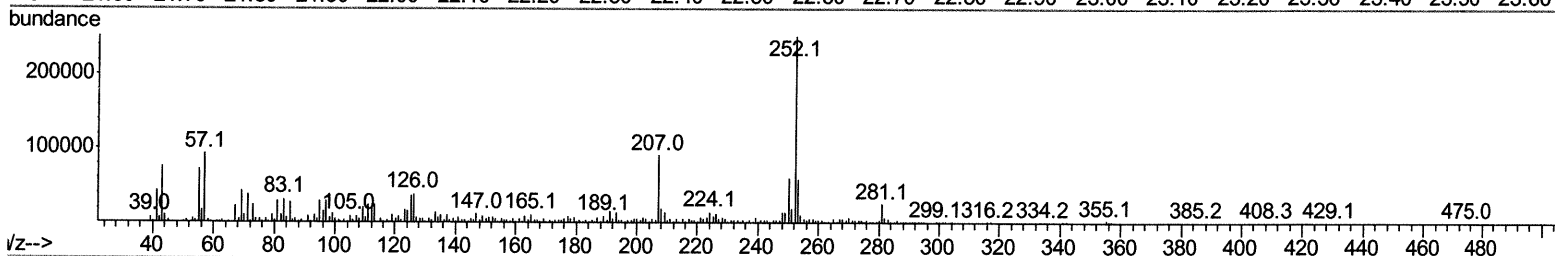
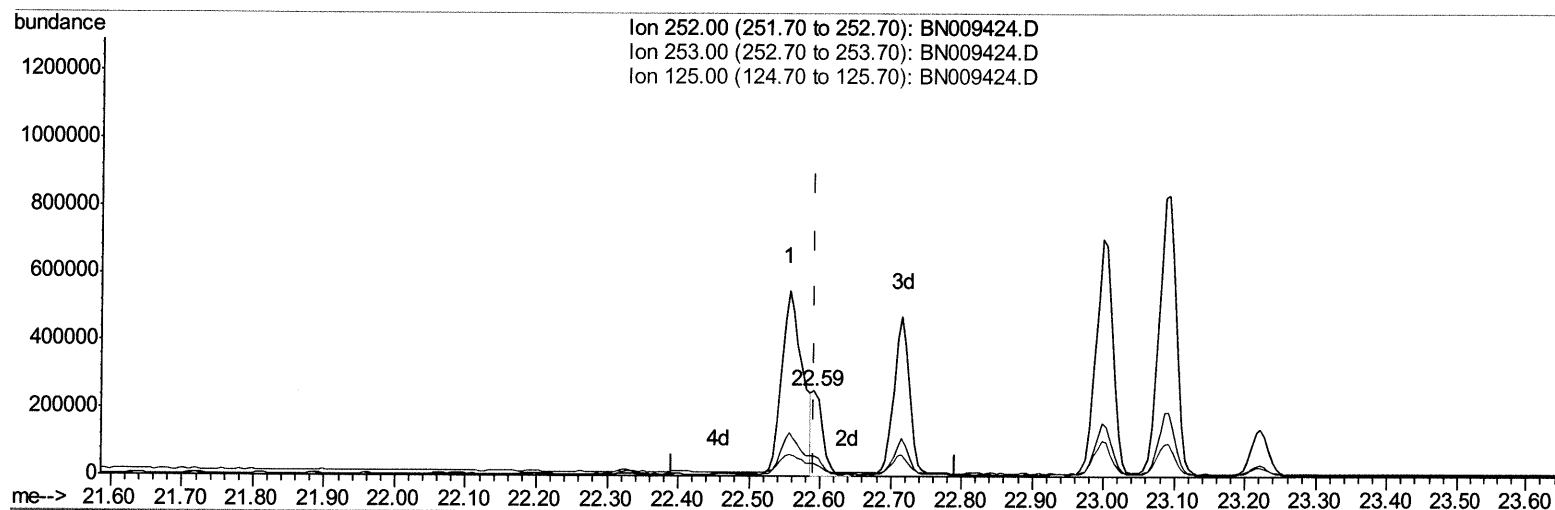
Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN012320\
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 Acq On : 23 Jan 2020 14:12
 Operator : CG/JU
 Sample : L1118-10
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
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 ClientSampleId :
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Manual Integrations
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 Response via : Initial Calibration



(88) Benzo(k)fluoranthene

22.592min (-0.000) 5.31ng/ul m > SD 1/24/20

response 261414

Ion	Exp%	Act%
252.00	100	100
253.00	21.20	23.71
125.00	9.80	14.83#
0.00	0.00	0.00

Quantitation Report (Qedit)

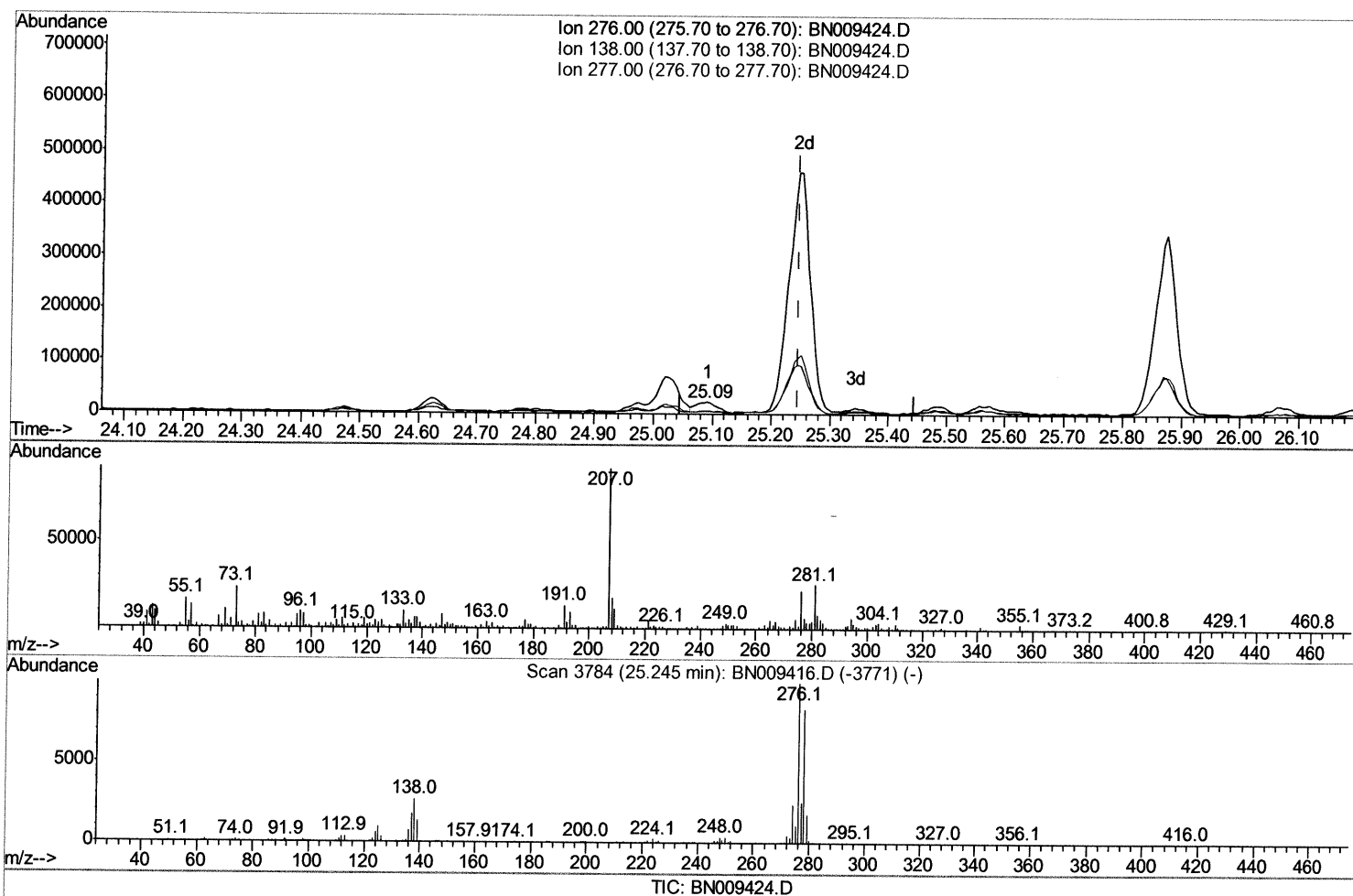
Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN012320\
Data File : BN009424.D
Acq On : 23 Jan 2020 14:12
Operator : CG/JU
Sample : L1118-10
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
GASK1

Manual Integrations
APPROVED

mohammad
1/24/2020 1:54:17 PM

Quant Time: Jan 23 14:46:34 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN012220MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jan 22 15:13:20 2020
Response via : Initial Calibration



(91) Indeno(1,2,3-cd)pyrene

25.092min (-0.153) 0.87ng/ul

response 47281

Ion	Exp%	Act%
276.00	100	100
138.00	26.70	29.09
277.00	25.50	29.03
0.00	0.00	0.00

Quantitation Report (Qedit)

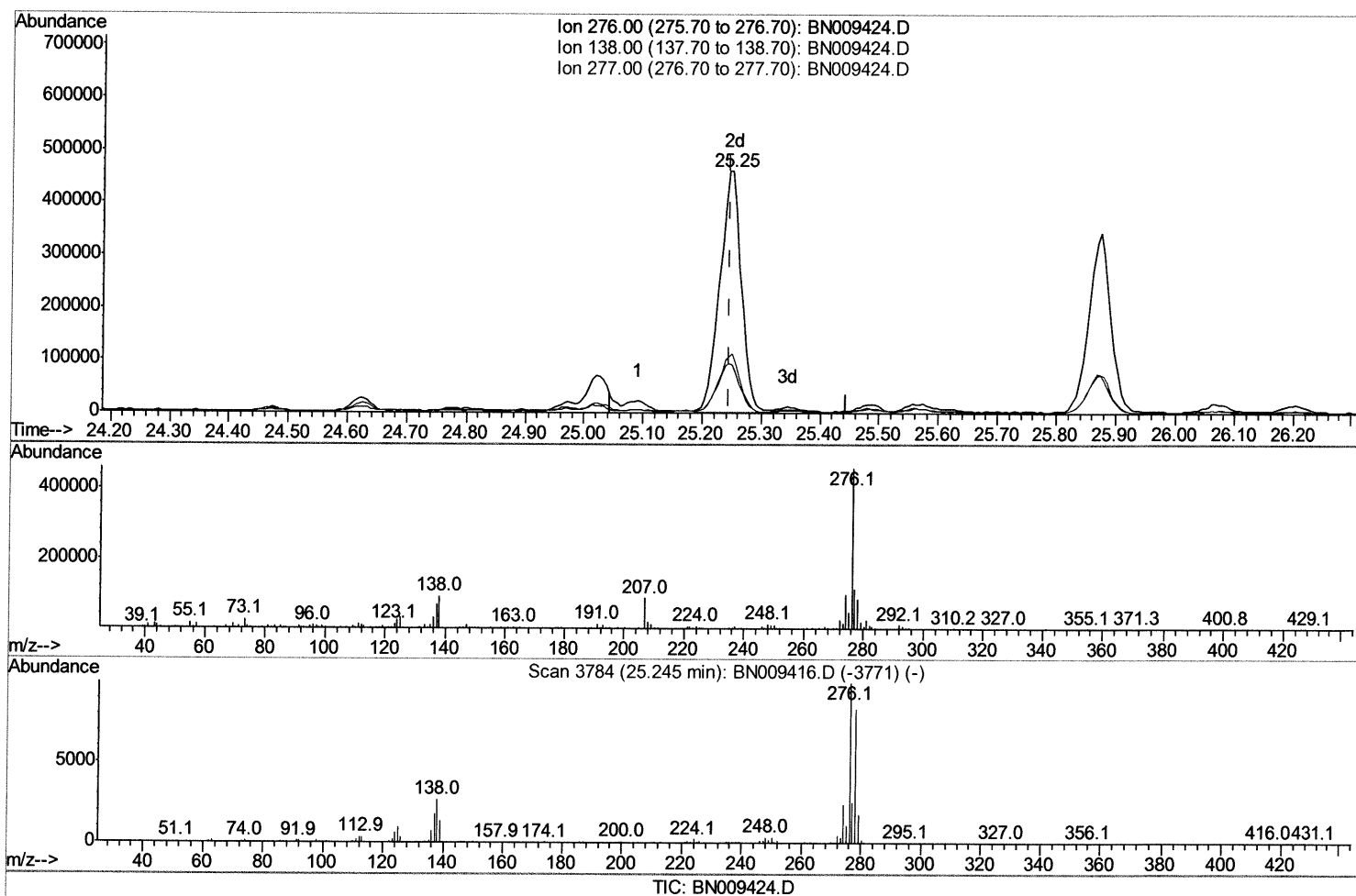
Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN012320\
Data File : BN009424.D
Acq On : 23 Jan 2020 14:12
Operator : CG/JU
Sample : L1118-10
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
GASK1

Manual Integrations
APPROVED

mohammad
1/24/2020 1:54:17 PM

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN012220MA.M
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QLast Update : Wed Jan 22 15:13:20 2020
Response via : Initial Calibration



(91) Indeno(1,2,3-cd)pyrene

25.250min (+0.005) 21.40ng/ul m > S2 1/24/20

response 1166597

Ion	Exp%	Act%
276.00	100	100
138.00	26.70	20.22#
277.00	25.50	24.72
0.00	0.00	0.00

Quantitation Report (Qedit)

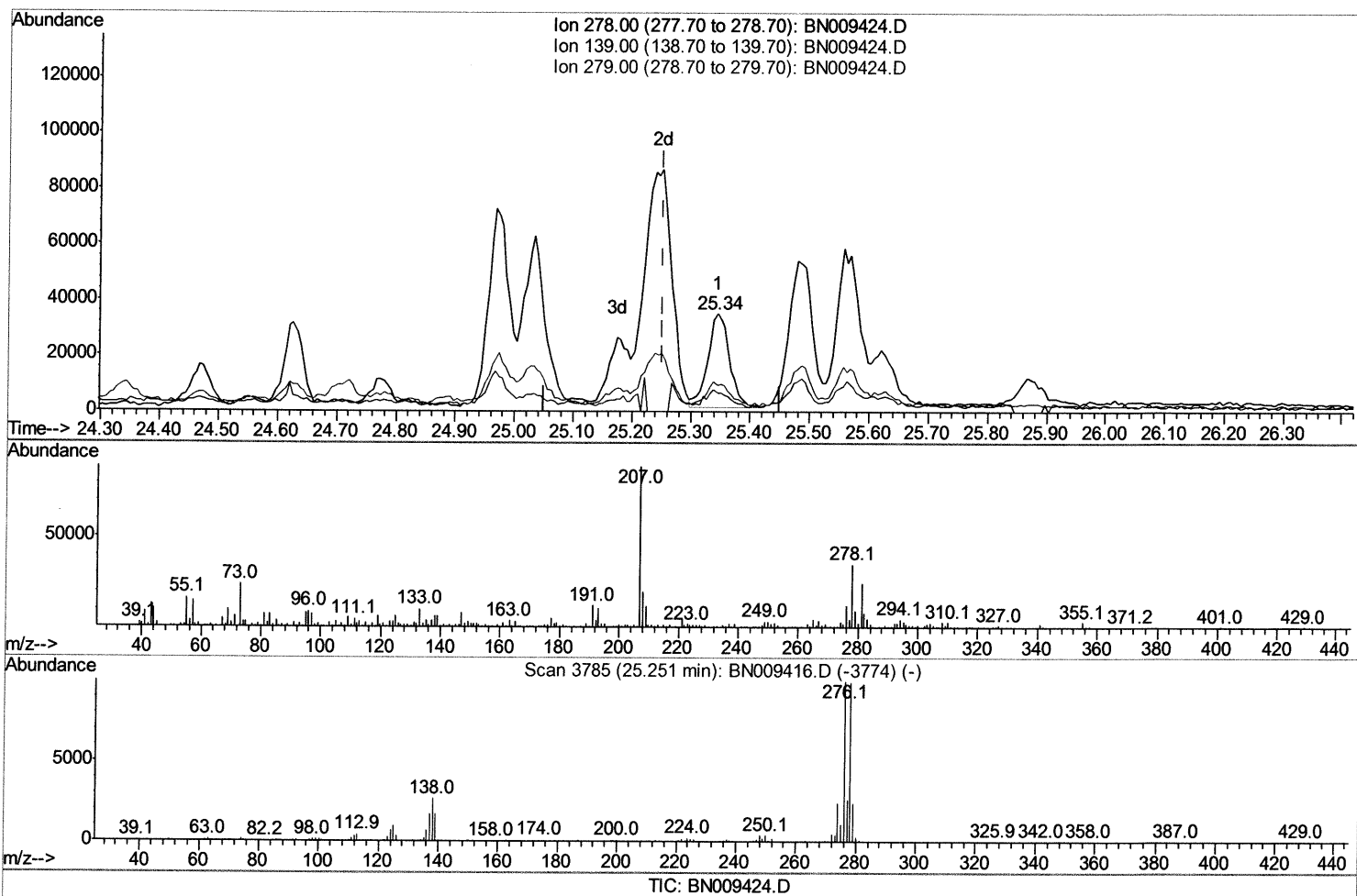
Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN012320\
Data File : BN009424.D
Acq On : 23 Jan 2020 14:12
Operator : CG/JU
Sample : L1118-10
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
GASK1

Manual Integrations
APPROVED

mohammad
1/24/2020 1:54:17 PM

Quant Time: Jan 23 14:46:34 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN012220MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jan 22 15:13:20 2020
Response via : Initial Calibration



(92) Dibenzo(a,h)anthracene

25.345min (+0.094) 1.84ng/ul

response 84641

Ion	Exp%	Act%
278.00	100	100
139.00	17.40	18.94
279.00	24.10	27.48
0.00	0.00	0.00

Quantitation Report (Qedit)

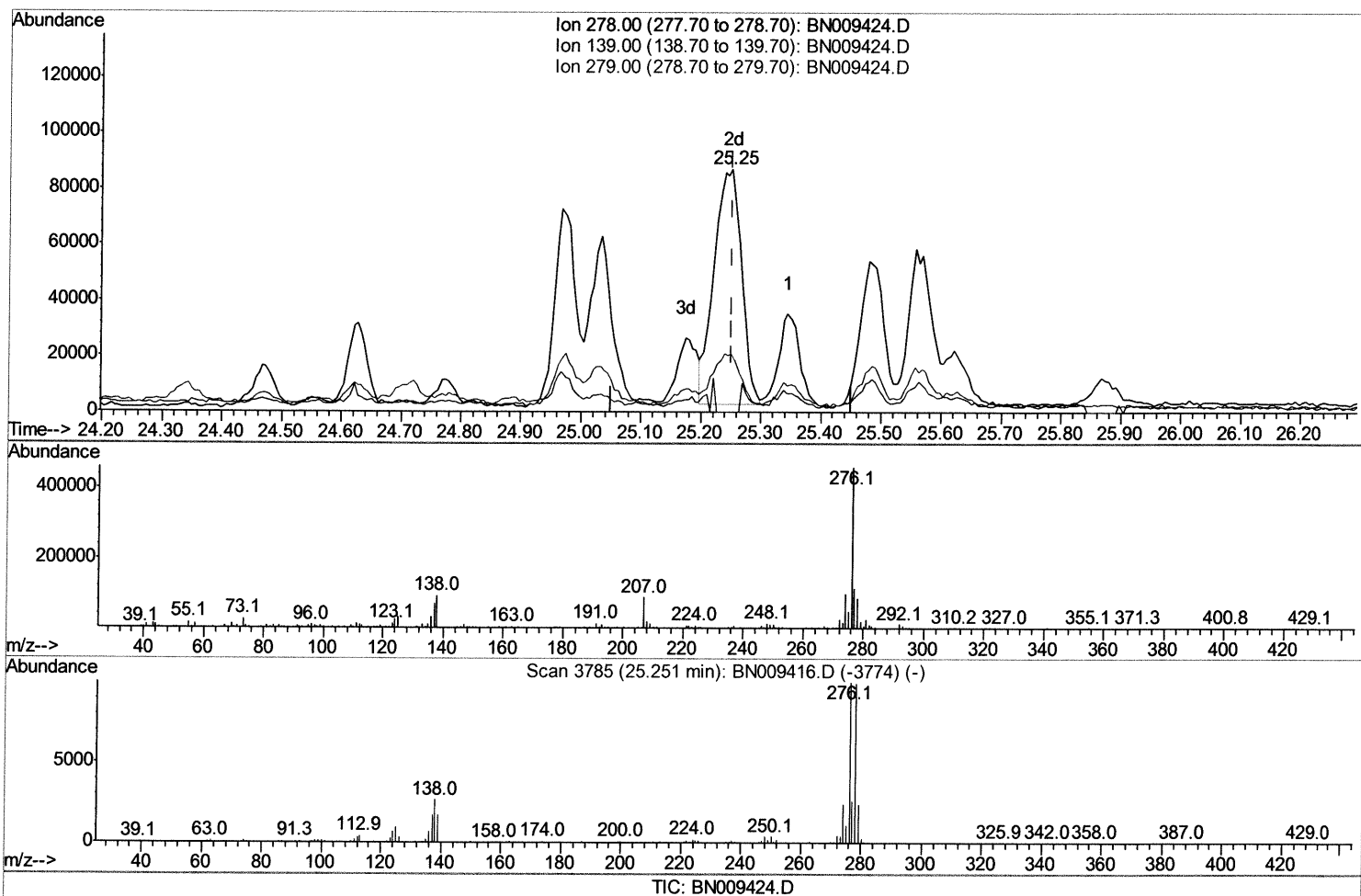
Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN012320\
Data File : BN009424.D
Acq On : 23 Jan 2020 14:12
Operator : CG/JU
Sample : L1118-10
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
GASK1

Manual Integrations
APPROVED

mohammad
1/24/2020 1:54:17 PM

Quant Time: Jan 23 14:46:34 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN012220MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jan 22 15:13:20 2020
Response via : Initial Calibration



(92) Dibenzo(a,h)anthracene

25.250min (-0.000) 5.81ng/ul $\rightarrow$ 5.2 1/24/20

response 267069

Ion	Exp%	Act%
278.00	100	100
139.00	17.40	0.00#
279.00	24.10	24.01
0.00	0.00	0.00

Quantitation Report (Qedit)

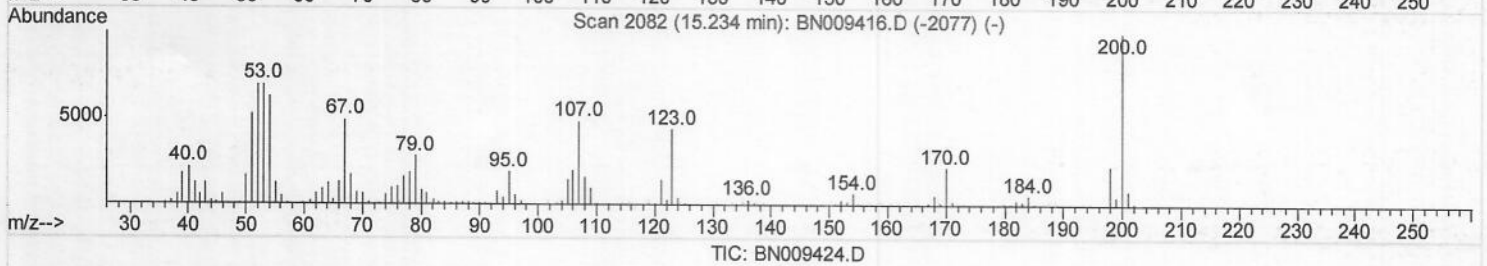
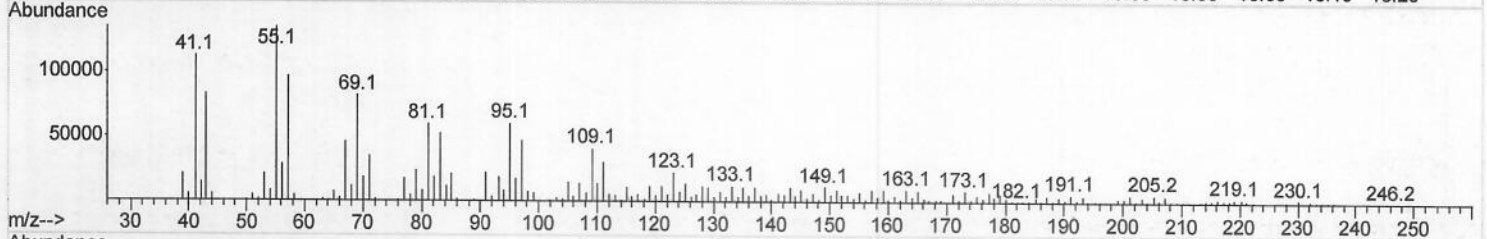
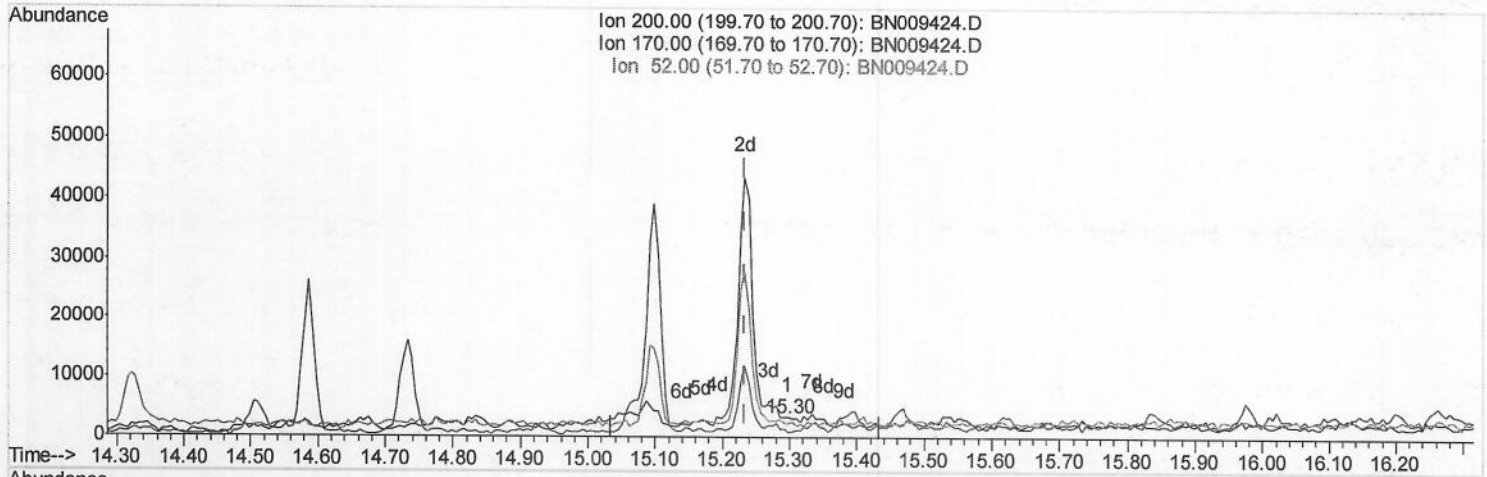
Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN012320\
 Data File : BN009424.D
 Acq On : 23 Jan 2020 14:12
 Operator : CG/JU
 Sample : L1118-10
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 GASK1

Manual Integrations
 APPROVED

mohammad
 1/24/2020 1:54:17 PM

Quant Time: Jan 30 06:13:03 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN012220MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Jan 22 15:13:20 2020
 Response via : Initial Calibration



(62) 4,6-Dinitro-2-methylphenol-d2 (S)

15.298min (+0.064) 0.23ng/ul

response 1066

Ion	Exp%	Act%
200.00	100	100
170.00	21.70	24.36
52.00	72.80	71.78
0.00	0.00	0.00

Quantitation Report (Qedit)

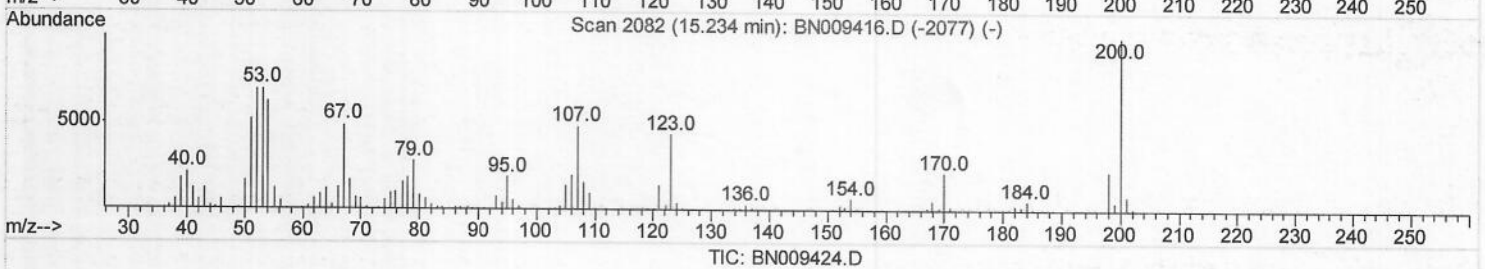
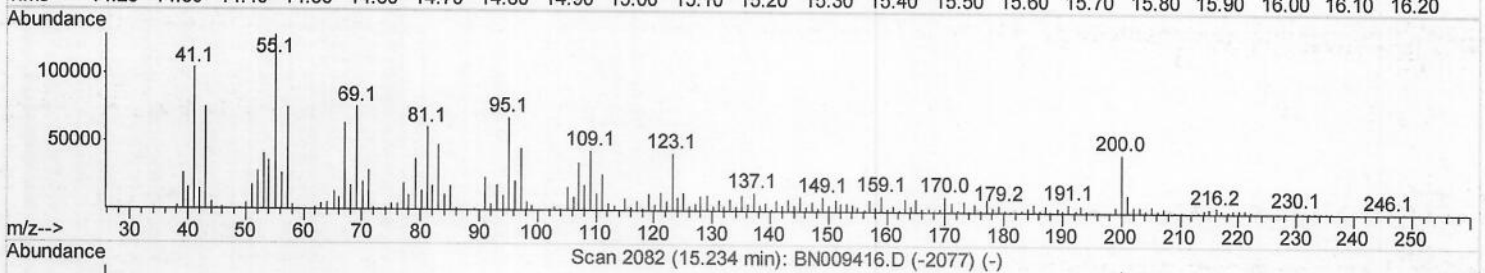
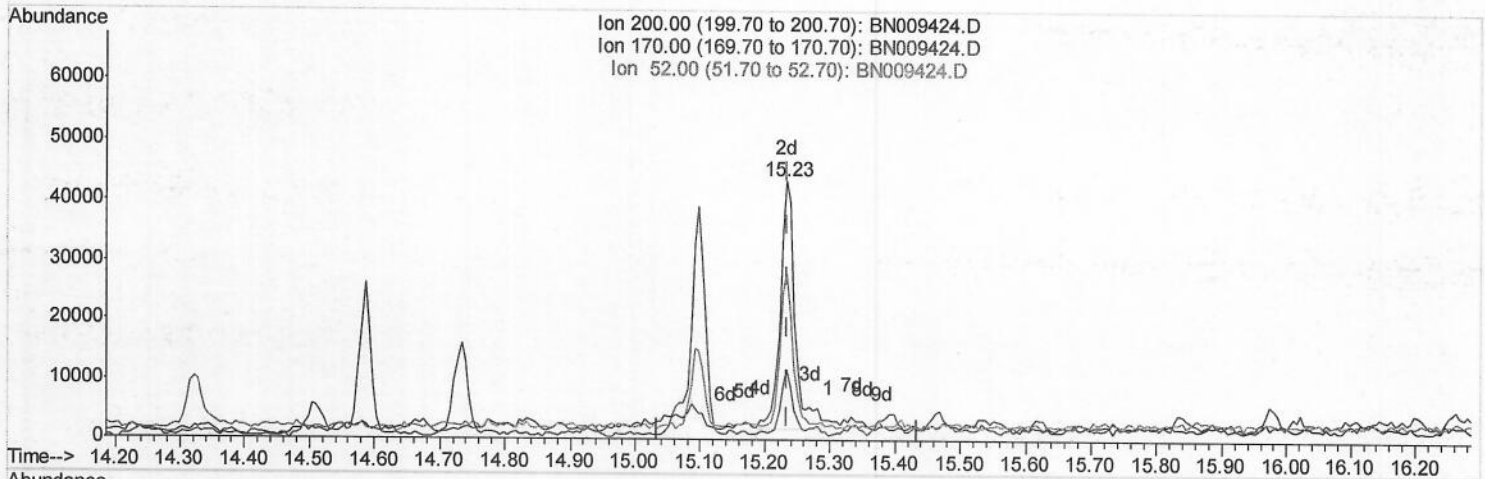
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 Response via : Initial Calibration



(62) 4,6-Dinitro-2-methylphenol-d2 (S)

15.233min (-0.000) 14.63ng/ul m

response 67012

Ion	Exp%	Act%
200.00	100	100
170.00	21.70	27.49#
52.00	72.80	64.70
0.00	0.00	0.00

55 1/24/20

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.46	152	139263	20.00	ng/ul	0.00
18) Naphthalene-d8	10.21	136	605845	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.10	164	368525	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.85	188	756281	20.00	ng/ul	0.00
77) Chrysene-d12	21.06	240	695725	20.00	ng/ul	0.00
85) Perylene-d12	23.18	264	792585	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.09	96	8133	2.42	ng/uL	0.00
5) Phenol-d5	6.65	99	168280	13.62	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.81	67	129195	14.74	ng/ul	0.00
9) 2-Chlorophenol-d4	7.00	132	134637	14.93	ng/ul	0.00
13) 4-Methylphenol-d8	8.17	113	137512	13.99	ng/ul	0.00
19) Nitrobenzene-d5	8.60	128	66176	15.01	ng/ul	0.00
22) 2-Nitrophenol-d4	9.32	143	68641	14.85	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.85	165	140331	15.32	ng/ul	0.00
29) 4-Chloroaniline-d4	10.36	131	157168	14.20	ng/ul	0.00
43) Dimethylphthalate-d6	13.52	166	479435	17.58	ng/ul	0.00
46) Acenaphthylene-d8	13.78	160	564806	17.45	ng/ul	0.00
51) 4-Nitrophenol-d4	14.32	143	82726	16.30	ng/ul	0.00
57) Fluorene-d10	15.10	176	429957	17.96	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.23	200	67012m	14.63	ng/ul	0.00
70) Anthracene-d10	16.94	188	686359m	19.62	ng/ul	0.00
78) Pyrene-d10	19.25	212	726386	19.41	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.04	264	765226	19.13	ng/ul	0.00

Target Compounds

					Ovalue	
6) Phenol	6.68	94	39398	3.045	ng/ul	98
44) Dimethylphthalate	13.56	163	124260	4.425	ng/ul	99
47) Acenaphthylene	13.81	152	833293	23.852	ng/ul	99
71) Anthracene	16.98	178	240935	5.545	ng/ul#	93
76) Fluoranthene	18.92	202	149080m	3.048	ng/ul	
79) Pyrene	19.28	202	450670	8.946	ng/ul	98
82) Benzo(a)anthracene	21.04	228	303512	6.406	ng/ul#	51
84) Chrysene	21.07	228	629050	13.630	ng/ul#	90
87) Benzo(b)fluoranthene	22.56	252	1129226	22.533	ng/ul	94
88) Benzo(k)fluoranthene	22.59	252	261414m	5.305	ng/ul	
90) Benzo(a)pyrene	23.09	252	1401204	31.149	ng/ul	99
91) Indeno(1,2,3-cd)pyrene	25.25	276	1166597m	21.400	ng/ul	
92) Dibenzo(a,h)anthracene	25.25	278	267069m	5.807	ng/ul	
93) Benzo(g,h,i)perylene	25.87	276	882841	19.470	ng/ul	97

52 1/24/20

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