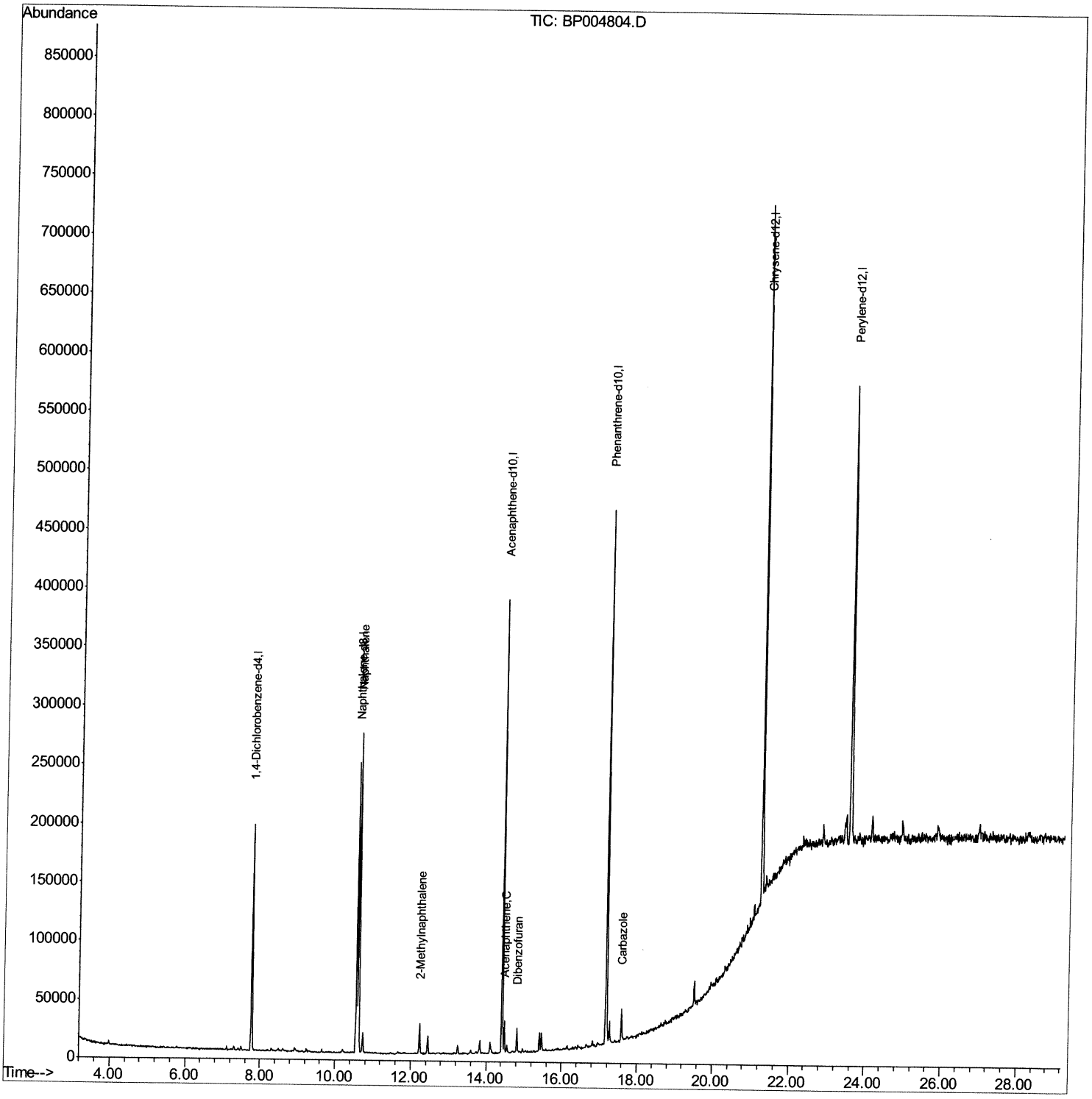
Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA P\Data\BP021721\
Data File : BP004804.D
Acq On : 18 Feb 2021 11:14
Operator : CG/JU
Sample : M1407-07DL2 50X
Misc :
ALS Vial : 40 Sample Multiplier: 1

Quant Time: Feb 18 13:57:06 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP020821MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Feb 15 12:16:19 2021
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
DBGK7DL2

Manual Integrations APPROVED
mohammad
2/18/2021 1:40:47 PM



Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG022421\
Data File : BGBL02.D
Acq On : 25 Feb 2021 14:07
Operator : CG/JU
Sample : BL-02
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DBGK7DL2

Manual Integrations APPROVED
mohammad
2/18/2021 1:40:47 PM

Quant Time: Feb 25 17:27:06 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG022421.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Feb 24 17:16:41 2021
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.11	152	32307	20.00	ng/ul	0.00
20) Naphthalene-d8	10.93	136	131500	20.00	ng/ul	0.00
38) Acenaphthene-d10	14.73	164	96930	20.00	ng/ul	0.00
64) Phenanthrene-d10	17.48	188	254306	20.00	ng/ul	0.00
79) Chrysene-d12	21.76	240	304292	20.00	ng/ul	0.00
88) Perylene-d12	25.06	264	291839	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.50	96	2784	3.93	ng/uL	0.00
4) Pyridine-d5	3.93	84	40480	17.69	ng/ul	0.00
7) Phenol-d5	7.31	99	64819	22.16	ng/ul	0.00
9) Bis-(2-Chloroethyl)ether-d	7.43	67	42748	23.20	ng/ul	0.00
11) 2-Chlorophenol-d4	7.65	132	47460	23.33	ng/ul	0.00
15) 4-Methylphenol-d8	8.85	113	53649	23.31	ng/ul	0.00
21) Nitrobenzene-d5	9.28	128	23493	21.71	ng/ul	0.00
24) 2-Nitrophenol-d4	10.01	143	30479	22.96	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.57	165	53709	21.76	ng/ul	0.00
31) 4-Chloroaniline-d4	11.07	131	69288	22.21	ng/ul	0.00
46) Dimethylphthalate-d6	14.14	166	197747	25.10	ng/ul	0.00
49) Acenaphthylene-d8	14.43	160	227445	26.02	ng/ul	0.00
54) 4-Nitrophenol-d4	15.02	143	24025	14.64	ng/ul	0.00
60) Fluorene-d10	15.73	176	174097	24.72	ng/ul	0.00
65) 4,6-Dinitro-2-methylphenol	15.87	200	31259	18.05	ng/ul	0.00
73) Anthracene-d10	17.58	188	305897	25.03	ng/ul	0.00
81) Pyrene-d10	19.86	212	394032	24.16	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.83	264	407861	25.21	ng/ul	0.00

Target Compounds Qvalue

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

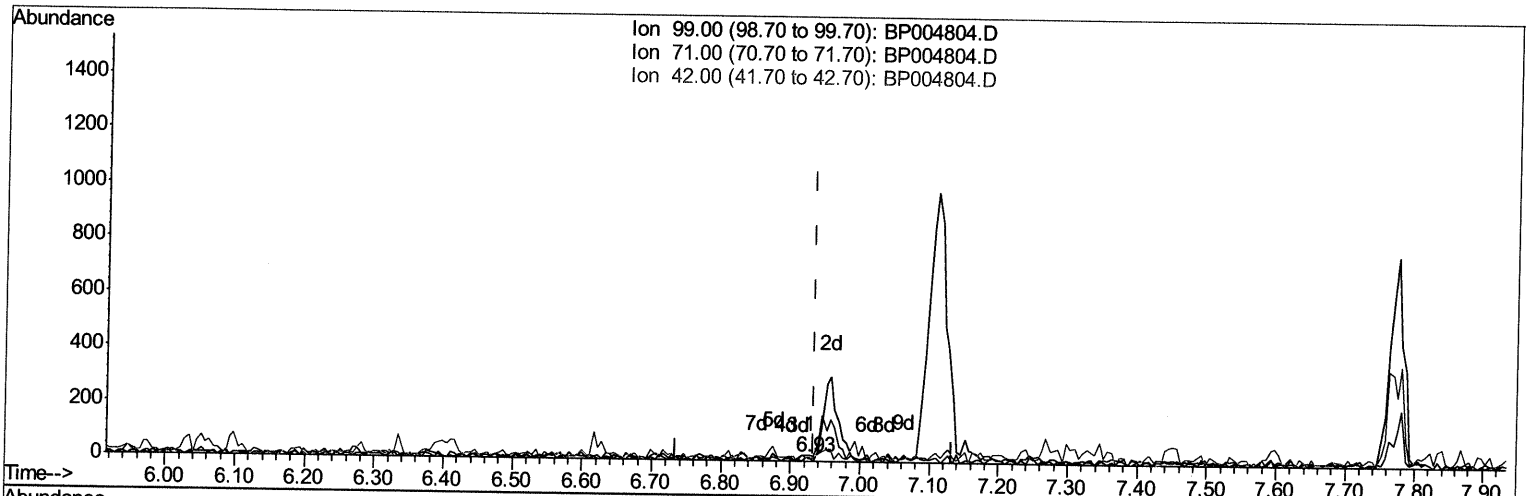
Quantitation Report (Qedit)

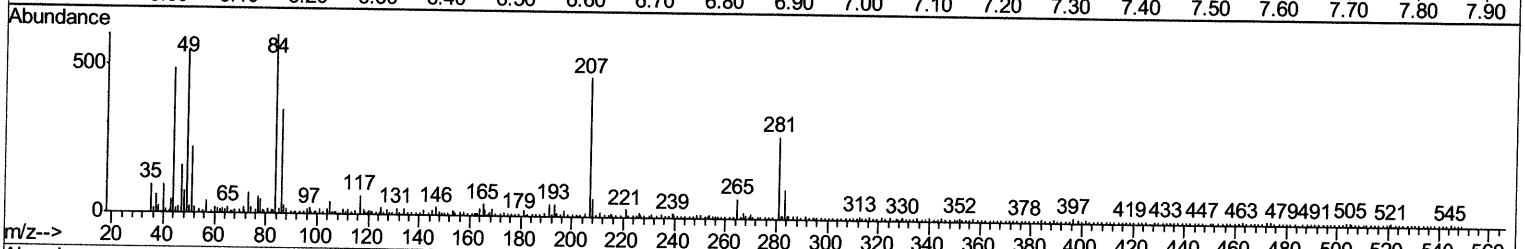
Data Path : Z:\svoasrv\HPCHEM1\BNA P\Data\BP021721\
Data File : BP004804.D
Acq On : 18 Feb 2021 11:14
Operator : CG/JU
Sample : M1407-07DL2 50X
Misc :
ALS Vial : 40 Sample Multiplier: 1

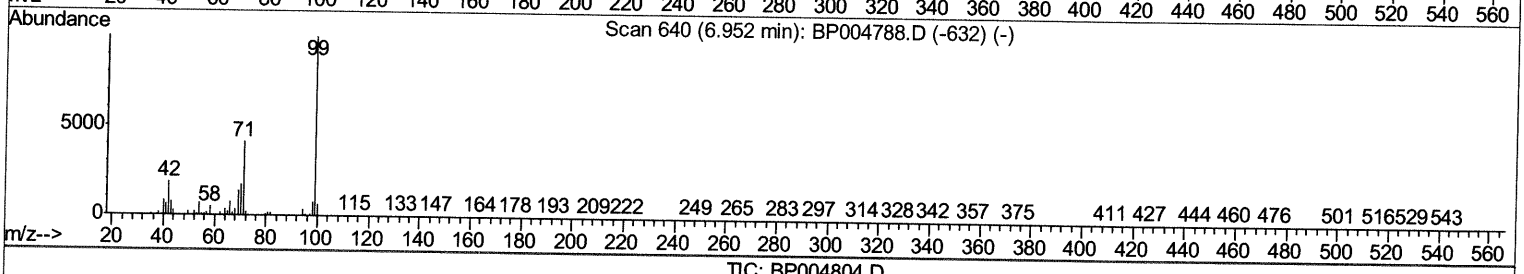
Quant Time: Feb 18 11:44:53 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP020821MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Feb 15 12:16:19 2021
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
DBGK7DL2

Manual Integrations APPROVED
mohammad
2/18/2021 1:40:47 PM







TIC: BP004804.D

(5) Phenol-d5 (S)

6.928min (-0.006) 0.00ng/ul

response 10

Ion	Exp%	Act%
99.00	100	100
71.00	42.40	150.00#
42.00	17.50	57.14#
0.00	0.00	0.00

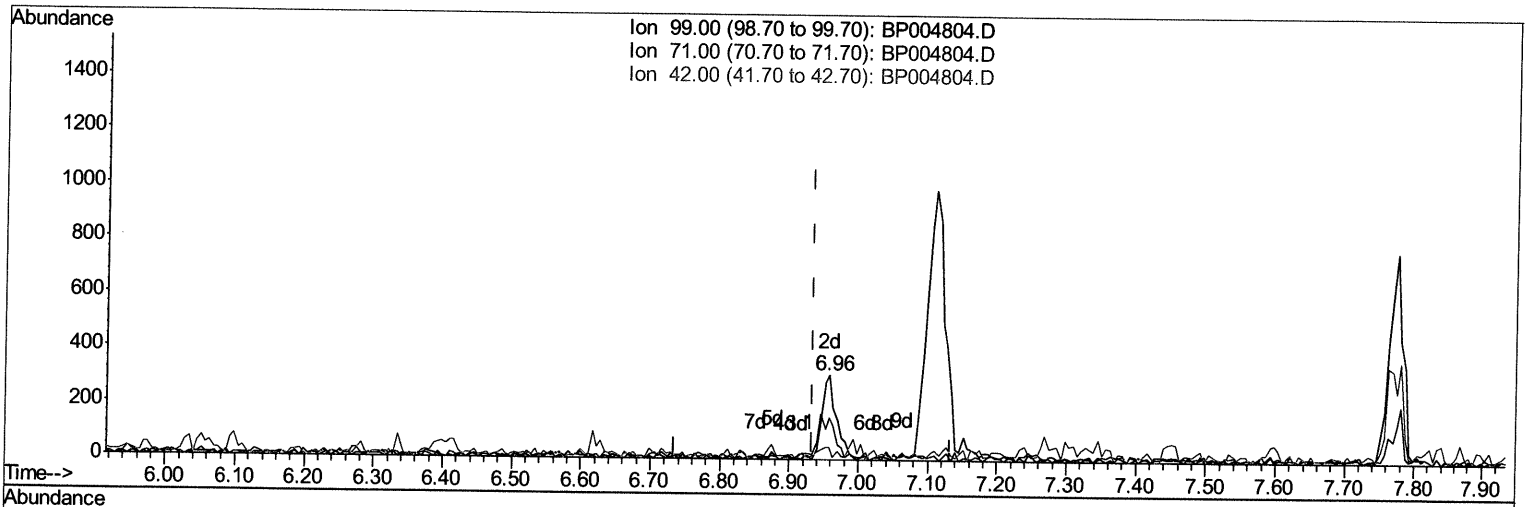
Quantitation Report (Qedit)

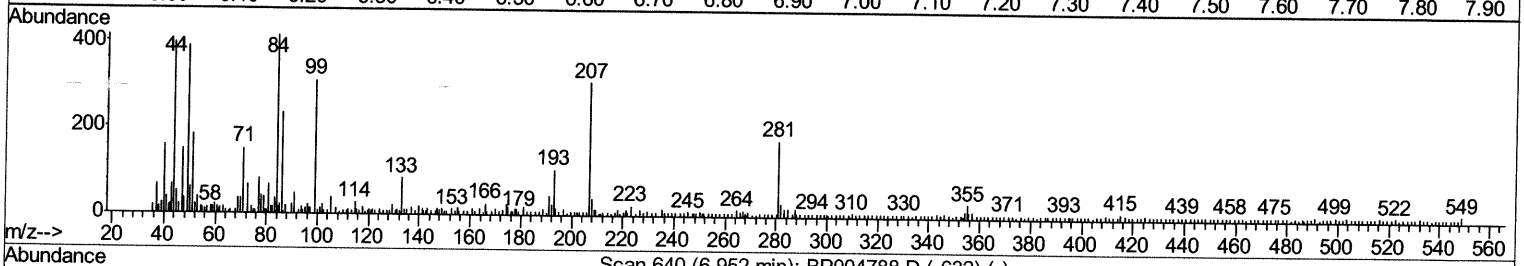
Data Path : Z:\svoasrv\HPCHEM1\BNA P\Data\BP021721\
Data File : BP004804.D
Acq On : 18 Feb 2021 11:14
Operator : CG/JU
Sample : M1407-07DL2 50X
Misc :
ALS Vial : 40 Sample Multiplier: 1

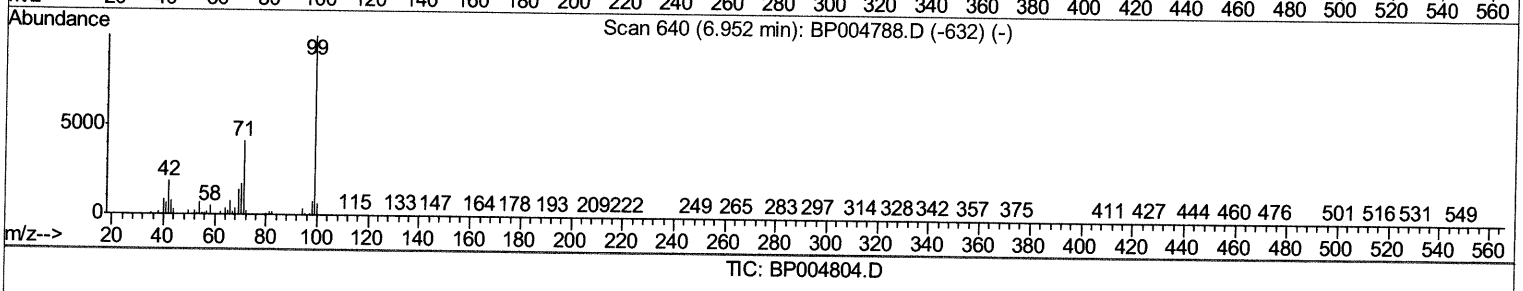
Quant Time: Feb 18 11:44:53 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP020821MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Feb 15 12:16:19 2021
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
DBGK7DL2

Manual Integrations APPROVED
mohammad
2/18/2021 1:40:47 PM







TIC: BP004804.D

(5) Phenol-d5 (S)

6.958min (+0.023) 0.12ng/ul m 2/26/21 JU

response 463

Ion	Exp%	Act%
99.00	100	100
71.00	42.40	48.71
42.00	17.50	7.42#
0.00	0.00	0.00

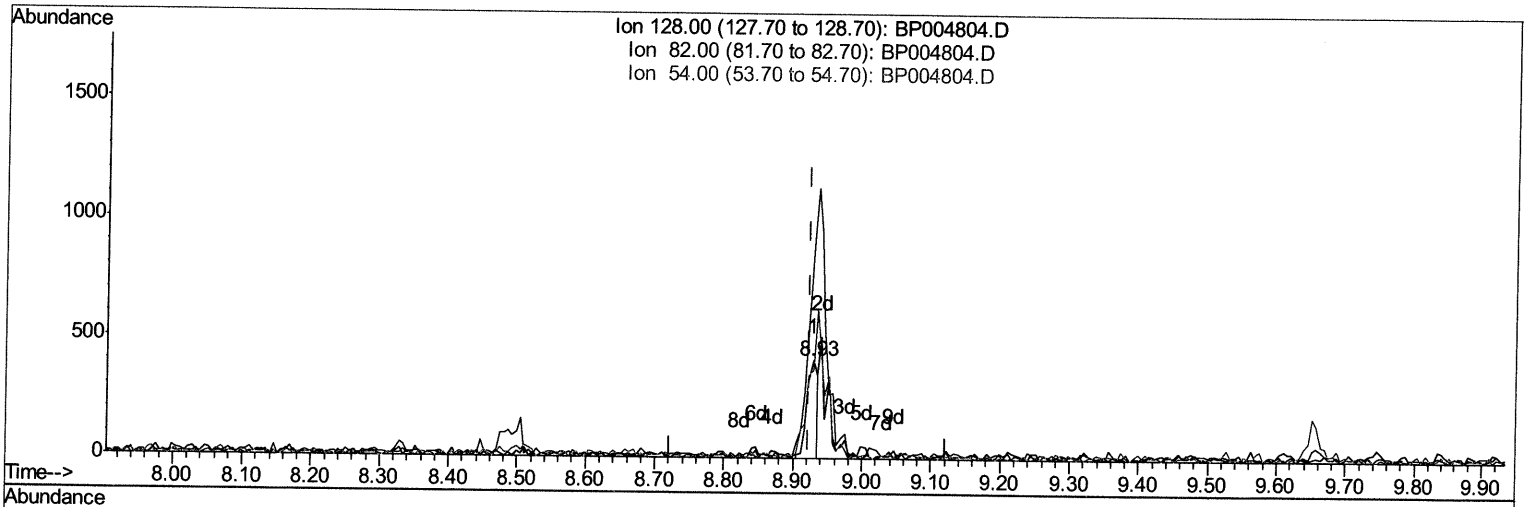
Quantitation Report (Qedit)

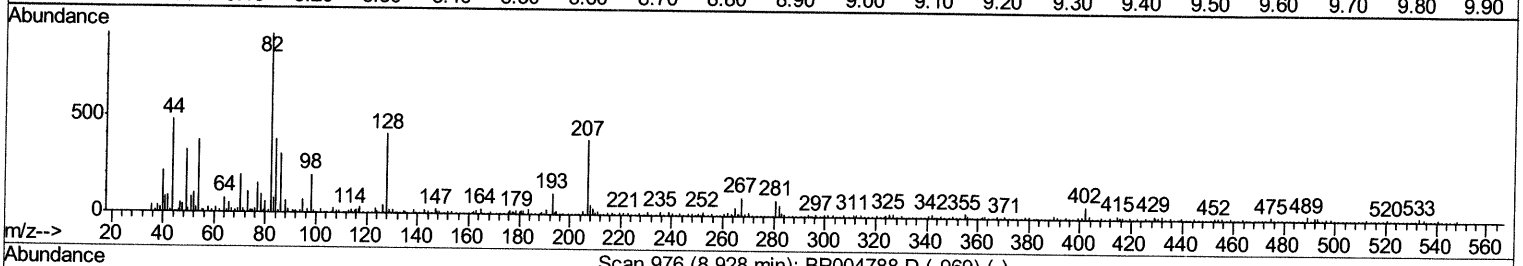
Data Path : Z:\svoasrv\HPCHEM1\BNA P\Data\BP021721\
Data File : BP004804.D
Acq On : 18 Feb 2021 11:14
Operator : CG/JU
Sample : M1407-07DL2 50X
Misc :
ALS Vial : 40 Sample Multiplier: 1

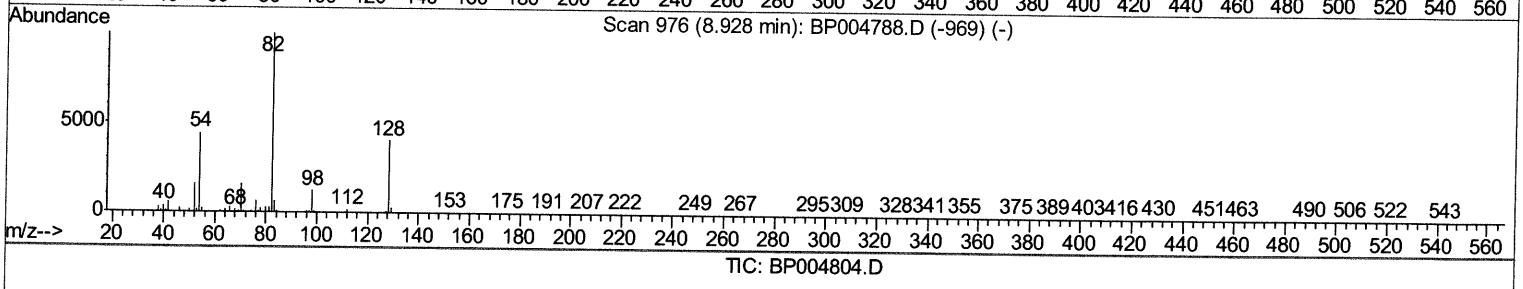
Quant Time: Feb 18 11:44:53 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP020821MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Feb 15 12:16:19 2021
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
DBGK7DL2

Manual Integrations APPROVED
mohammad
2/18/2021 1:40:47 PM







TIC: BP004804.D

(19) Nitrobenzene-d5 (S)

8.928min (+0.006) 0.32ng/ul

response 434

Ion	Exp%	Act%
128.00	100	100
82.00	278.30	224.69
54.00	123.30	90.22#
0.00	0.00	0.00

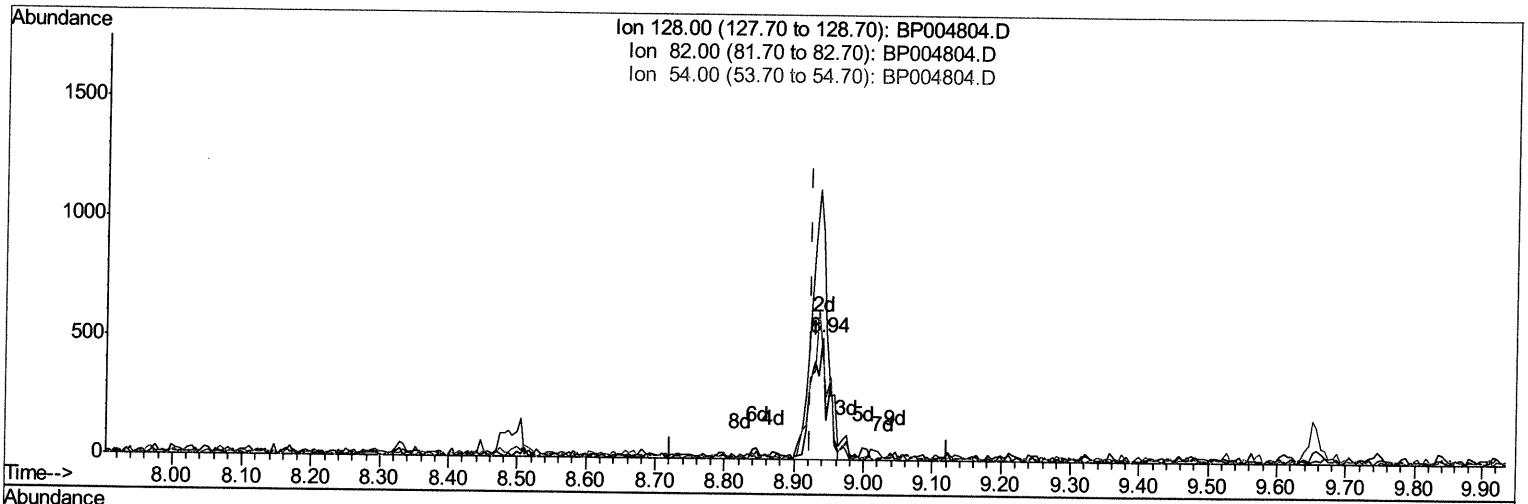
Quantitation Report (Qedit)

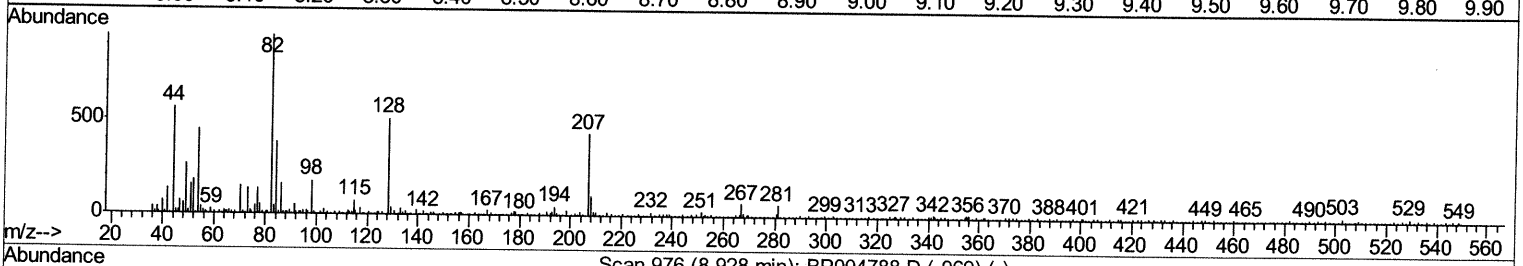
Data Path : Z:\svoasrv\HPCHEM1\BNA P\Data\BP021721\
Data File : BP004804.D
Acq On : 18 Feb 2021 11:14
Operator : CG/JU
Sample : M1407-07DL2 50X
Misc :
ALS Vial : 40 Sample Multiplier: 1

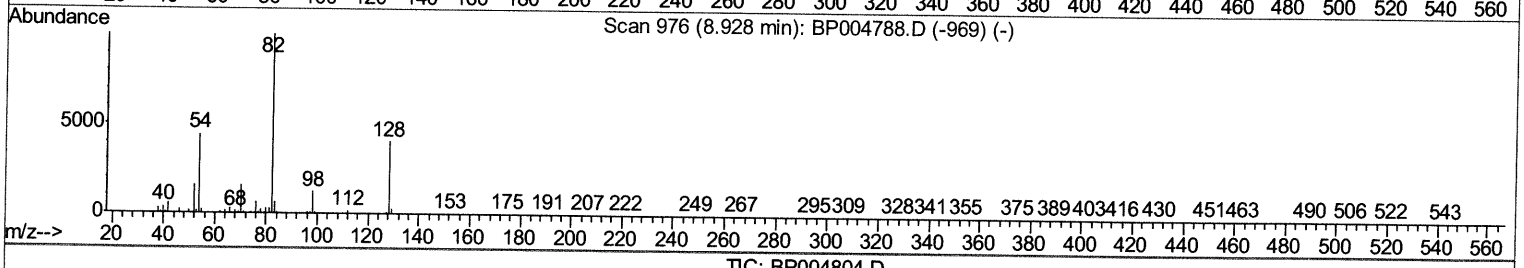
Quant Time: Feb 18 11:44:53 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP020821MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Feb 15 12:16:19 2021
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
DBGK7DL2

Manual Integrations APPROVED
mohammad
2/18/2021 1:40:47 PM







TIC: BP004804.D

(19) Nitrobenzene-d5 (S)

8.940min (+0.017) 0.62ng/ul m 02/24/21 JU

response 843

Ion	Exp%	Act%
128.00	100	100
82.00	278.30	186.11#
54.00	123.30	87.87#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA P\Data\BP021721\
Data File : BP004804.D
Acq On : 18 Feb 2021 11:14
Operator : CG/JU
Sample : M1407-07DL2 50X
Misc :
ALS Vial : 40 Sample Multiplier: 1

Quant Time: Feb 18 11:44:53 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP020821MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Feb 15 12:16:19 2021
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
DBGK7DL2

Manual Integrations APPROVED
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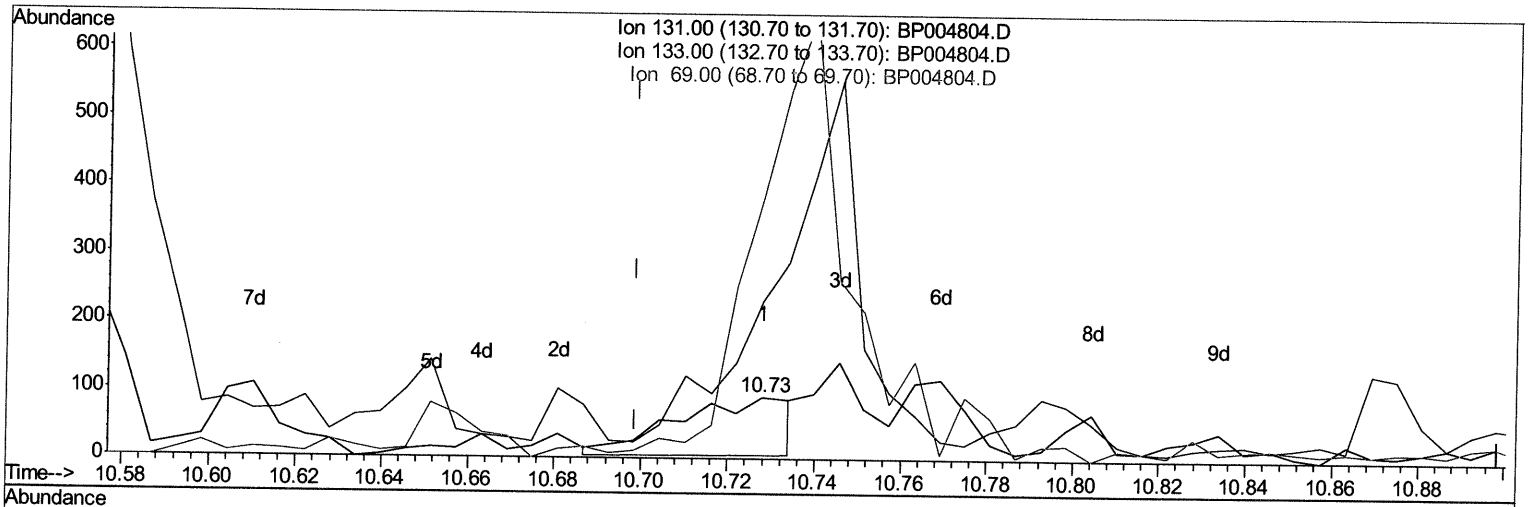
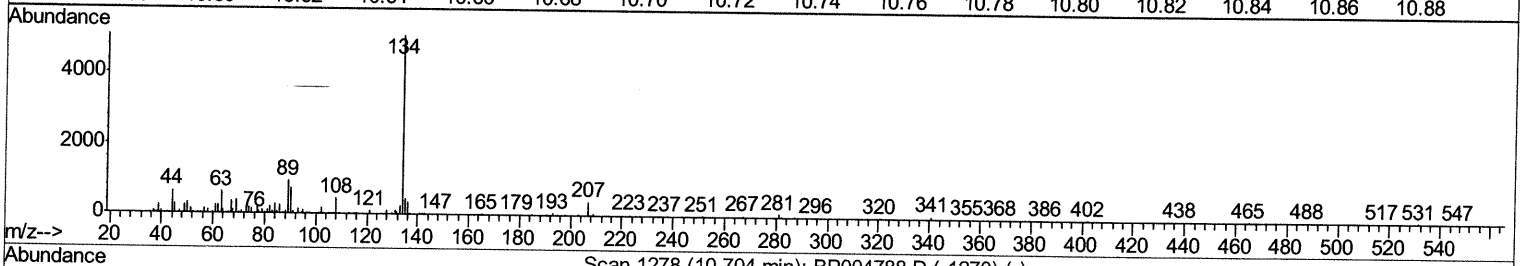
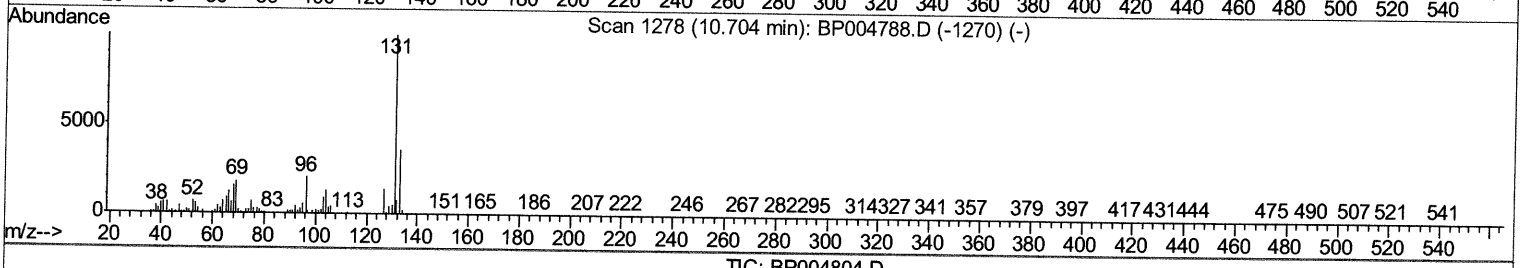






TIC: BP004804.D

(29) 4-Chloroaniline-d4 (S)

10.728min (+0.029) 0.05ng/ul

response 157

Ion	Exp%	Act%
131.00	100	100
133.00	31.20	253.85#
69.00	20.50	424.18#
0.00	0.00	0.00

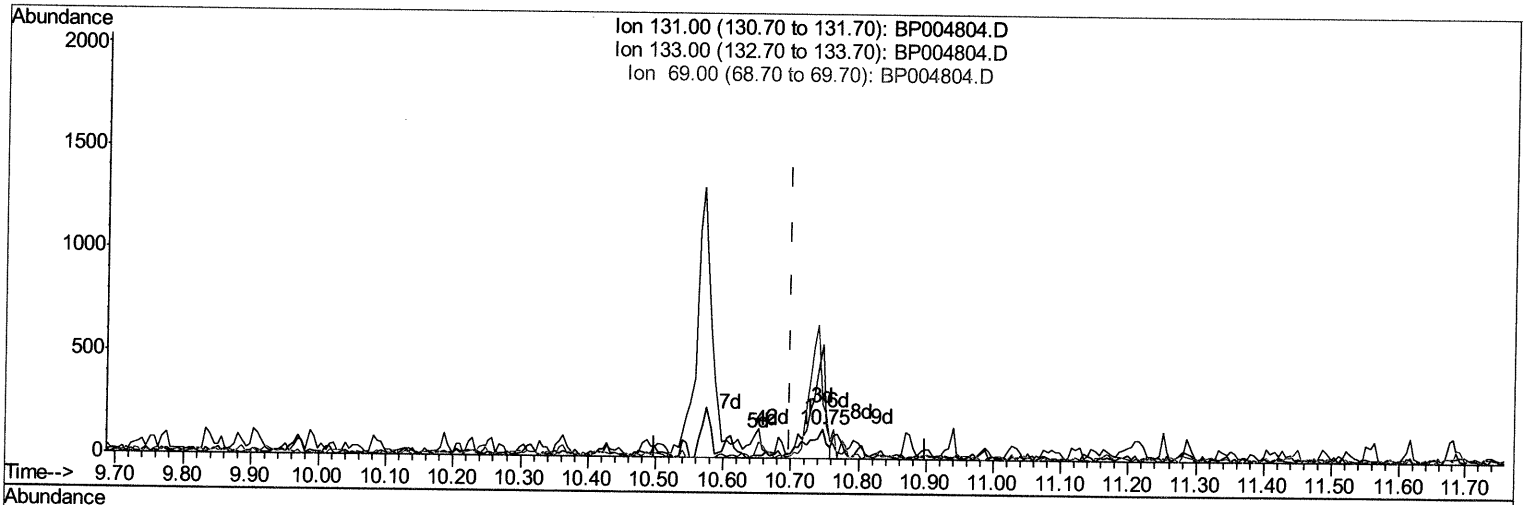
Quantitation Report (Qedit)

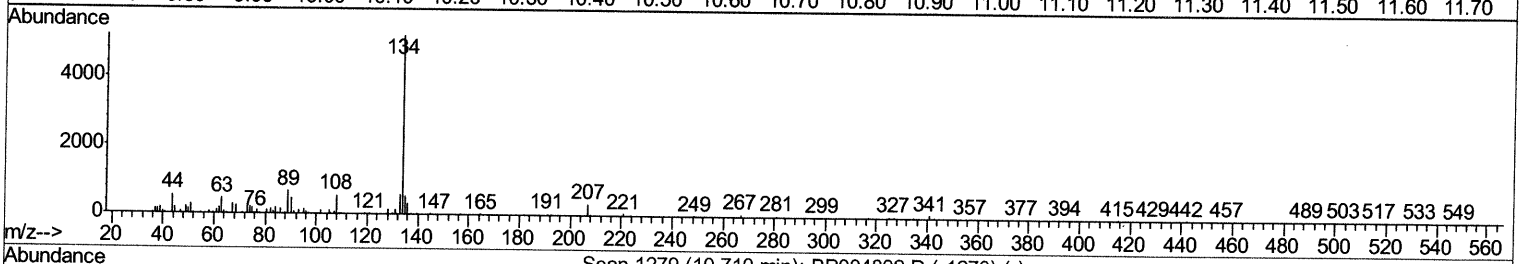
Data Path : Z:\svoasrv\HPCHEM1\BNA P\Data\BP021721\
Data File : BP004804.D
Acq On : 18 Feb 2021 11:14
Operator : CG/JU
Sample : M1407-07DL2 50X
Misc :
ALS Vial : 40 Sample Multiplier: 1

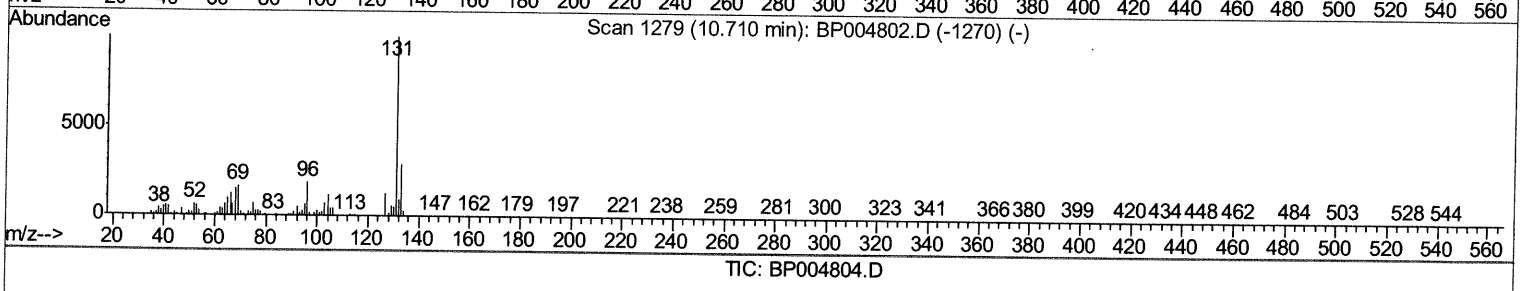
Quant Time: Feb 18 13:57:06 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP020821MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Feb 15 12:16:19 2021
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
DBGK7DL2

Manual Integrations APPROVED
mohammad
2/18/2021 1:40:47 PM







TIC: BP004804.D

(29) 4-Chloroaniline-d4 (S)

10.746min (+0.047) 0.09ng/ul m 02/26/21JU

response 298

Ion	Exp%	Act%
131.00	100	100
133.00	31.20	391.55#
69.00	20.50	184.51#
0.00	0.00	0.00

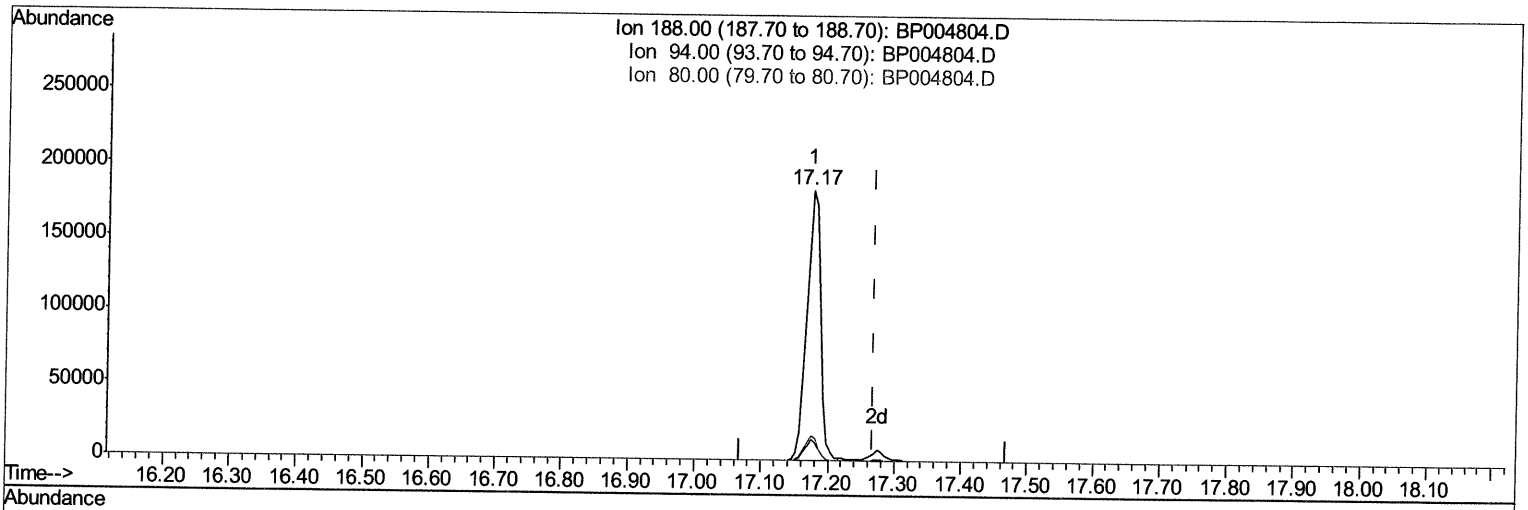
Quantitation Report (Qedit)

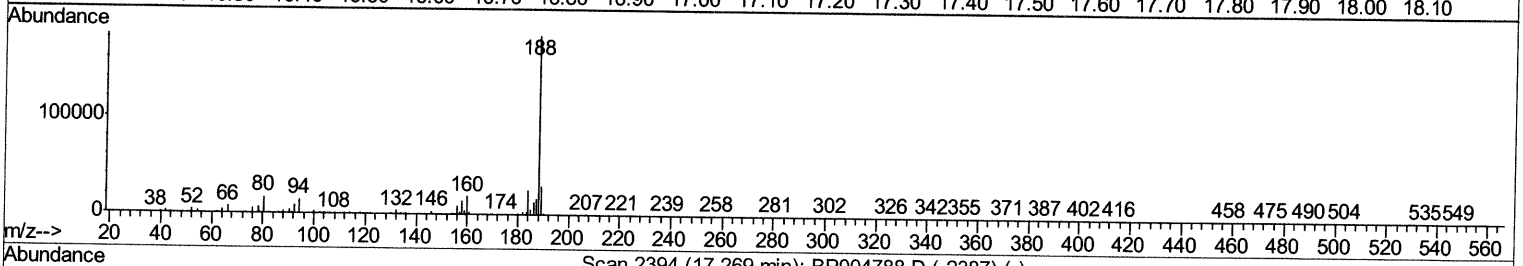
Data Path : Z:\svoasrv\HPCHEM1\BNA P\Data\BP021721\
Data File : BP004804.D
Acq On : 18 Feb 2021 11:14
Operator : CG/JU
Sample : M1407-07DL2 50X
Misc :
ALS Vial : 40 Sample Multiplier: 1

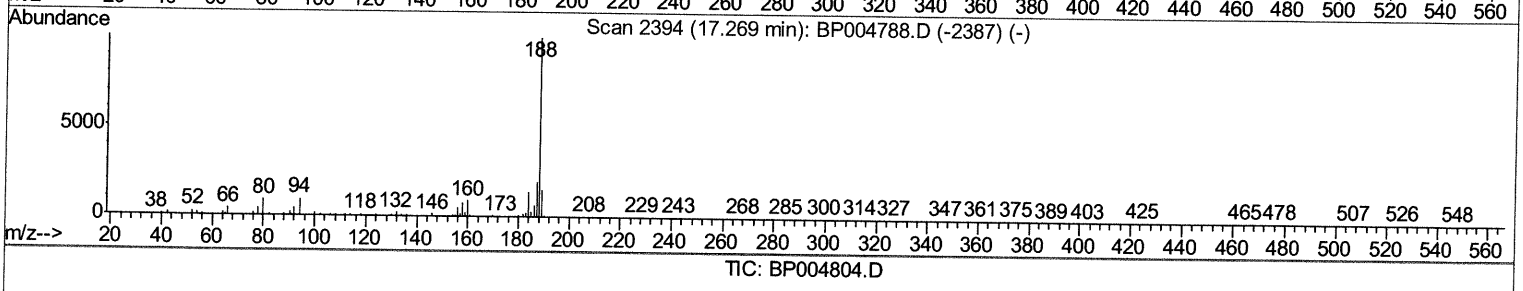
Quant Time: Feb 18 11:44:53 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP020821MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Feb 15 12:16:19 2021
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
DBGK7DL2

Manual Integrations APPROVED
mohammad
2/18/2021 1:40:47 PM







TIC: BP004804.D

(71) Anthracene-d10 (S)

17.175min (-0.094) 22.68ng/ul

response 264756

Ion	Exp%	Act%
188.00	100	100
94.00	8.70	7.88
80.00	7.90	8.96
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA P\Data\BP021721\
Data File : BP004804.D
Acq On : 18 Feb 2021 11:14
Operator : CG/JU
Sample : M1407-07DL2 50X
Misc :
ALS Vial : 40 Sample Multiplier: 1

Quant Time: Feb 18 11:44:53 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP020821MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Feb 15 12:16:19 2021
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
DBGK7DL2

Manual Integrations APPROVED
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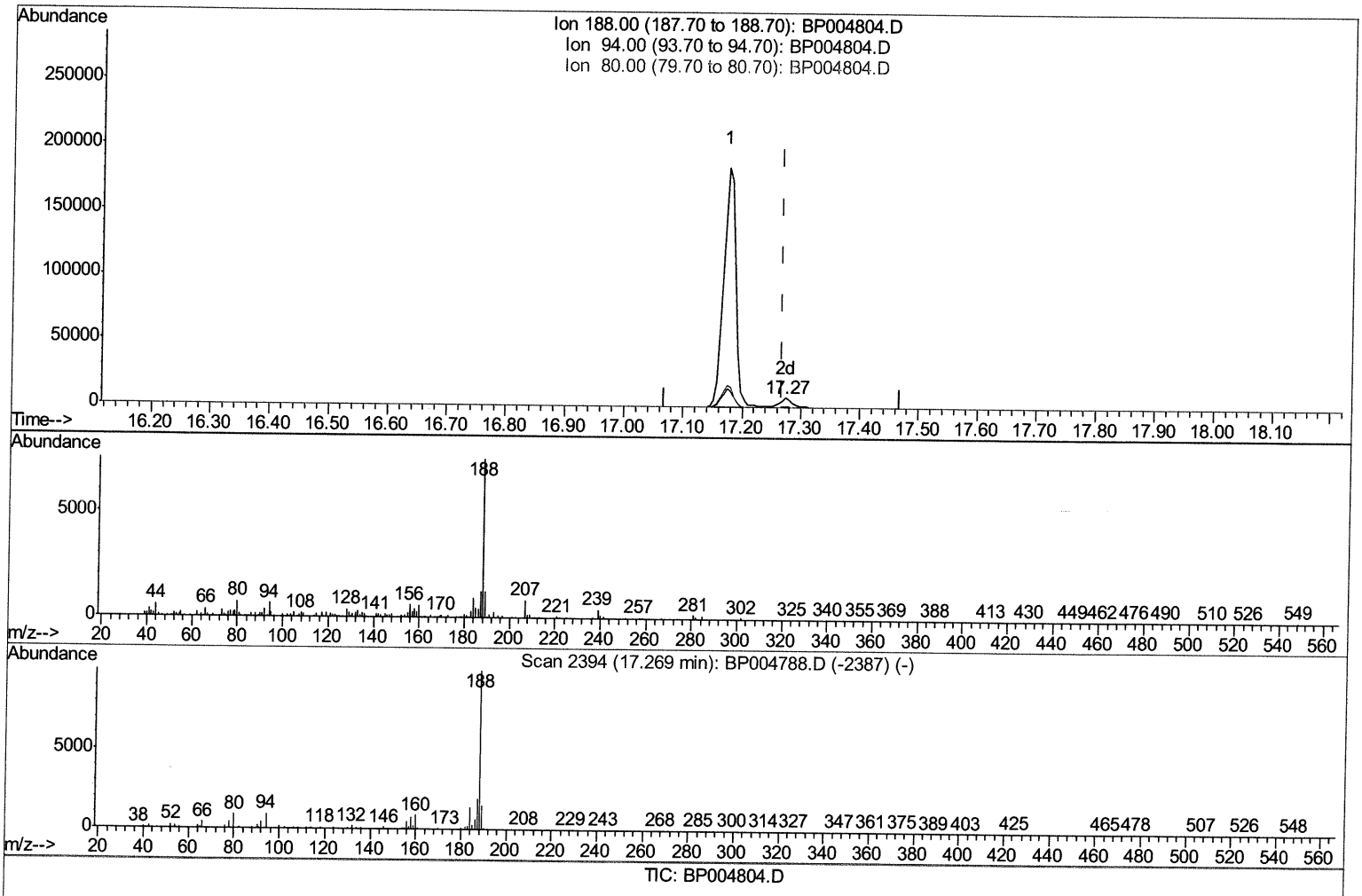
2/18/2021 1:40:47 PM



(71) Anthracene-d10 (S)

17.275min (+0.006) 0.98ng/ul m 02/26/2154

response 11494

Ion	Exp%	Act%
188.00	100	100
94.00	8.70	8.67
80.00	7.90	9.83#
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA P\Data\BP021721\
Data File : BP004804.D
Acq On : 18 Feb 2021 11:14
Operator : CG/JU
Sample : M1407-07DL2 50X
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DBGK7DL2

Manual Integrations APPROVED
mohammad
2/18/2021 1:40:47 PM

Quant Time: Feb 18 13:57:06 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP020821MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Feb 15 12:16:19 2021
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)	
1) 1,4-Dichlorobenzene-d4	7.78	152	49393	20.00	ng/ul	0.00	
18) Naphthalene-d8	10.57	136	196433	20.00	ng/ul	0.00	
36) Acenaphthene-d10	14.42	164	123973	20.00	ng/ul	0.00	
62) Phenanthrene-d10	17.17	188	264756	20.00	ng/ul	0.00	
78) Chrysene-d12	21.26	240	280321	20.00	ng/ul	0.00	
86) Perylene-d12	23.57	264	281370	20.00	ng/ul	0.00	
System Monitoring Compounds							
3) 1,4-Dioxane-d8	3.24	96	70	0.05	ng/uL	-0.01	
5) Phenol-d5	6.96	99	463m >	0.12	ng/ul >	0.02	02/26/21JU
7) Bis-(2-Chloroethyl)ether-d	7.11	67	1034	0.50	ng/ul	0.01	
9) 2-Chlorophenol-d4	7.32	132	1668	0.56	ng/ul	0.02	
13) 4-Methylphenol-d8	8.49	113	871	0.28	ng/ul	0.02	
19) Nitrobenzene-d5	8.94	128	843m >	0.62	ng/ul >	0.02	02/26/21JU
22) 2-Nitrophenol-d4	9.65	143	805	0.54	ng/ul	0.01	
26) 2,4-Dichlorophenol-d3	10.20	165	1430	0.48	ng/ul	0.02	
29) 4-Chloroaniline-d4	10.75	131	298m >	0.09	ng/ul >	0.05	02/26/21JU
44) Dimethylphthalate-d6	13.83	166	6421	0.71	ng/ul	0.01	
47) Acenaphthylene-d8	14.11	160	6861	0.63	ng/ul	0.00	
52) 4-Nitrophenol-d4	0.00	143	0d	0.00	ng/ul		
58) Fluorene-d10	15.42	176	5691	0.74	ng/ul	0.00	
63) 4,6-Dinitro-2-methylphenol	0.00	200	0d	0.00	ng/ul		
71) Anthracene-d10	17.27	188	11494m>	0.98	ng/ul >	0.00	02/26/21JU
79) Pyrene-d10	19.52	212	11091	0.85	ng/ul	0.01	
90) Benzo(a)pyrene-d12	23.42	264	11066	0.78	ng/ul	0.00	
Target Compounds						Qvalue	
28) Naphthalene	10.62	128	207656	20.536	ng/ul	97	
34) 2-Methylnaphthalene	12.23	142	12639	1.734	ng/ul	98	
50) Acenaphthene	14.49	153	10752	1.401	ng/ul	93	
54) Dibenzofuran	14.82	168	12740	1.161	ng/ul	92	
75) Carbazole	17.59	167	17622	1.403	ng/ul	95	

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