Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP121420\
Data File : BP004274.D
Acq On : 14 Dec 2020 15:11
Operator : CG/JU
Sample : L5000-02MS
Misc :
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Dec 15 00:18:06 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP121020MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Dec 10 13:52:32 2020
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
A54A1MS

Manual Integrations APPROVED
mohammad
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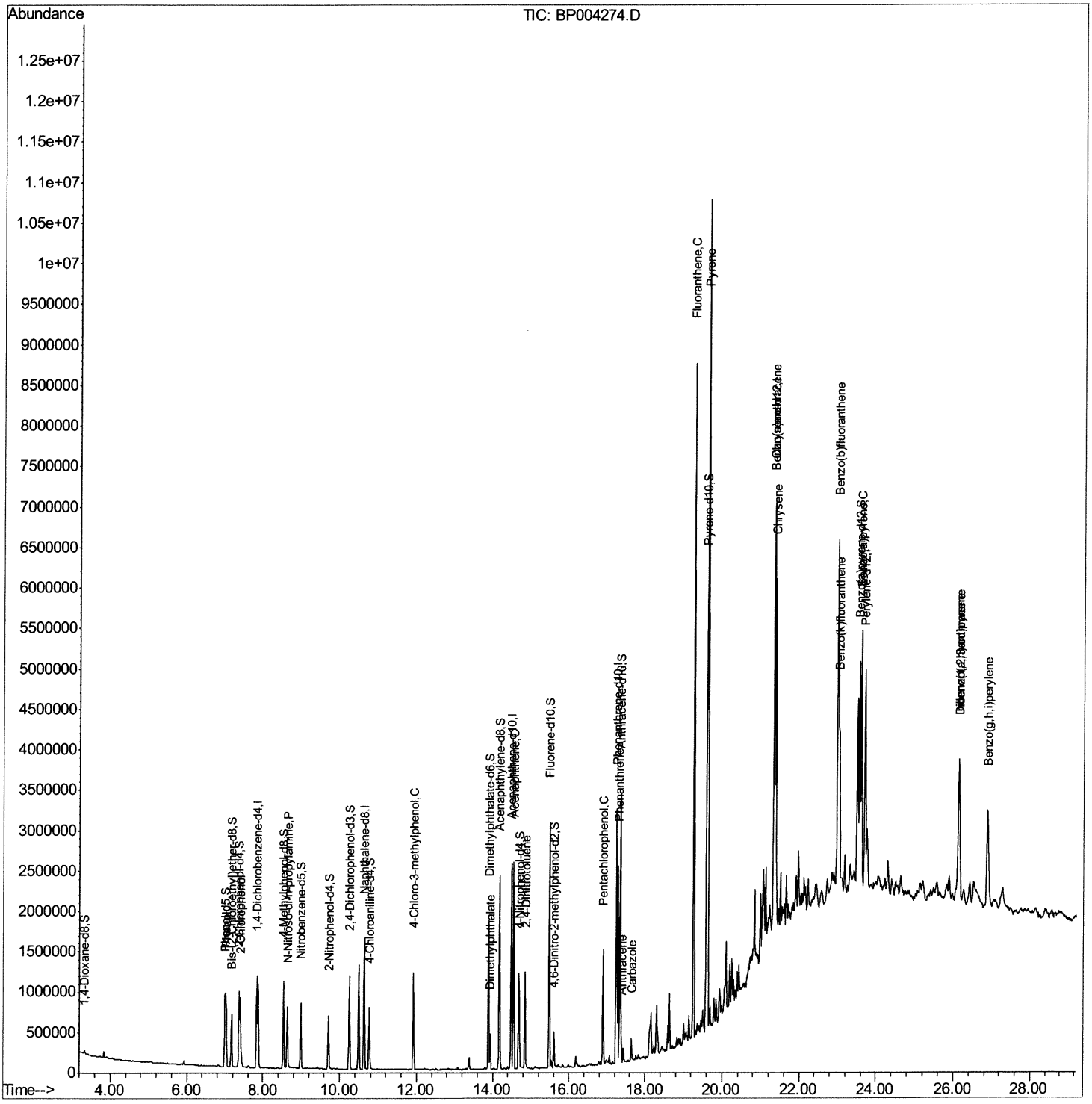

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA P\Data\BP121420\
Data File : BP004273.D
Acq On : 14 Dec 2020 14:37
Operator : CG/JU
Sample : L5000-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Dec 14 15:45:25 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP121020MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Dec 14 15:30:59 2020
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
A54A1MS

Manual Integrations APPROVED
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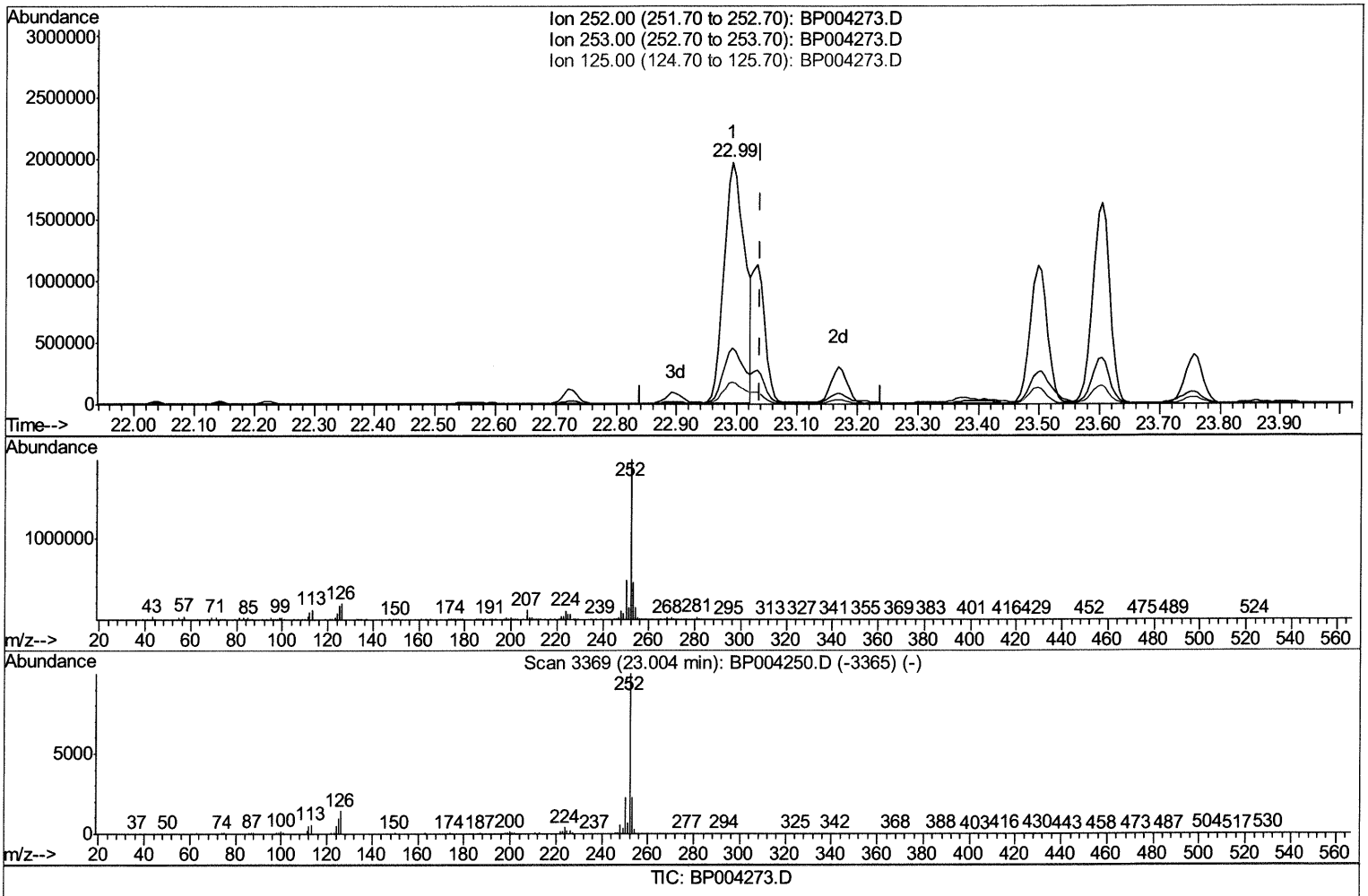

TIC: BP004273.D

(89) Benzo(k)fluoranthene

22.992min (-0.047) 33.95ng/ul

response 4774039

Ion	Exp%	Act%
252.00	100	100
253.00	21.80	23.36
125.00	9.10	8.99
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA P\Data\BP121420\
Data File : BP004273.D
Acq On : 14 Dec 2020 14:37
Operator : CG/JU
Sample : L5000-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Dec 14 15:45:25 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP121020MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Dec 14 15:30:59 2020
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
A54A1MS

Manual Integrations APPROVED
mohammad
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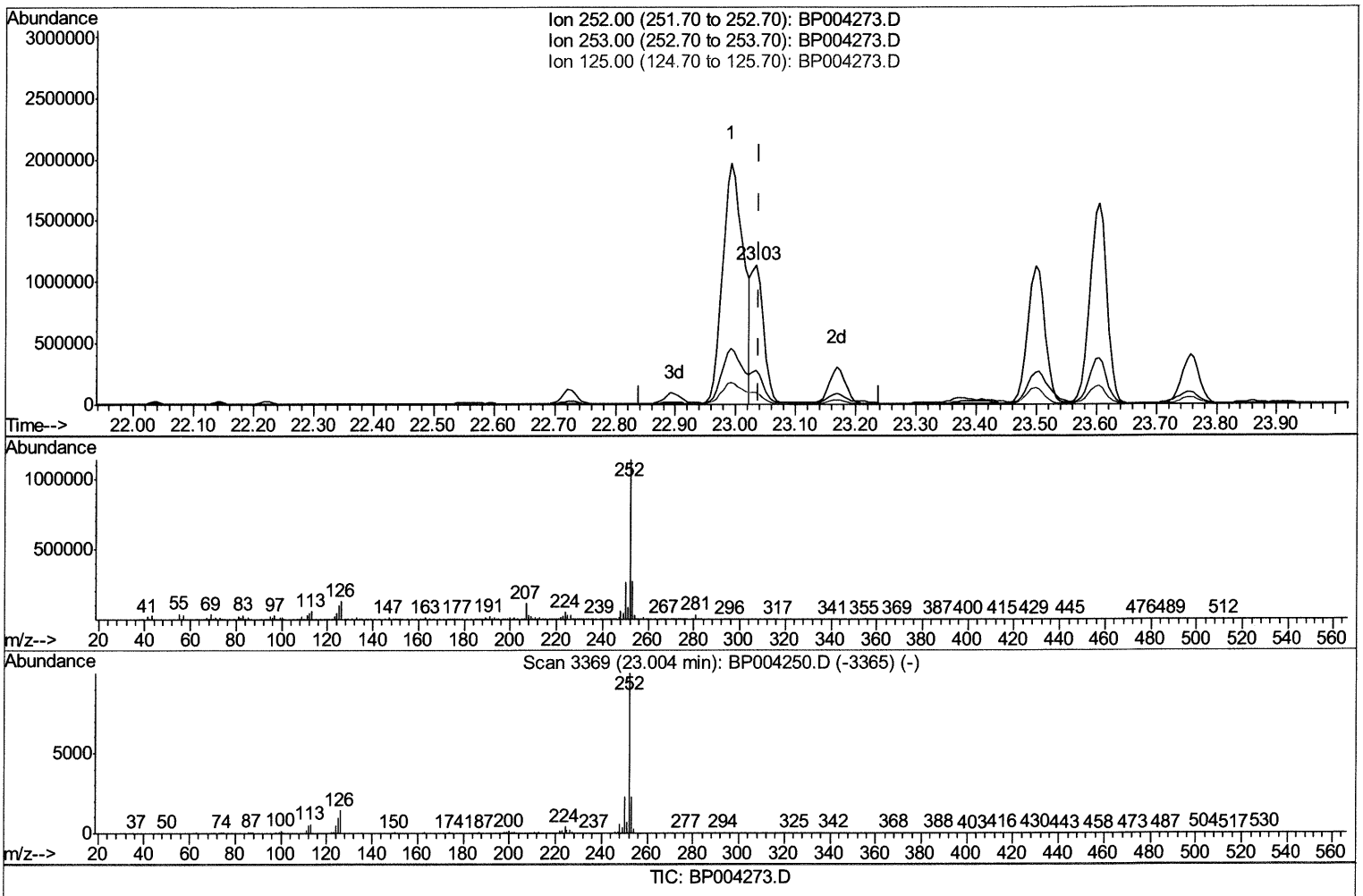


TIC: BP004273.D

(89) Benzo(k)fluoranthene

23.033min (-0.006) 11.47ng/ul m 12/14/2020

response 1613501

Ion	Exp%	Act%
252.00	100	100
253.00	21.80	24.29
125.00	9.10	8.73
0.00	0.00	0.00

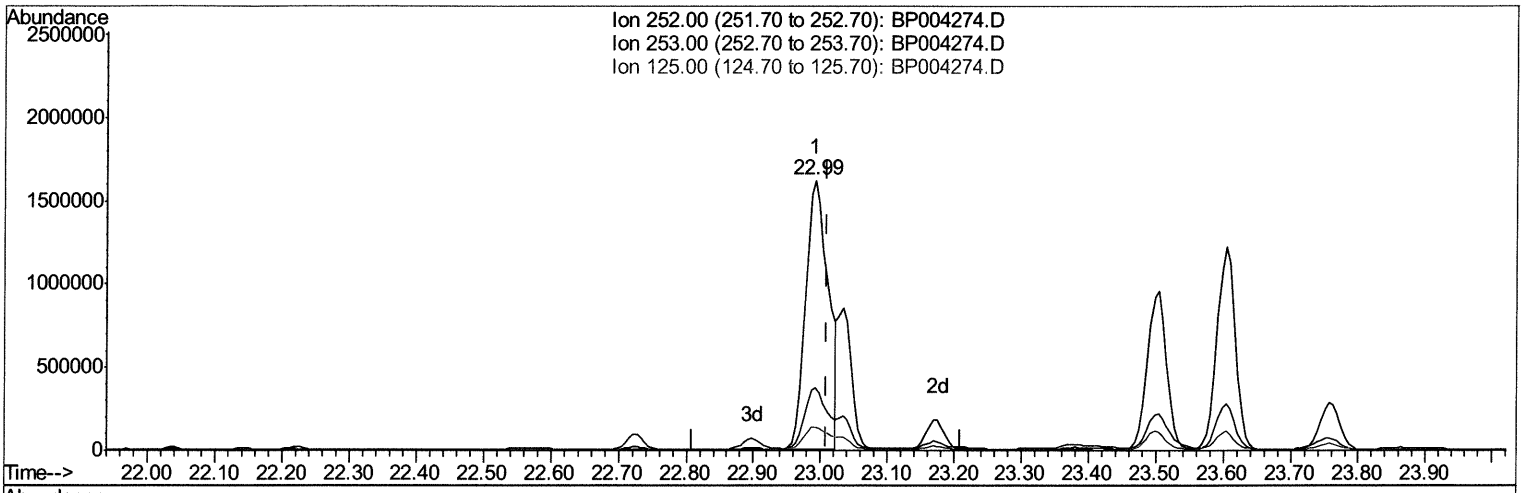
Quantitation Report (Qedit)

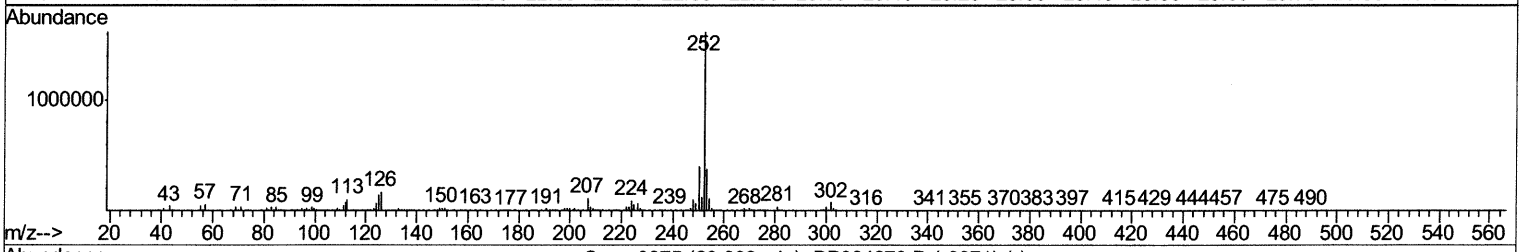
Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP121420\
Data File : BP004274.D
Acq On : 14 Dec 2020 15:11
Operator : CG/JU
Sample : L5000-02MS
Misc :
ALS Vial : 9 Sample Multiplier: 1

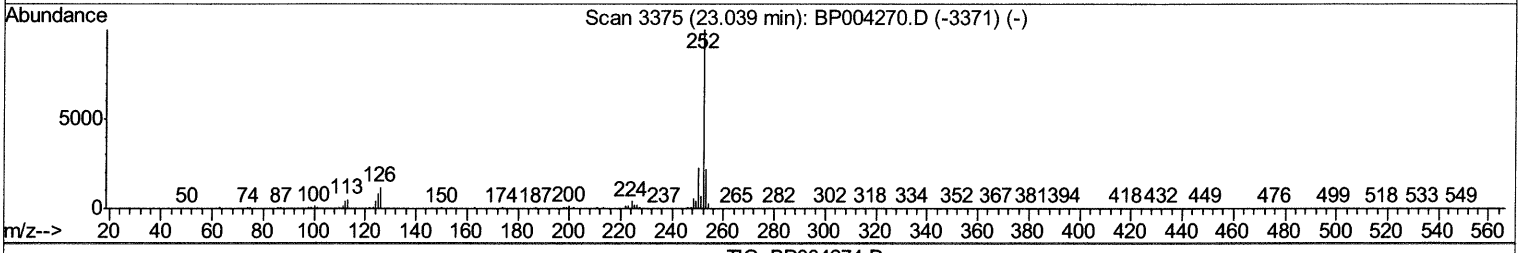
Quant Time: Dec 15 00:16:41 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP121020MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Dec 10 13:52:32 2020
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
A54A1MS

Manual Integrations APPROVED
mohammad
12/17/2020 9:51:32 AM







TIC: BP004274.D

(89) Benzo(k)fluoranthene

22.992min (-0.018) 27.00ng/ul

response 3828354

Ion	Exp%	Act%
252.00	100	100
253.00	21.80	23.32
125.00	9.10	8.70
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP121420\
Data File : BP004274.D
Acq On : 14 Dec 2020 15:11
Operator : CG/JU
Sample : L5000-02MS
Misc :
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Dec 15 00:16:41 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP121020MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Dec 10 13:52:32 2020
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
A54A1MS

Manual Integrations APPROVED
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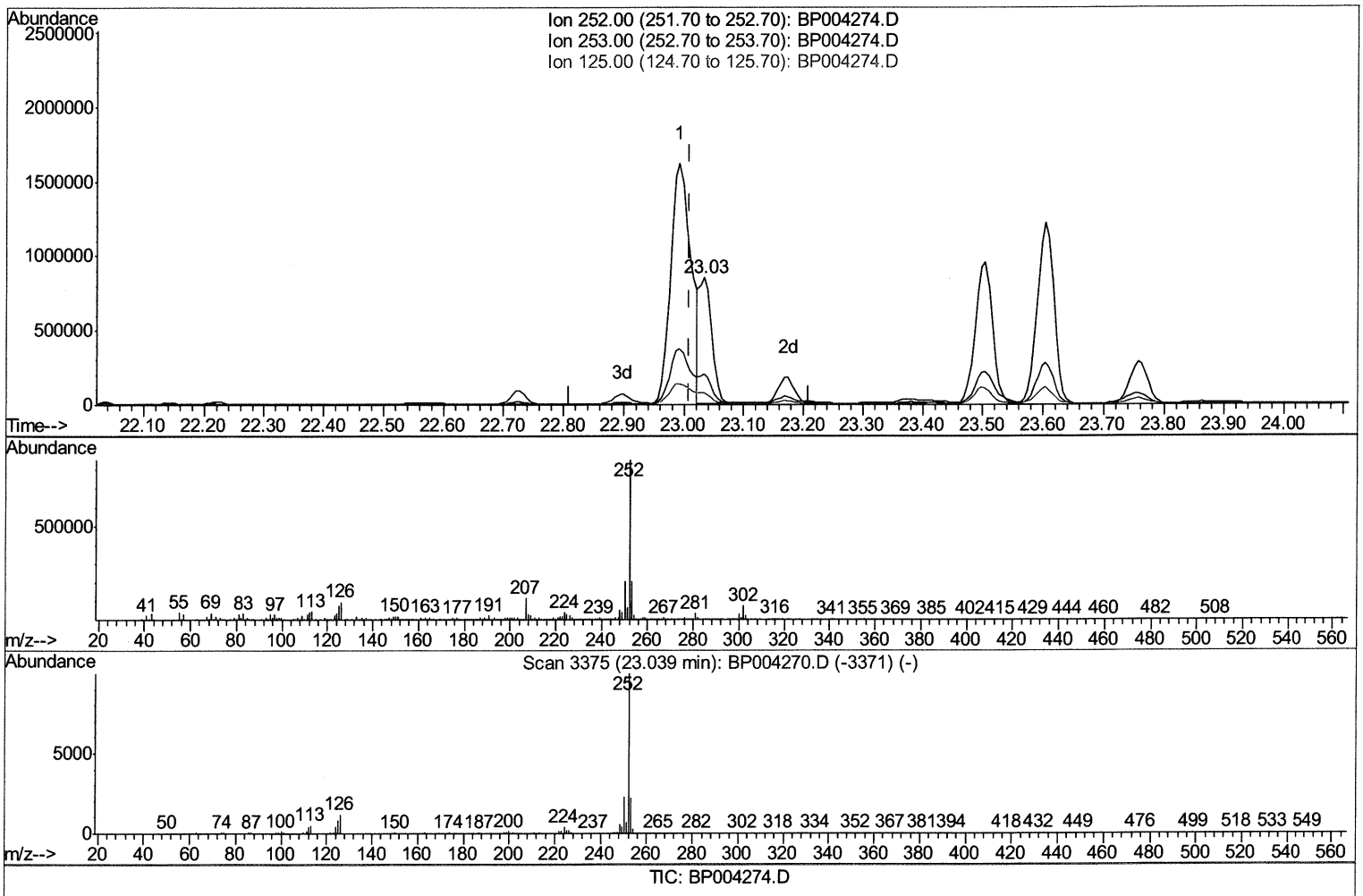

TIC: BP004274.D

(89) Benzo(k)fluoranthene

23.033min (+0.024) 8.51ng/ul m 12/14/20 JU

response 1206688

Ion	Exp%	Act%
252.00	100	100
253.00	21.80	23.76
125.00	9.10	9.18
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP121420\
Data File : BP004274.D
Acq On : 14 Dec 2020 15:11
Operator : CG/JU
Sample : L5000-02MS
Misc :
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Dec 15 00:18:06 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP121020MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Dec 10 13:52:32 2020
Response via : Initial Calibration

Instrument : BNA_P
ClientSampleId : A54A1MS

Manual Integrations APPROVED
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.84	152	328325	20.00	ng/ul	0.00
18) Naphthalene-d8	10.63	136	1394648	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.49	164	907675	20.00	ng/ul	0.01
62) Phenanthrene-d10	17.25	188	1973758	20.00	ng/ul	0.01
78) Chrysene-d12	21.34	240	1917260	20.00	ng/ul	0.02
86) Perylene-d12	23.70	264	2176918	20.00	ng/ul	0.03
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.33	96	24267	2.60	ng/uL	0.00
5) Phenol-d5	7.00	99	534780	19.69	ng/ul	0.01
7) Bis-(2-Chloroethyl)ether-d	7.17	67	284182	16.76	ng/ul	0.00
9) 2-Chlorophenol-d4	7.37	132	440918	21.39	ng/ul	0.00
13) 4-Methylphenol-d8	8.54	113	417232	20.33	ng/ul	0.01
19) Nitrobenzene-d5	8.99	128	220429	19.30	ng/ul	0.01
22) 2-Nitrophenol-d4	9.72	143	245708	26.08	ng/ul	0.01
26) 2,4-Dichlorophenol-d3	10.25	165	466830	22.54	ng/ul	0.01
29) 4-Chloroaniline-d4	10.76	131	447973	17.45	ng/ul	0.00
44) Dimethylphthalate-d6	13.89	166	1356359	19.55	ng/ul	0.01
47) Acenaphthylene-d8	14.17	160	1780306	20.11	ng/ul	0.01
52) 4-Nitrophenol-d4	14.68	143	202130	17.25	ng/ul	0.02
58) Fluorene-d10	15.48	176	1224202	19.48	ng/ul	0.01
63) 4,6-Dinitro-2-methylphenol	15.60	200	108249	11.43	ng/ul	0.02
71) Anthracene-d10	17.35	188	1935449	20.12	ng/ul	0.01
79) Pyrene-d10	19.59	212	2207025	22.10	ng/ul	0.02
90) Benzo(a)pyrene-d12	23.56	264	2388684	20.83	ng/ul	0.04
Target Compounds						Qvalue
6) Phenol	7.03	94	538242	18.980	ng/ul	100
10) 2-Chlorophenol	7.40	128	400903	18.551	ng/ul	96
15) N-Nitroso-di-n-propylamine	8.64	70	295413	18.792	ng/ul	97
33) 4-Chloro-3-methylphenol	11.92	107	440175	22.273	ng/ul	99
45) Dimethylphthalate	13.93	163	288778	4.087	ng/ul	100
50) Acenaphthene	14.55	153	1089074	17.505	ng/ul	99
53) 4-Nitrophenol	14.69	109	151557	17.526	ng/ul	96
55) 2,4-Dinitrotoluene	14.85	165	366532	19.629	ng/ul	97
69) Pentachlorophenol	16.89	266	265762	20.995	ng/ul	99
70) Phenanthrene	17.29	178	1485545	12.758	ng/ul	100
72) Anthracene	17.38	178	191476	1.662	ng/ul	99
75) Carbazole	17.65	167	187536	2.000	ng/ul	97
77) Fluoranthene	19.26	202	4963729	39.922	ng/ul	96
80) Pyrene	19.62	202	6335208	48.985	ng/ul	96
83) Benzo(a)anthracene	21.32	228	1926261	15.242	ng/ul	98
85) Chrysene	21.37	228	2544522	20.524	ng/ul	98
88) Benzo(b)fluoranthene	22.99	252	3828354	27.731	ng/ul	97
89) Benzo(k)fluoranthene	23.03	252	1206688m>	8.511	ng/ul >	12/21/20 JU
91) Benzo(a)pyrene	23.60	252	2326407	18.059	ng/ul	98
92) Indeno(1,2,3-cd)pyrene	26.14	276	2004843	12.409	ng/ul	98
93) Dibenzo(a,h)anthracene	26.15	278	451051	3.331	ng/ul#	90
94) Benzo(g,h,i)perylene	26.89	276	1647381	12.154	ng/ul	95

Quantitation Report (QT Reviewed)

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Misc :
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Quant Time: Dec 15 00:18:06 2020
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Quant Title : SVOA CALIBRATION
QLast Update : Thu Dec 10 13:52:32 2020
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
A54A1MS

Manual Integrations APPROVED
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12/17/2020 9:51:32 AM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

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