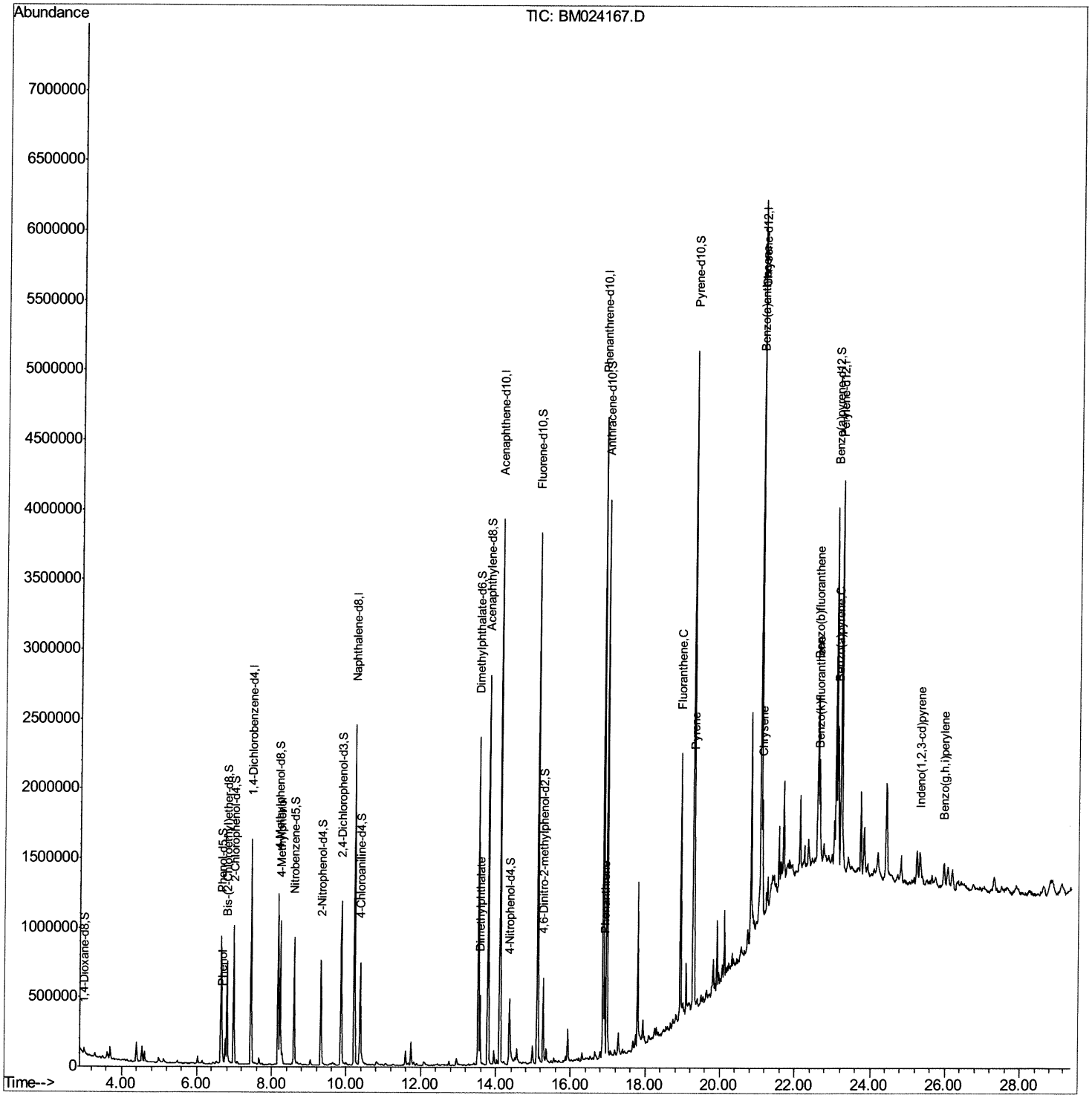
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM121719\
Data File : BM024167.D
Acq On : 18 Dec 2019 23:59
Operator : JU
Sample : K6171-10
Misc :
ALS Vial : 41 Sample Multiplier: 1

Quant Time: Dec 19 03:55:00 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM121719MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Dec 17 15:54:50 2019
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
C0BT2

Manual Integrations APPROVED
mohammad
12/19/2019 11:16:12 AM



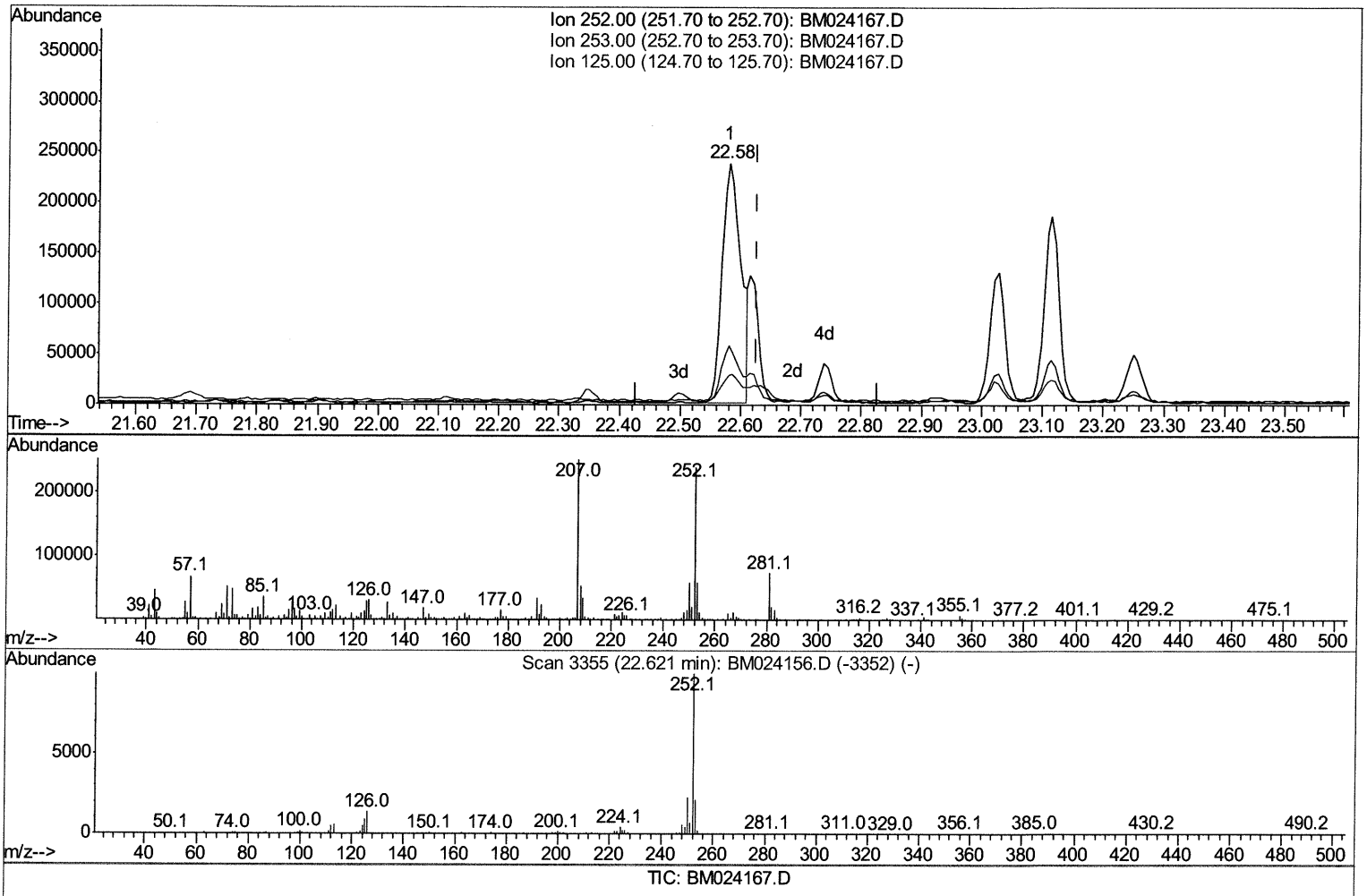
Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM121719\
Data File : BM024167.D
Acq On : 18 Dec 2019 23:59
Operator : JU
Sample : K6171-10
Misc :
ALS Vial : 41 Sample Multiplier: 1

Quant Time: Dec 19 02:43:41 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM121719MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Dec 17 15:54:50 2019
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
C0BT2

Manual Integrations APPROVED
mohammad
12/19/2019 11:16:12 AM



TIC: BM024167.D

(89) Benzo(k)fluoranthene

22.580min (-0.048) 4.66ng/ul

response 513664

Ion	Exp%	Act%
252.00	100	100
253.00	22.30	24.38
125.00	9.90	12.39#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM121719\
Data File : BM024167.D
Acq On : 18 Dec 2019 23:59
Operator : JU
Sample : K6171-10
Misc :
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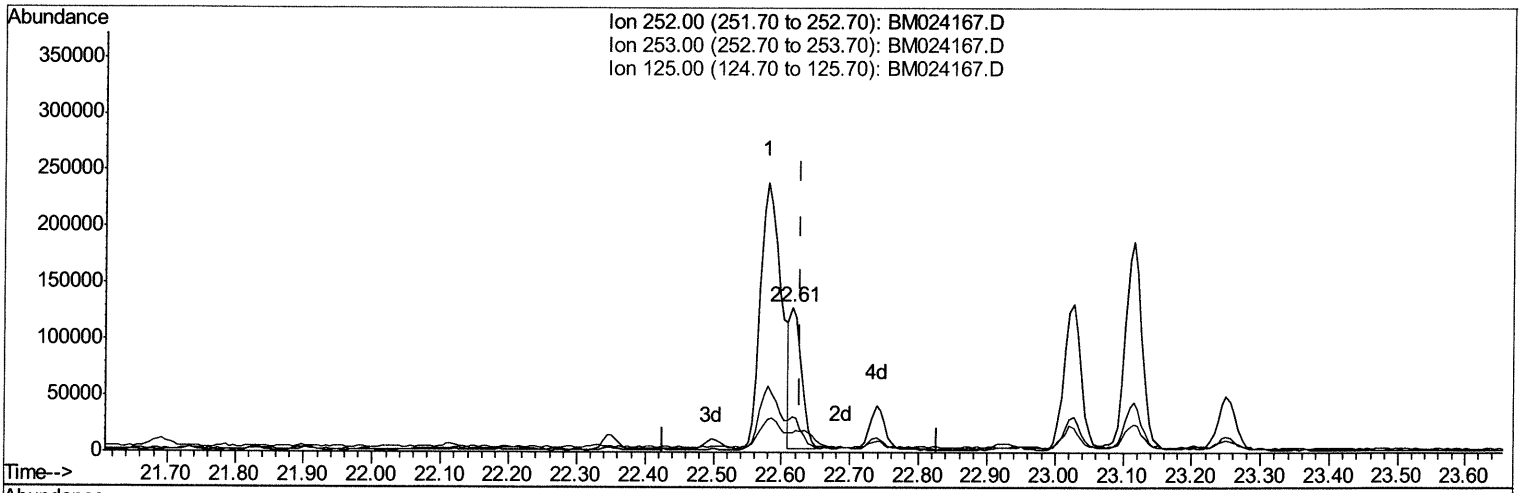
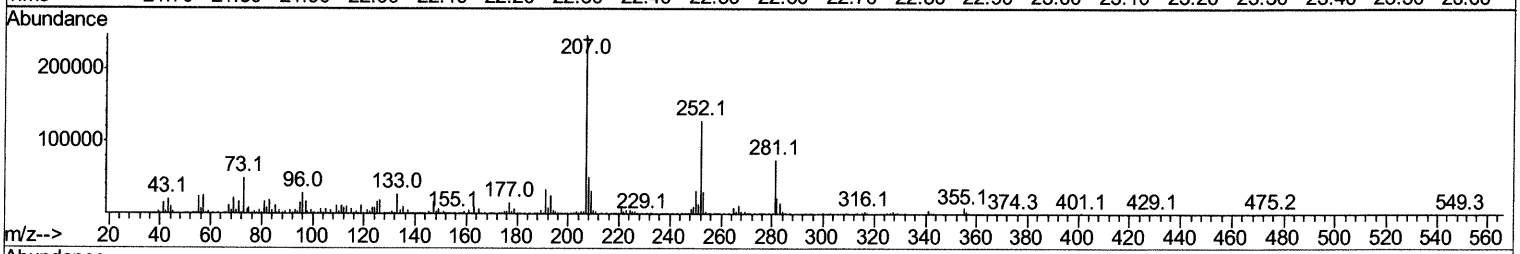
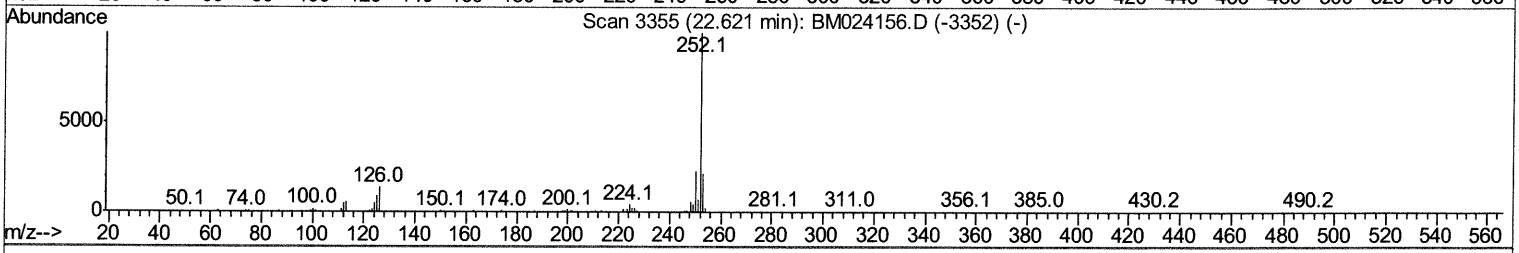
Quant Title : SVOA CALIBRATION
QLast Update : Tue Dec 17 15:54:50 2019
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
C0BT2

Manual Integrations APPROVED
mohammad
12/19/2019 11:16:12 AM







TIC: BM024167.D

(89) Benzo(k)fluoranthene

22.615min (-0.012) 1.26ng/ul m JU 12/20/19

response 138592

Ion	Exp%	Act%
252.00	100	100
253.00	22.30	24.24
125.00	9.90	13.29#
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM121719\
Data File : BM024167.D
Acq On : 18 Dec 2019 23:59
Operator : JU
Sample : K6171-10
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0BT2

Manual Integrations APPROVED
mohammad
12/19/2019 11:16:12 AM

Quant Time: Dec 19 03:55:00 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM121719MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Dec 17 15:54:50 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.45	152	437608	20.00	ng/ul	0.00
18) Naphthalene-d8	10.22	136	1993804	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.11	164	1282471	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.86	188	2633272	20.00	ng/ul	0.00
78) Chrysene-d12	21.07	240	1926144	20.00	ng/ul	0.00
86) Perylene-d12	23.20	264	1879524	20.00	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.01	96	26095	2.63	ng/uL	0.00
5) Phenol-d5	6.65	99	580814	14.02	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.80	67	348075	14.01	ng/ul	0.00
9) 2-Chlorophenol-d4	6.99	132	454493	15.38	ng/ul	0.00
13) 4-Methylphenol-d8	8.17	113	473660	13.98	ng/ul	0.00
19) Nitrobenzene-d5	8.60	128	224209	15.65	ng/ul	0.00
22) 2-Nitrophenol-d4	9.32	143	248261	15.76	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.86	165	481287	15.72	ng/ul	0.00
29) 4-Chloroaniline-d4	10.37	131	446092	11.99	ng/ul	0.00
44) Dimethylphthalate-d6	13.53	166	1535544	16.19	ng/ul	0.00
47) Acenaphthylene-d8	13.80	160	1875407	16.50	ng/ul	0.00
52) 4-Nitrophenol-d4	14.36	143	170884	10.04	ng/ul	0.00
58) Fluorene-d10	15.11	176	1393424	16.76	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.26	200	130643	8.13	ng/ul	0.00
71) Anthracene-d10	16.96	188	2117540	17.67	ng/ul	0.00
79) Pyrene-d10	19.27	212	2221396	24.21	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.07	264	1759036	18.84	ng/ul	0.00
Target Compounds						Qvalue
6) Phenol	6.67	94	64991	1.519	ng/ul	97
16) 4-Methylphenol	8.23	108	392876	11.124	ng/ul	86
45) Dimethylphthalate	13.58	163	307537	3.120	ng/ul	98
70) Phenanthrene	16.90	178	316957	2.150	ng/ul	100
77) Fluoranthene	18.93	202	1101195	6.853	ng/ul	100
80) Pyrene	19.30	202	884056	7.030	ng/ul	100
83) Benzo(a)anthracene	21.06	228	407875	3.324	ng/ul	99
85) Chrysene	21.11	228	412838	3.432	ng/ul	97
88) Benzo(b)fluoranthene	22.58	252	513664	4.568	ng/ul#	94
89) Benzo(k)fluoranthene	22.61	252	138592m >	1.256	ng/ul >	JU 12/20/19
91) Benzo(a)pyrene	23.11	252	317166	3.118	ng/ul#	94
92) Indeno(1,2,3-cd)pyrene	25.31	276	226388	1.853	ng/ul	96
94) Benzo(g,h,i)perylene	25.95	276	225059	2.256	ng/ul	97

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