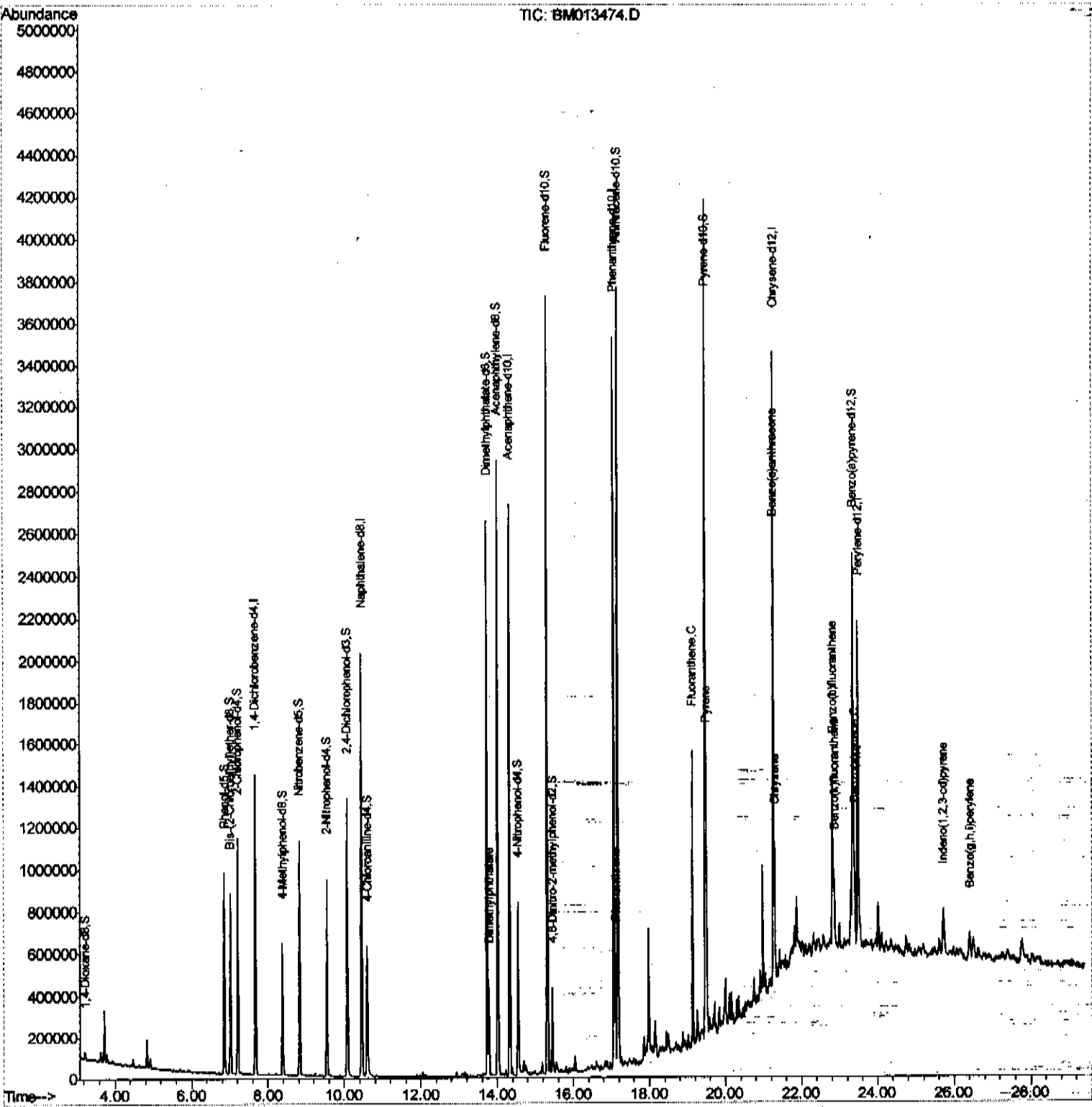


Data File : BM013474.D
Acq On : 16 Dec 2017 12:22
Operator : SJ/JU
Sample : I6799-13
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampled :
C02E1

Manual Integrations
APPROVED
Sohil
12/18/2017 2:10:40 PM

Quant Time: Dec 18 02:58:18 2017
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM113017.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Dec 16 00:23:08 2017
Response via : Initial Calibration

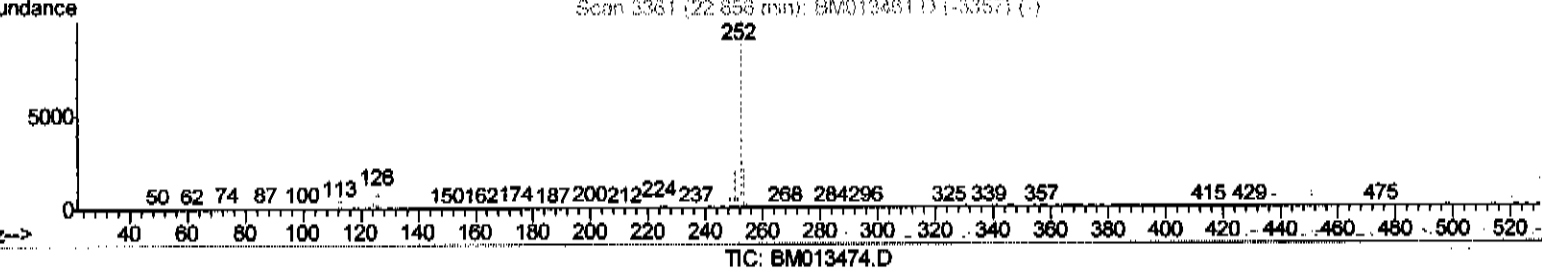
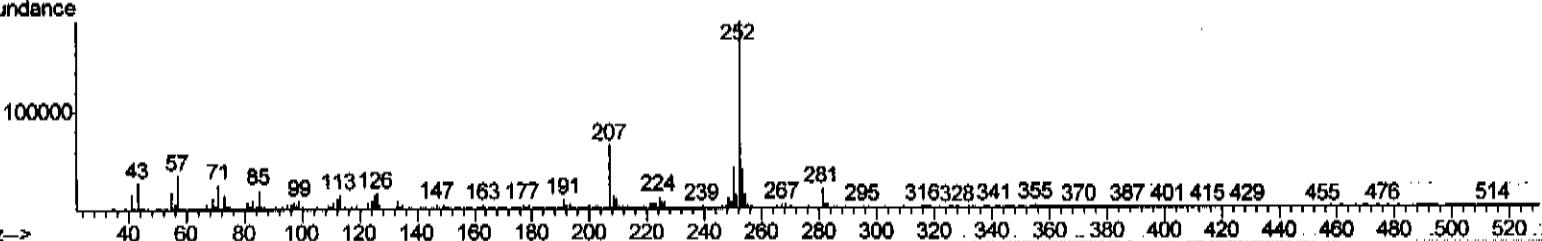
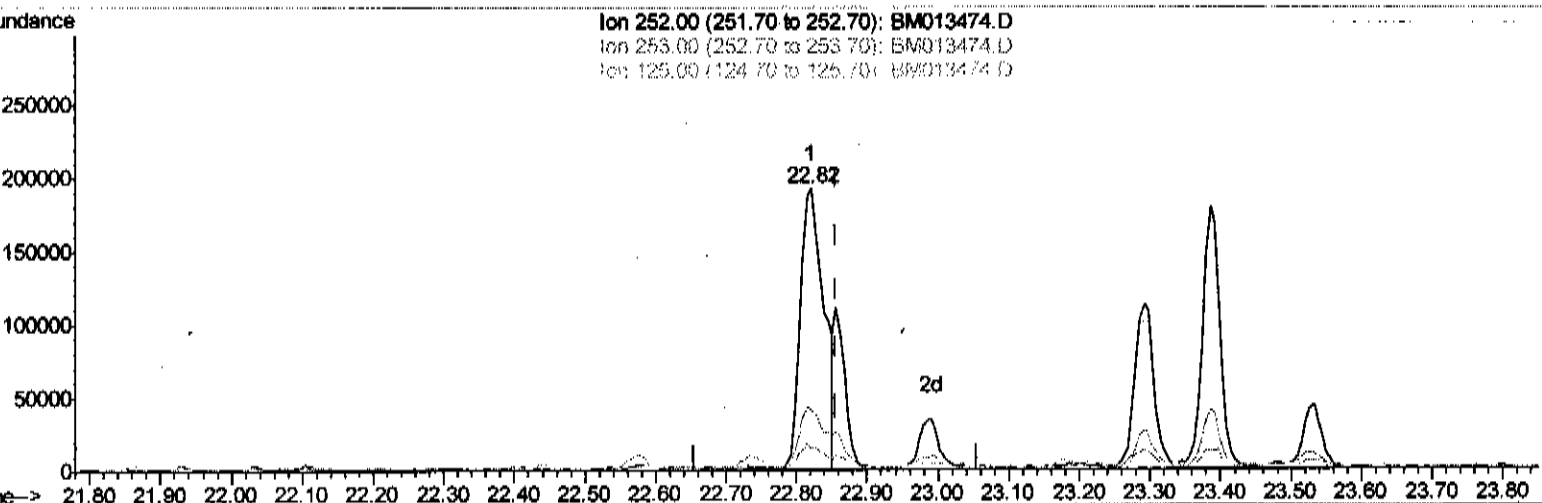


Data File : BM013474.D
Acq On : 16 Dec 2017 12:22
Operator : SJ/JU
Sample : I6799-13
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampled :
C02E1

Manual Integrations
APPROVED
Sohil
12/18/2017 2:10:40 PM

Quant Time: Dec 18 00:30:56 2017
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM113017.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Dec 16 00:23:08 2017
Response via : Initial Calibration

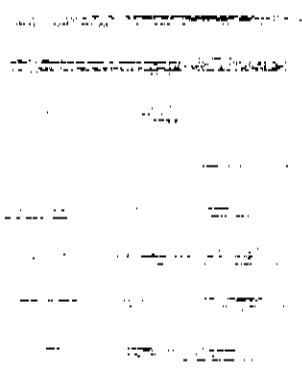


(86) Benzo(k)fluoranthene

22.821min (-0.035) 6.01ng/ui

response 444905

Ion	Exp%	Act%
252.00	100	100
253.00	21.40	21.32
125.00	4.30	7.56#
0.00	0.00	0.00

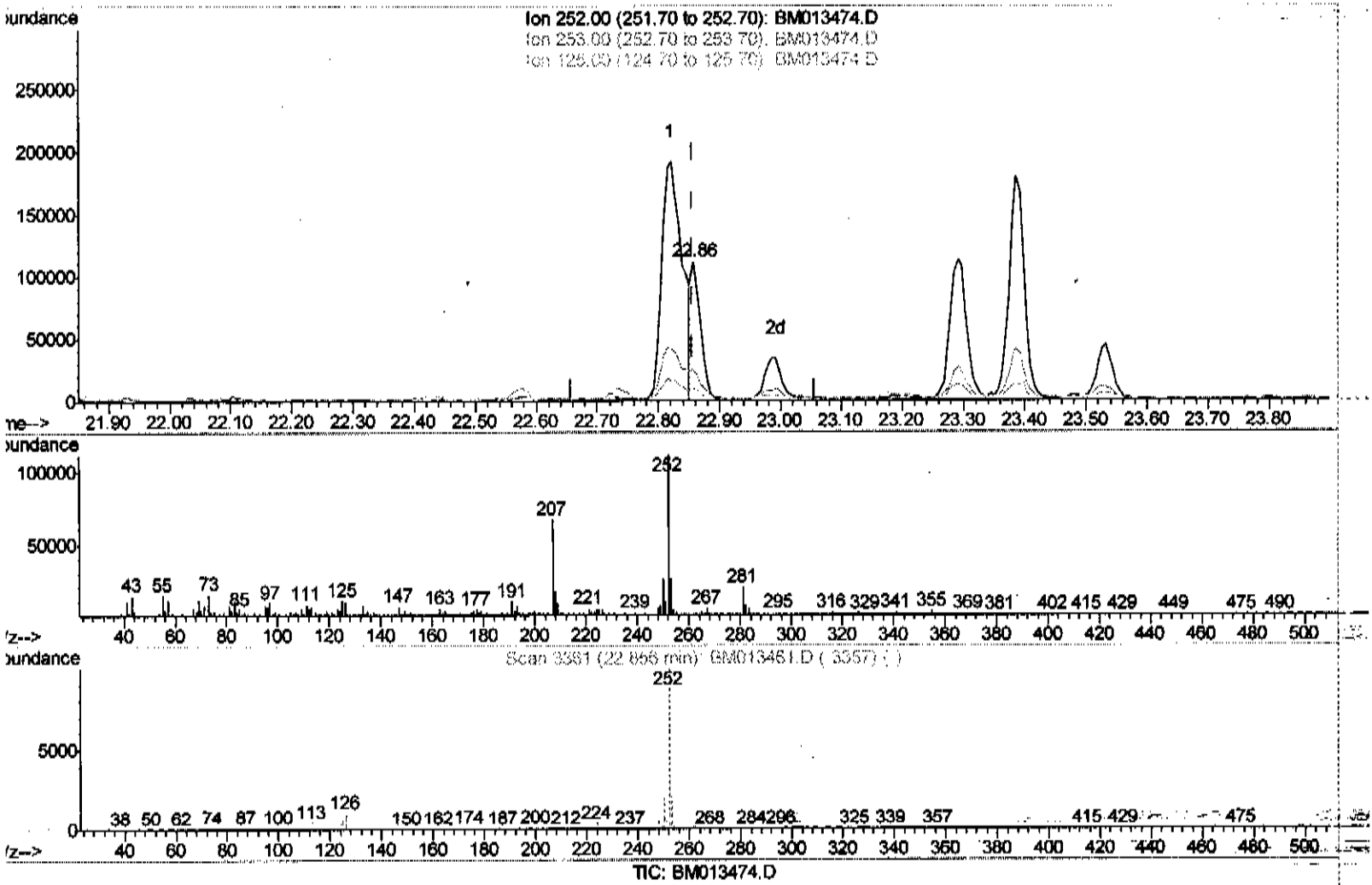


Data File : BM013474.D
Acq On : 16 Dec 2017 12:22
Operator : SJ/JU
Sample : I6799-13
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampled :
C02E1

Manual Integrations
APPROVED
Sohil
12/18/2017 2:10:40 PM

Quant Time: Dec 18 00:30:56 2017
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM113017.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Dec 16 00:23:08 2017
Response via : Initial Calibration



(86) Benzo(k)fluoranthene

22.856min (-0.000) 1.57ng/ul m *SJ 12/18/17*

response 116239

Ion	Exp%	Act%
252.00	100	100
253.00	21.40	22.70
125.00	4.30	9.80
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM121517\

Quantitation Report (QT Reviewed)

Data File : BM013474.D

Acq On : 16 Dec 2017 12:22

Operator : SJ/JU

Sample : I6799-13

Misc :

ALS Vial : 31 Sample Multiplier: 1

Instrument :

BNA_M

ClientSampleId :

C02E1

Manual Integrations

APPROVED

Sohil

12/18/2017 2:10:40 PM

Quant Time: Dec 18 02:58:18 2017

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM113017.M

Quant Title : SVOA CALIBRATION

Last Update : Sat Dec 16 00:23:08 2017

Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.67	152	370168	20.00	ng/ul	0.00
18) Naphthalene-d8	10.45	136	1605979	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.32	164	910628	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.07	188	1891929	20.00	ng/ul	0.00
75) Chrysene-d12	21.26	240	1323610	20.00	ng/ul	0.00
83) Perylene-d12	23.49	264	1166871	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.22	96	21001	2.81	ng/uL	0.00
5) Phenol-d5	6.86	99	528361	16.50	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.02	67	347263	19.01	ng/ul	0.00
9) 2-Chlorophenol-d4	7.21	132	471919	18.86	ng/ul	0.00
13) 4-Methylphenol-d8	8.39	113	227846	8.33	ng/ul	0.00
19) Nitrobenzene-d5	8.83	128	258093	20.26	ng/ul	0.00
22) 2-Nitrophenol-d4	9.55	143	277690	20.37	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.08	165	479956	17.09	ng/ul	0.00
29) 4-Chloroaniline-d4	10.60	131	350438	13.57	ng/ul	0.00
43) Dimethylphthalate-d6	13.73	166	1642071	20.26	ng/ul	0.00
46) Acenaphthylene-d8	14.01	160	2063981	20.64	ng/ul	0.00
51) 4-Nitrophenol-d4	14.54	143	208466	14.81	ng/ul	0.00
57) Fluorene-d10	15.32	176	1396591	20.04	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.44	200	83405	7.01	ng/ul	0.00
70) Anthracene-d10	17.17	188	2023108	21.35	ng/ul	0.00
76) Pyrene-d10	19.47	212	1895639	28.75	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.34	264	1298674	21.85	ng/ul	0.00

Target Compounds

					Qvalue
44) Dimethylphthalate	13.78	163	236750	3.05 ng/ul	98
69) Phenanthrene	17.11	178	290505	2.70 ng/ul	99
74) Fluoranthene	19.13	202	826893	6.28 ng/ul#	89
77) Pyrene	19.49	202	738170	9.18 ng/ul#	90
80) Benzo(a)anthracene	21.24	228	355476	4.23 ng/ul	98
82) Chrysene	21.30	228	344846	4.43 ng/ul	96
85) Benzo(b)fluoranthene	22.82	252	444905	5.66 ng/ul#	97
86) Benzo(k)fluoranthene	22.86	252	116239m	1.57 ng/ul	98
88) Benzo(a)pyrene	23.39	252	303156	4.29 ng/ul#	98
89) Indeno(1,2,3-cd)pyrene	25.71	276	208426	2.97 ng/ul#	96
91) Benzo(g,h,i)perylene	26.40	276	175443	3.17 ng/ul#	89

SJ 12/18/17

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