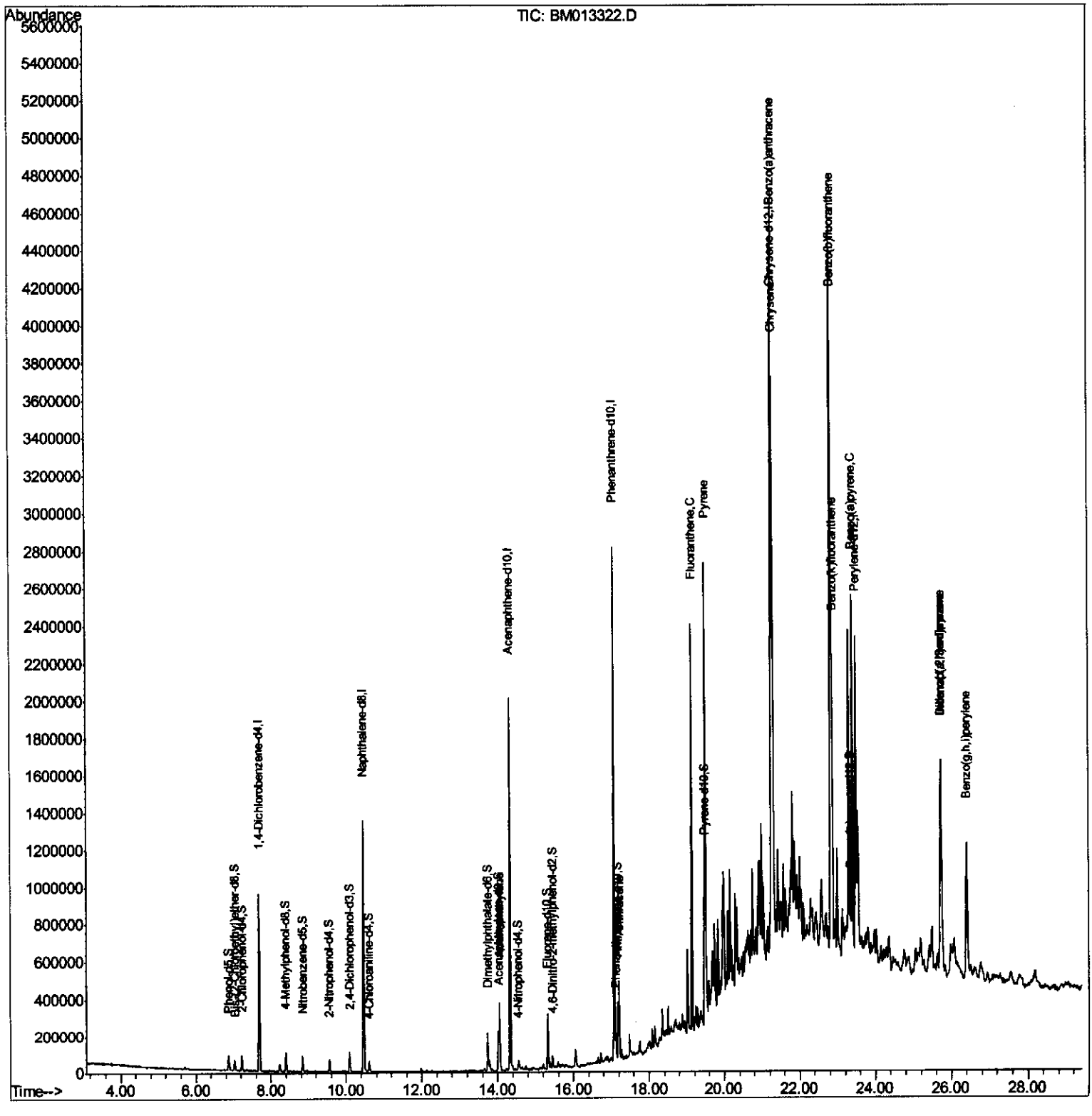
Data Path : Z:\HPCHEM1\BNA M\DATA\BM121117\
Data File : BM013322.D
Acq On : 12 Dec 2017 01:57
Operator : SJ/JU
Sample : I6758-07 10X
Misc :
ALS Vial : 25 Sample Multiplier: 1

Quant Time: Dec 12 04:27:24 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM113017.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Dec 12 02:07:09 2017
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
F9B08

Manual Integrations APPROVED
Sohil
12/12/2017 3:57:20 PM



Quantitation Report (Quan)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM121117\
Data File : BM013322.D
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Quant Title : SVOA CALIBRATION
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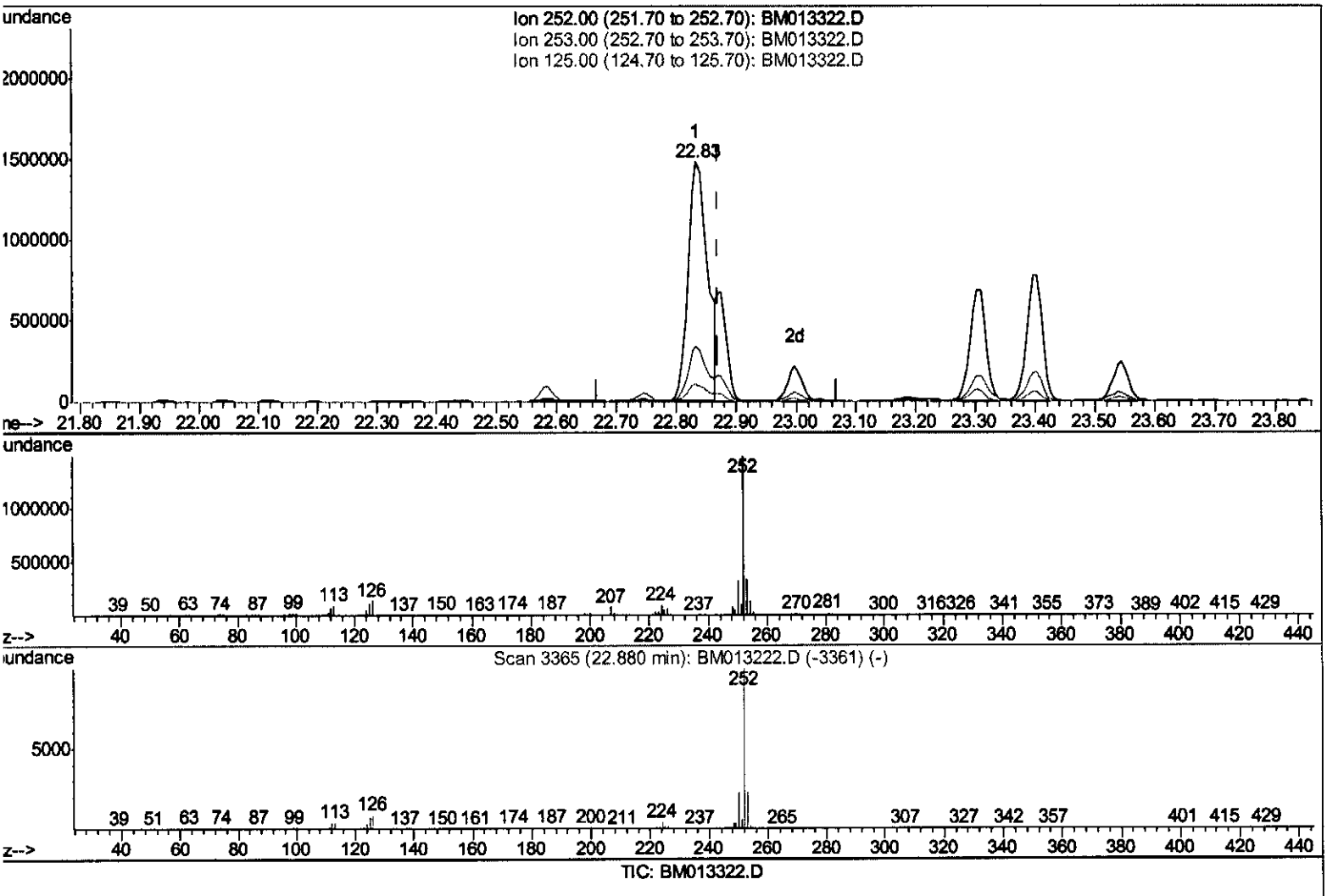
Instrument :
BNA_M
ClientSampleId :
F9B08

Manual Integrations APPROVED
Sohil
12/12/2017 3:57:20 PM



TIC: BM013322.D

(86) Benzo(k)fluoranthene

22.833min (-0.036) 41.41ng/ul

response 3256845

Ion	Exp%	Act%
252.00	100	100
253.00	21.40	22.80
125.00	4.30	7.47#
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA M\DATA\BM121117\
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Quant Title : SVOA CALIBRATION
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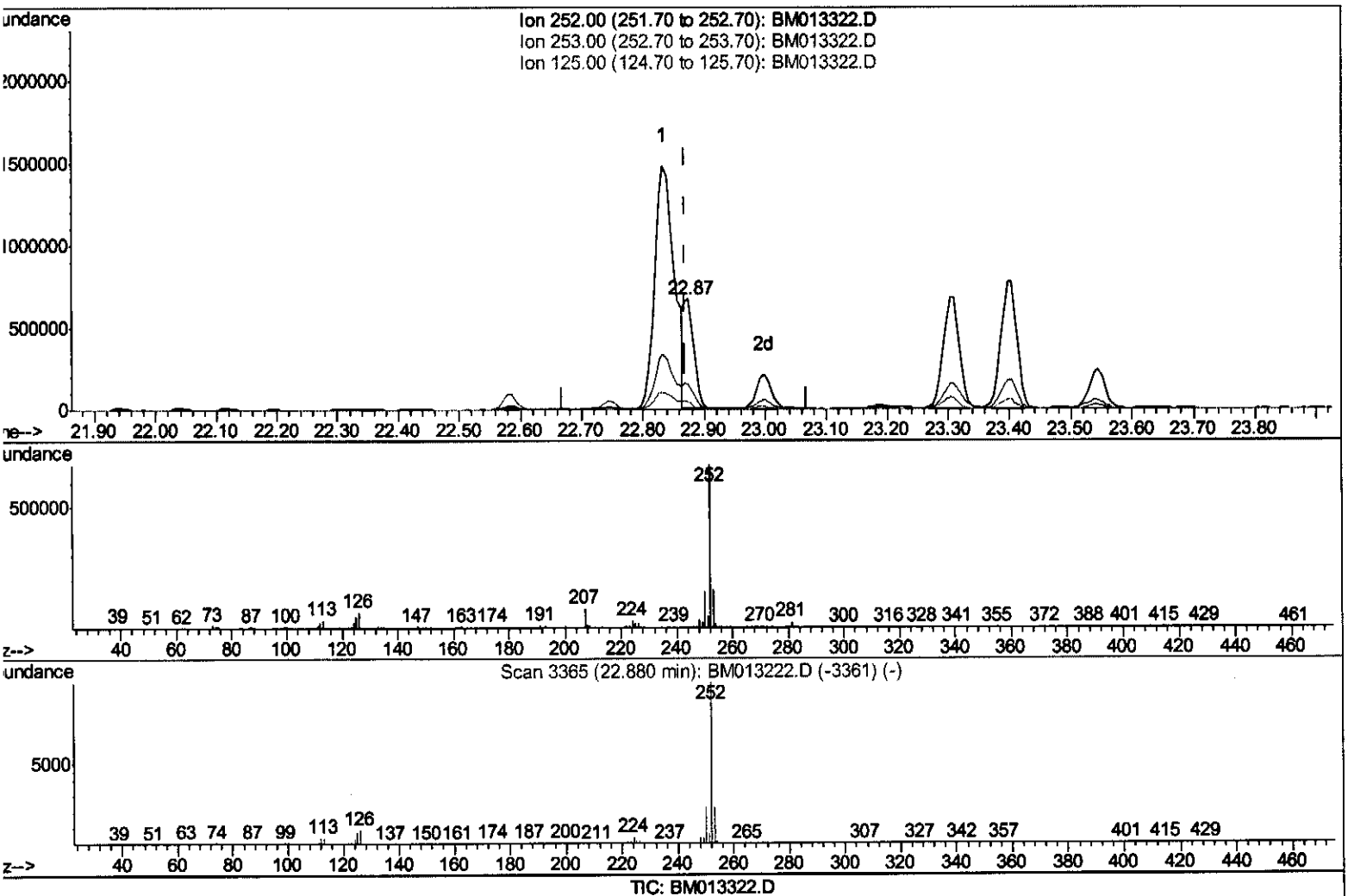
Instrument :
BNA_M
ClientSampleId :
F9B08

Manual Integrations APPROVED
Sohil
12/12/2017 3:57:20 PM



(86) Benzo(k)fluoranthene

22.874min (+0.005) 10.17ng/ul m JJ 12/15/17

response 799782

Ion	Exp%	Act%
252.00	100	100
253.00	21.40	23.01
125.00	4.30	6.96#
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA M\DATA\BM121117\
Data File : BM013322.D
Acq On : 12 Dec 2017 01:57
Operator : SJ/JU
Sample : I6758-07 10X
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
F9B08

Manual Integrations
APPROVED
Sohil
12/12/2017 3:57:20 PM

Quant Time: Dec 12 04:27:24 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM113017.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Dec 12 02:07:09 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.69	152	239049	20.00	ng/ul	0.00
18) Naphthalene-d8	10.47	136	1088419	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.33	164	668584	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.08	188	1476978	20.00	ng/ul	0.00
75) Chrysene-d12	21.27	240	1465012	20.00	ng/ul	0.00
83) Perylene-d12	23.50	264	1239659	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.24	96	1950	0.40	ng/uL	0.00
5) Phenol-d5	6.87	99	42005	2.03	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.03	67	25216	2.14	ng/ul	0.00
9) 2-Chlorophenol-d4	7.22	132	35531	2.20	ng/ul	0.00
13) 4-Methylphenol-d8	8.40	113	38352	2.17	ng/ul	0.00
19) Nitrobenzene-d5	8.84	128	18768	2.17	ng/ul	0.00
22) 2-Nitrophenol-d4	9.56	143	19628	2.12	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.09	165	36282	1.91	ng/ul	0.00
29) 4-Chloroaniline-d4	10.62	131	29363	1.68	ng/ul	0.00
43) Dimethylphthalate-d6	13.74	166	133645	2.25	ng/ul	0.00
46) Acenaphthylene-d8	14.02	160	159155	2.17	ng/ul	0.00
51) 4-Nitrophenol-d4	14.55	143	13401	1.30	ng/ul	0.01
57) Fluorene-d10	15.33	176	115041	2.25	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.45	200	13024	1.40	ng/ul	0.00
70) Anthracene-d10	17.17	188	170177	2.30	ng/ul	0.00
76) Pyrene-d10	19.47	212	179981	2.47	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.36	264	136119	2.16	ng/ul	0.00
Target Compounds						Qvalue
47) Acenaphthylene	14.05	152	259763	3.823	ng/ul	99
69) Phenanthrene	17.12	178	90780	1.082	ng/ul	100
71) Anthracene	17.21	178	257201	2.999	ng/ul	97
74) Fluoranthene	19.14	202	1270304	12.354	ng/ul#	92
77) Pyrene	19.50	202	1489649	16.737	ng/ul#	92
80) Benzo(a)anthracene	21.26	228	1329008	14.298	ng/ul	94
82) Chrysene	21.30	228	1863550	21.610	ng/ul	98
85) Benzo(b)fluoranthene	22.83	252	3256845	38.973	ng/ul#	98
86) Benzo(k)fluoranthene	22.87	252	799782m	10.170	ng/ul	98
88) Benzo(a)pyrene	23.40	252	1411499	18.803	ng/ul#	98
89) Indeno(1,2,3-cd)pyrene	25.73	276	1074778	14.430	ng/ul#	96
90) Dibenzo(a,h)anthracene	25.73	278	302369	4.767	ng/ul#	96
91) Benzo(g,h,i)perylene	26.41	276	906384	15.427	ng/ul#	96

JU 12/10/17

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