

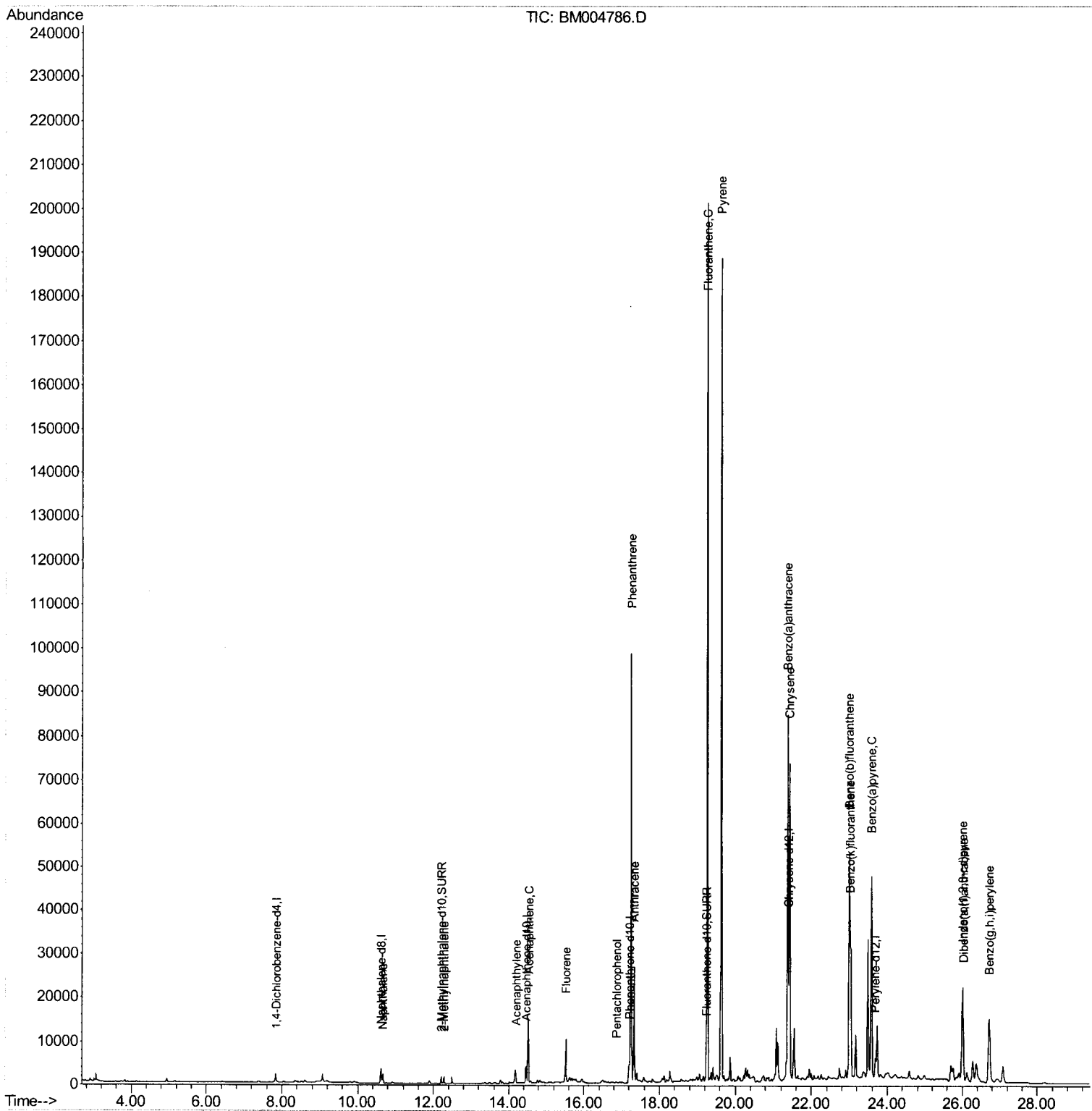
Data Path : Z:\HPCHEM1\BNA_M\Data\BM032516\
Data File : BM004786.D
Acq On : 25 Mar 2016 20:19
Operator : UM/SJ
Sample : H1909-10MS
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4T45MS

Manual Integrations
APPROVED

Sohil
4/6/2016 1:28:52 PM

Quant Time: Apr 05 19:24:32 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM032516.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Apr 05 18:29:16 2016
Response via : Initial Calibration



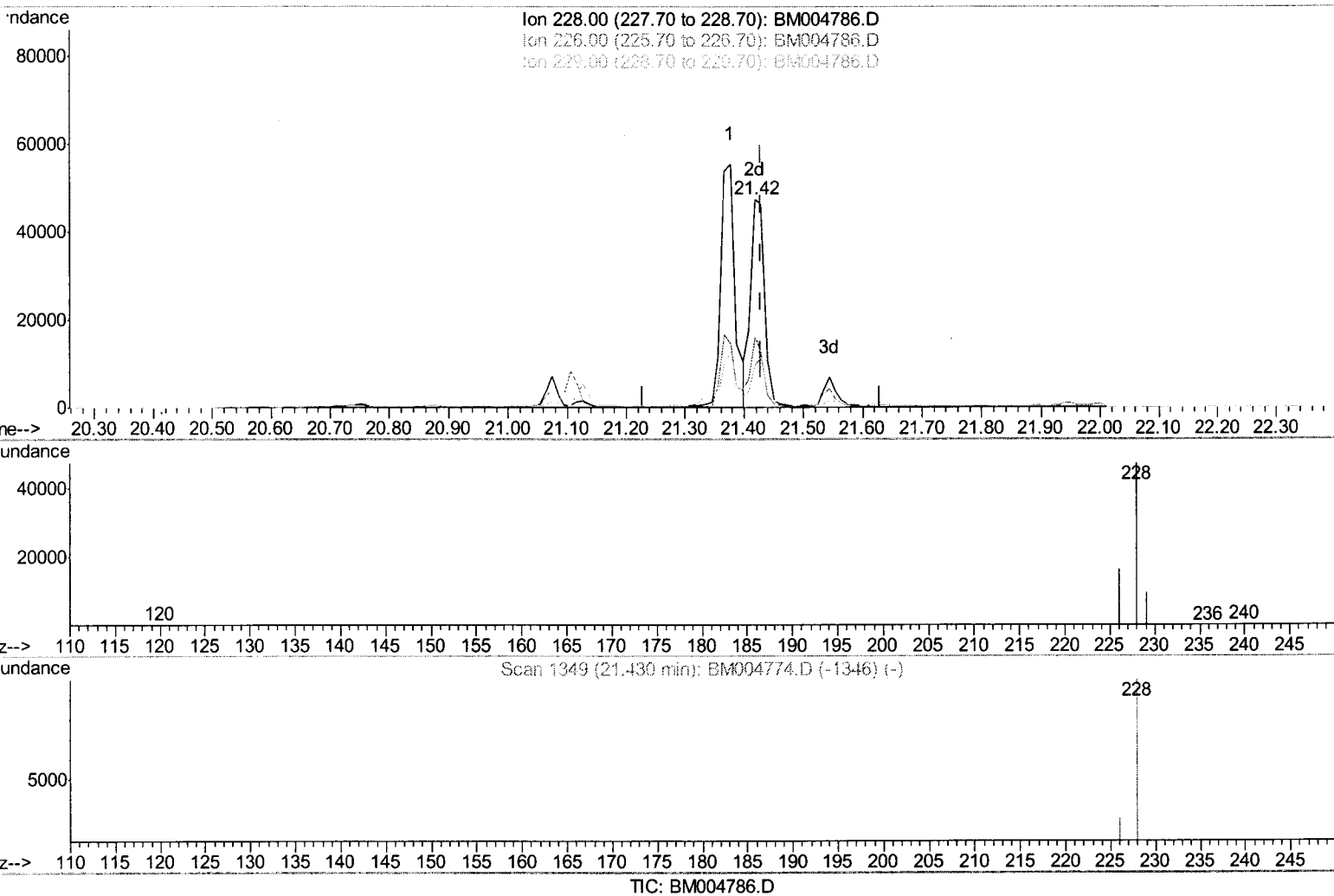
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Quant Time: Apr 05 19:23:22 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM032516.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 05 18:29:16 2016
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(21) Chrysene

21.419min (-0.011) 3.79ng/ul m

response 78225

Ion	Exp%	Act%
228.00	100	100
226.00	26.50	34.23#
229.00	21.30	20.30
0.00	0.00	0.00

U.M
 04/07/16

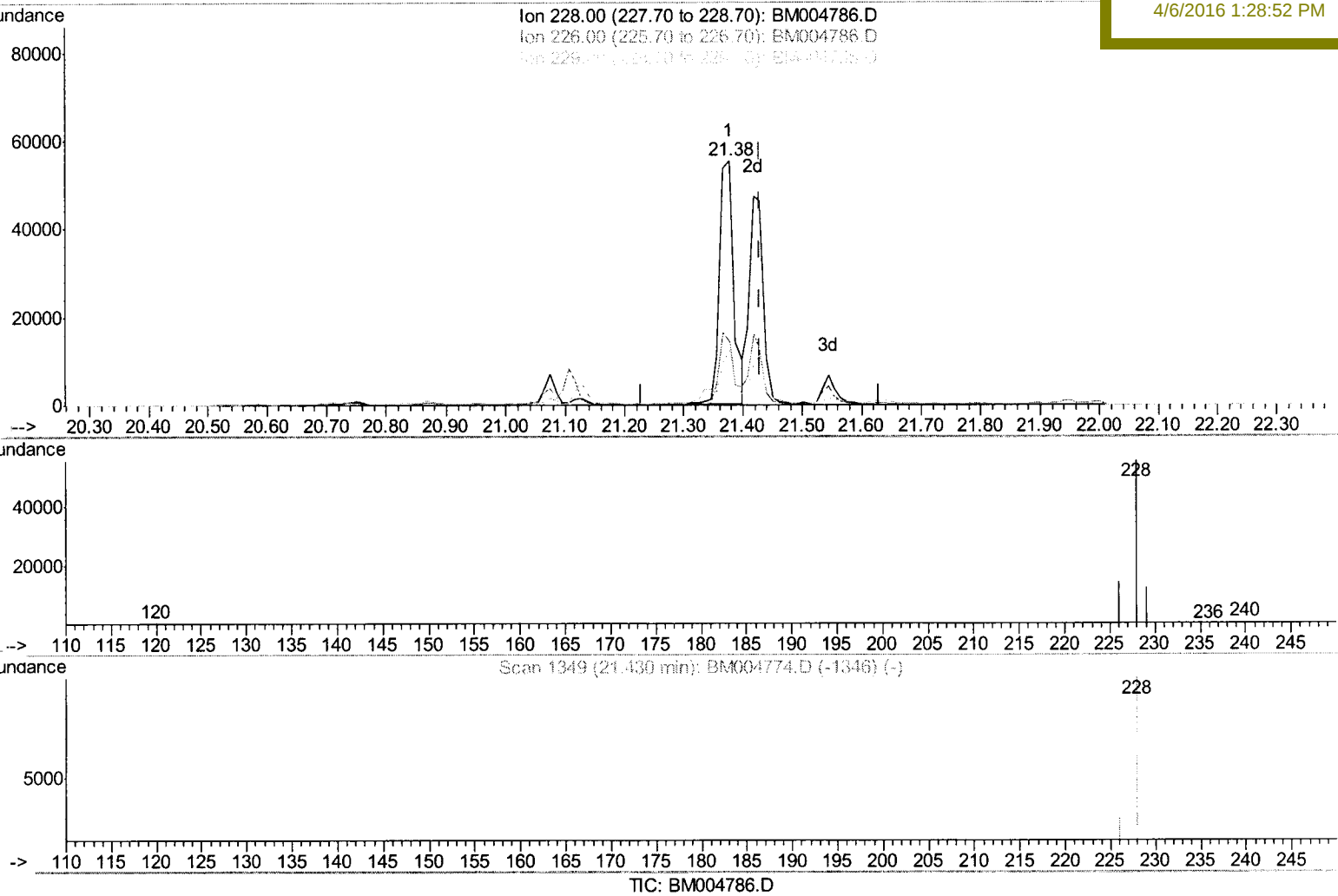
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Sohil
4/6/2016 1:28:52 PM



(21) Chrysene

21.377min (-0.052) 4.43ng/ul

response 91568

Ion	Exp%	Act%
228.00	100	100
226.00	26.50	26.15
229.00	21.30	22.61
0.00	0.00	0.00

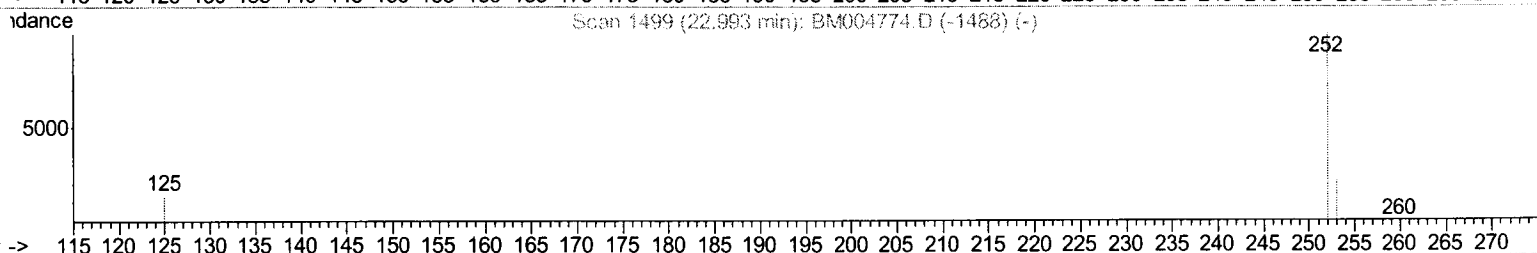
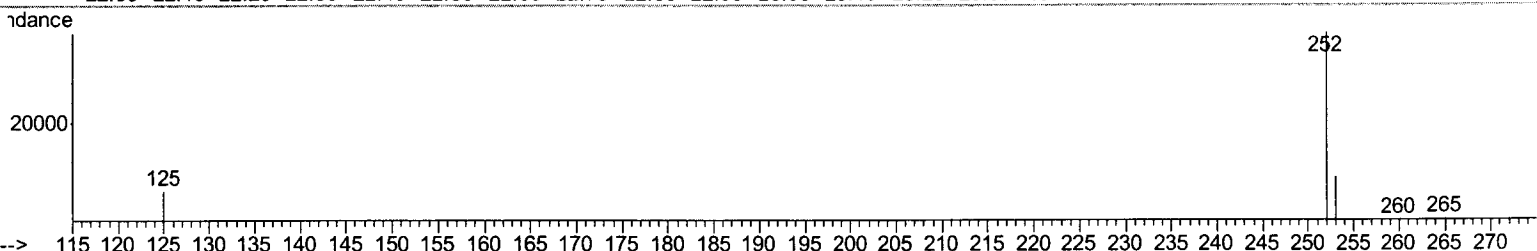
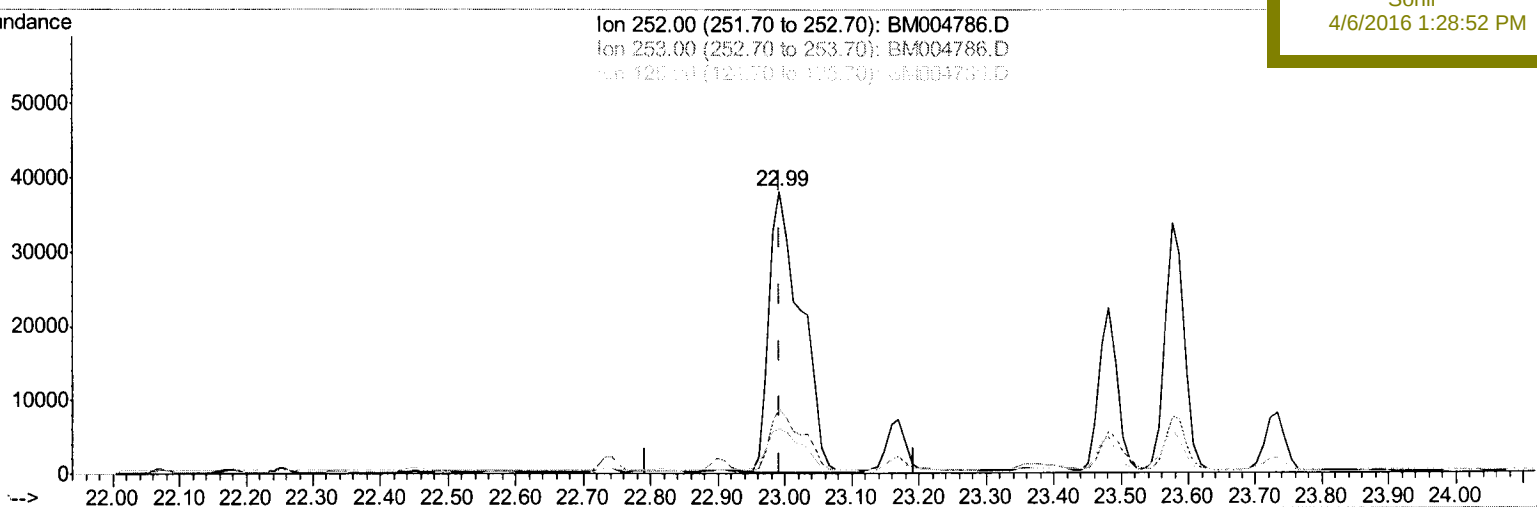
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ClientSampleId :
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Manual Integrations
APPROVED

Sohil
4/6/2016 1:28:52 PM



TIC: BM004786.D

(23) Benzo(b)fluoranthene

22.993min (-0.000) 5.39ng/ul

response 124341

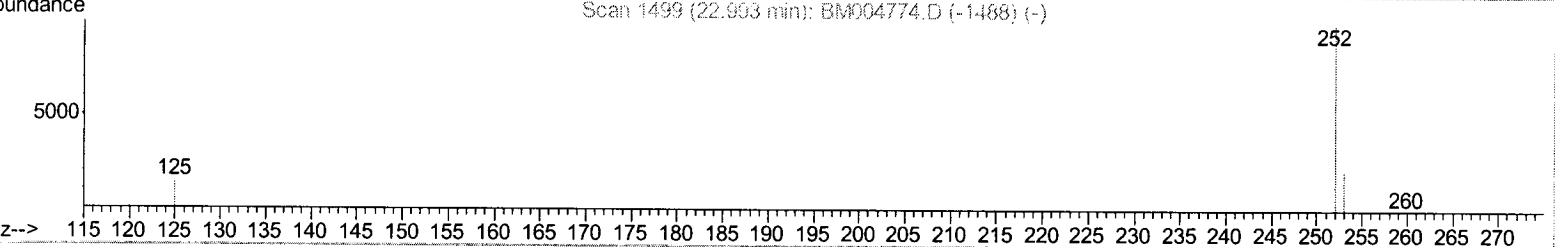
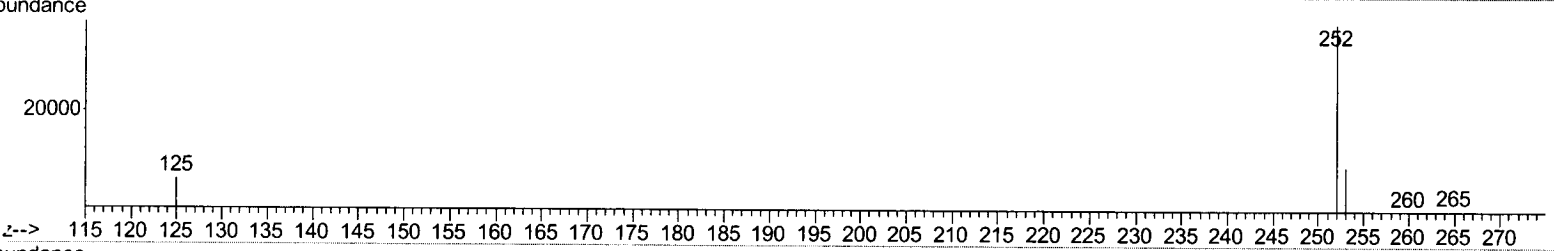
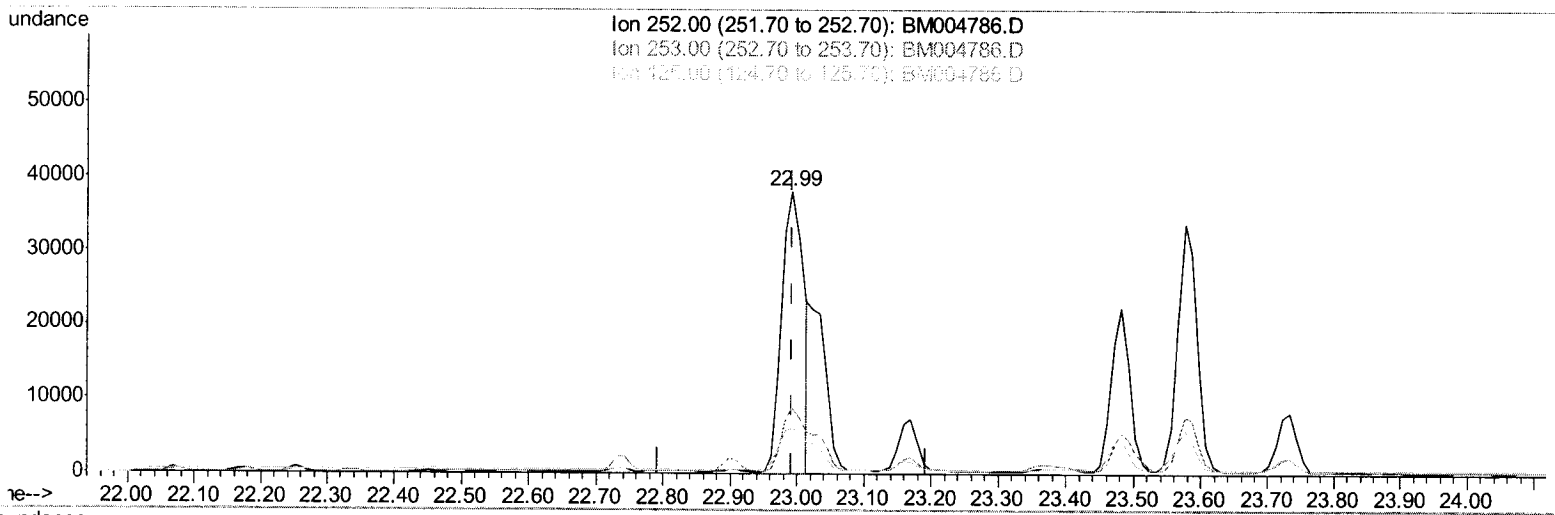
Ion	Exp%	Act%
252.00	100	100
253.00	22.70	23.26
125.00	14.40	16.13
0.00	0.00	0.00

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Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4T45MS

Manual Integrations
APPROVED
Sohil
4/6/2016 1:28:52 PM

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TIC: BM004786.D

(23) Benzo(b)fluoranthene

22.993min (-0.000) 3.83ng/ul m *U.M*
04/07/16
response 88251

Ion	Exp%	Act%
252.00	100	100
253.00	22.70	23.26
125.00	14.40	16.13
0.00	0.00	0.00

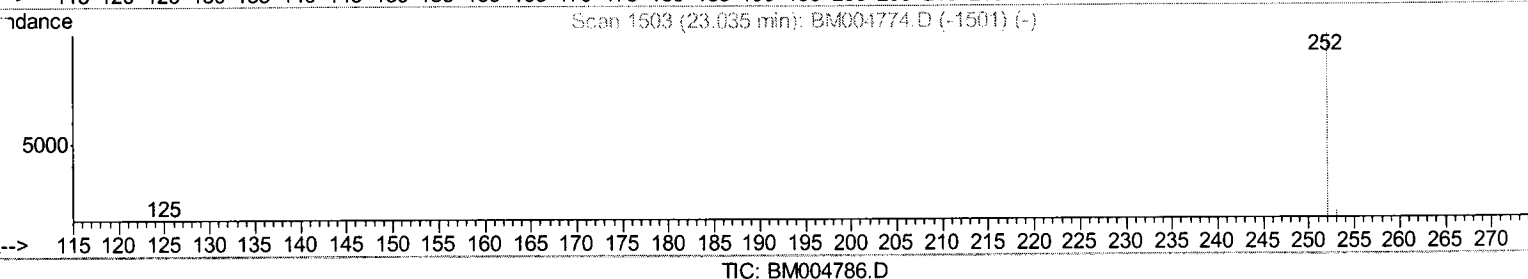
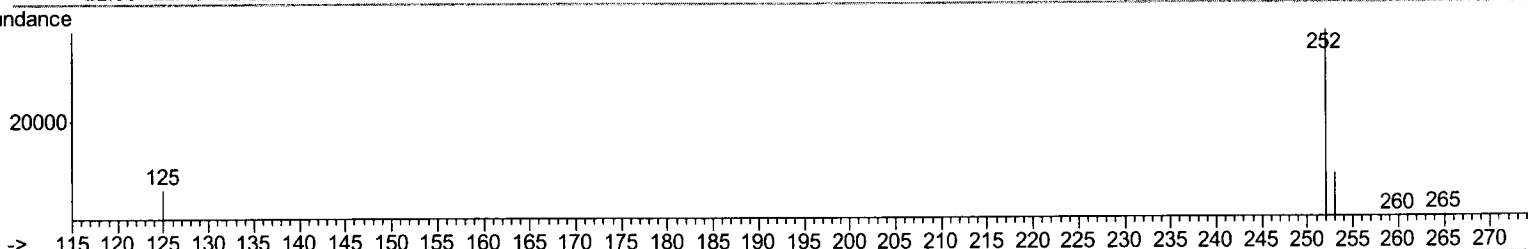
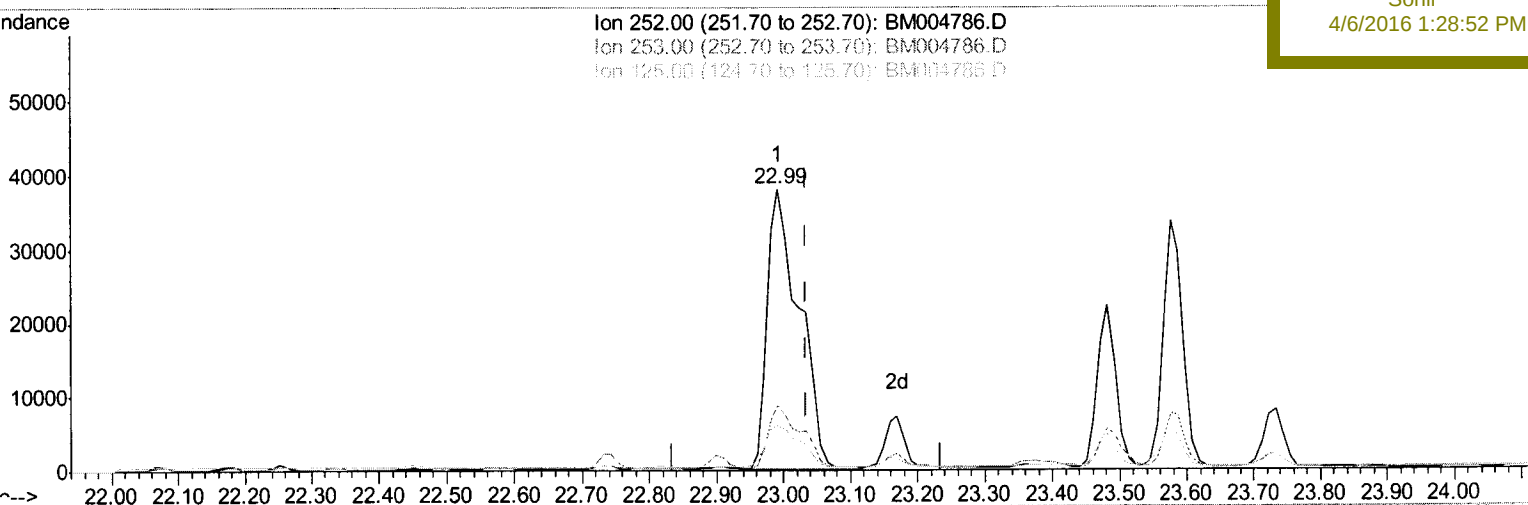
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Data File : BM004786.D
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Operator : UM/SJ
Sample : H1909-10MS
Misc :
ALS Vial : 18 Sample Multiplier: 1

Quant Time: Apr 05 19:23:22 2016
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QLast Update : Tue Apr 05 18:29:16 2016
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
A4T45MS

Manual Integrations
APPROVED

Sohil
4/6/2016 1:28:52 PM



TIC: BM004786.D

(24) Benzo(k)fluoranthene

22.993min (-0.042) 5.82ng/ul

response 124341

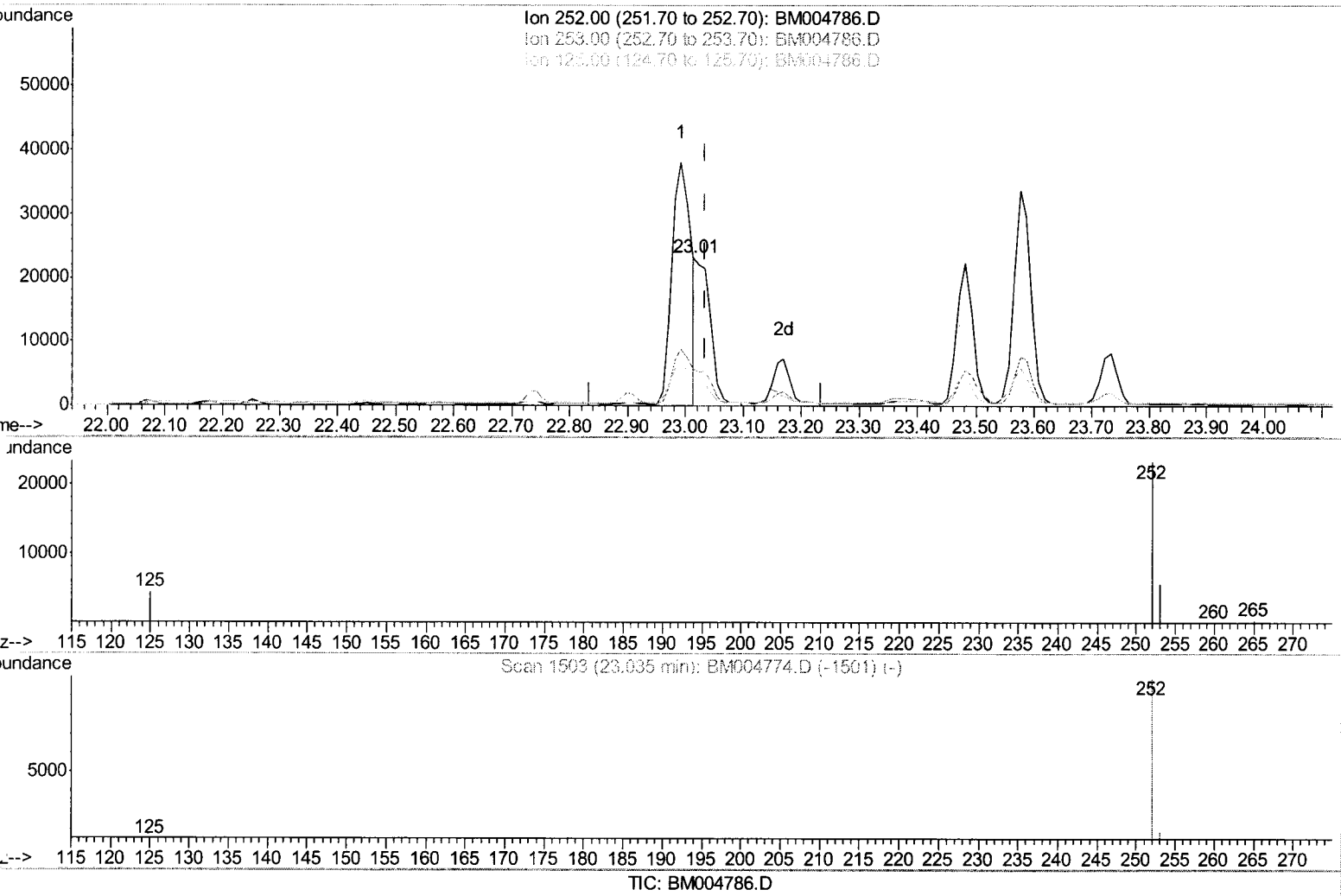
Ion	Exp%	Act%
252.00	100	100
253.00	24.80	23.26
125.00	13.00	16.13#
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA_M\Data\BM032516\
Data File : BM004786.D
Acq On : 25 Mar 2016 20:19
Operator : UM/SJ
Sample : H1909-10MS
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4T45MS

Manual Integrations
APPROVED
Sohil
4/6/2016 1:28:52 PM

Quant Time: Apr 05 19:23:22 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM032516.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Apr 05 18:29:16 2016
Response via : Initial Calibration



(24) Benzo(k)fluoranthene

23.013min (-0.021) 1.80ng/ul m U.M
response 38478 04/07/16

Ion	Exp%	Act%
252.00	100	100
253.00	24.80	24.58
125.00	13.00	18.93#
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM032516\
 Data File : BM004786.D
 Acq On : 25 Mar 2016 20:19
 Operator : UM/SJ
 Sample : H1909-10MS
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4T45MS

Quant Time: Apr 11 11:55:38 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM032516.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 05 18:29:16 2016
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Sohil
 4/6/2016 1:28:52 PM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.84	152	989	0.40	ng/ul	0.00
4) Naphthalene-d8	10.62	136	4832	0.40	ng/ul	0.00
8) Acenaphthene-d10	14.47	164	2954	0.40	ng/ul	0.00
12) Phenanthrene-d10	17.21	188	6795	0.40	ng/ul	0.00
18) Chrysene-d12	21.39	240	6958	0.40	ng/ul	-0.01
22) Perylene-d12	23.68	264	6843	0.40	ng/ul	-0.01

System Monitoring Compounds

2) 1,4-Dioxane-d8	3.32	96	8	0.02	ng/uL	0.00
6) 2-Methylnaphthalene-d10	12.21	152	2245	0.33	ng/ul	0.00
16) Fluoranthene-d10	19.23	212	5982	0.37	ng/ul	-0.01

Target Compounds

						Qvalue
5) Naphthalene	10.67	128	2767	0.24	ng/ul#	92
7) 2-Methylnaphthalene	12.28	142	1170	0.14	ng/ul	99
9) Acenaphthylene	14.18	152	3682	0.27	ng/ul#	95
10) Acenaphthene	14.52	153	8726	0.91	ng/ul	89
11) Fluorene	15.51	166	6713	0.58	ng/ul	92
14) Phenanthrene	17.24	178	110597	5.79	ng/ul	97
15) Anthracene	17.33	178	30251	1.68	ng/ul	97
17) Fluoranthene	19.27	202	192178	8.84	ng/ul	96
19) Pyrene	19.63	202	183597	7.71	ng/ul	95
20) Benzo(a)anthracene	21.38	228	91568	4.28	ng/ul	96
21) Chrysene	21.42	228	78225m	3.79	ng/ul	
23) Benzo(b)fluoranthene	22.99	252	88251m	3.83	ng/ul	
24) Benzo(k)fluoranthene	23.01	252	38478m	1.80	ng/ul	
25) Benzo(a)pyrene	23.58	252	66638	3.16	ng/ul	97
26) Indeno(1,2,3-cd)pyrene	26.01	276	34116	1.75	ng/ul#	89
27) Dibenzo(a,h)anthracene	26.02	278	8286	0.54	ng/ul#	85
28) Benzo(g,h,i)perylene	26.71	276	29749	1.84	ng/ul	94

U.M.
 03/27/2016

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