

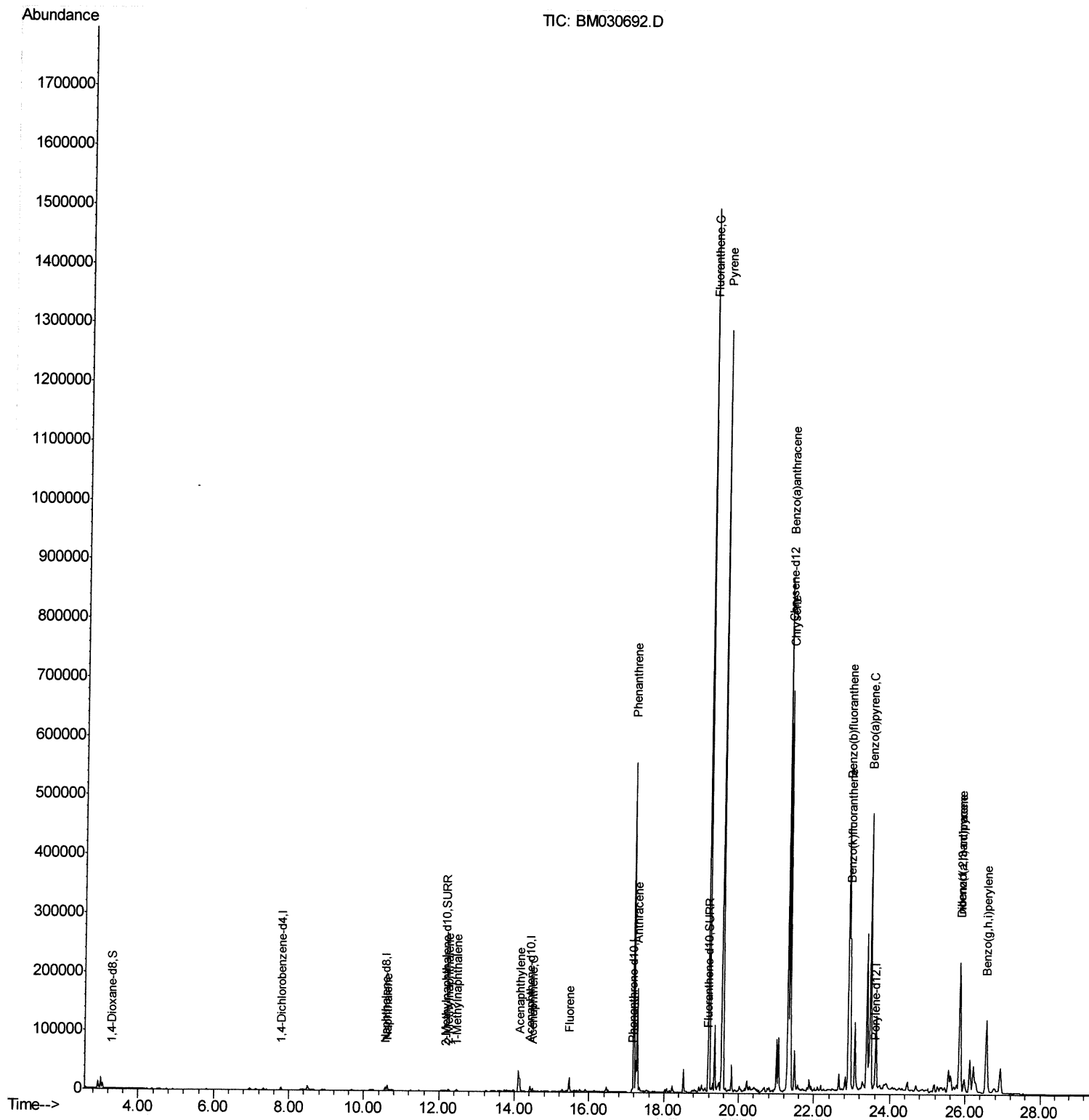
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM062821\
Data File : BM030692.D
Acq On : 29 Jun 2021 15:36
Operator : CG/JU
Sample : M2680-03DL 5X
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BGD73DL

Quant Time: Jun 29 16:09:30 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SFAM-EPA-SIM-BM062821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 28 14:33:12 2021
Response via : Initial Calibration

Manual Integrations
APPROVED

mohammad
6/30/2021 10:25:15 AM



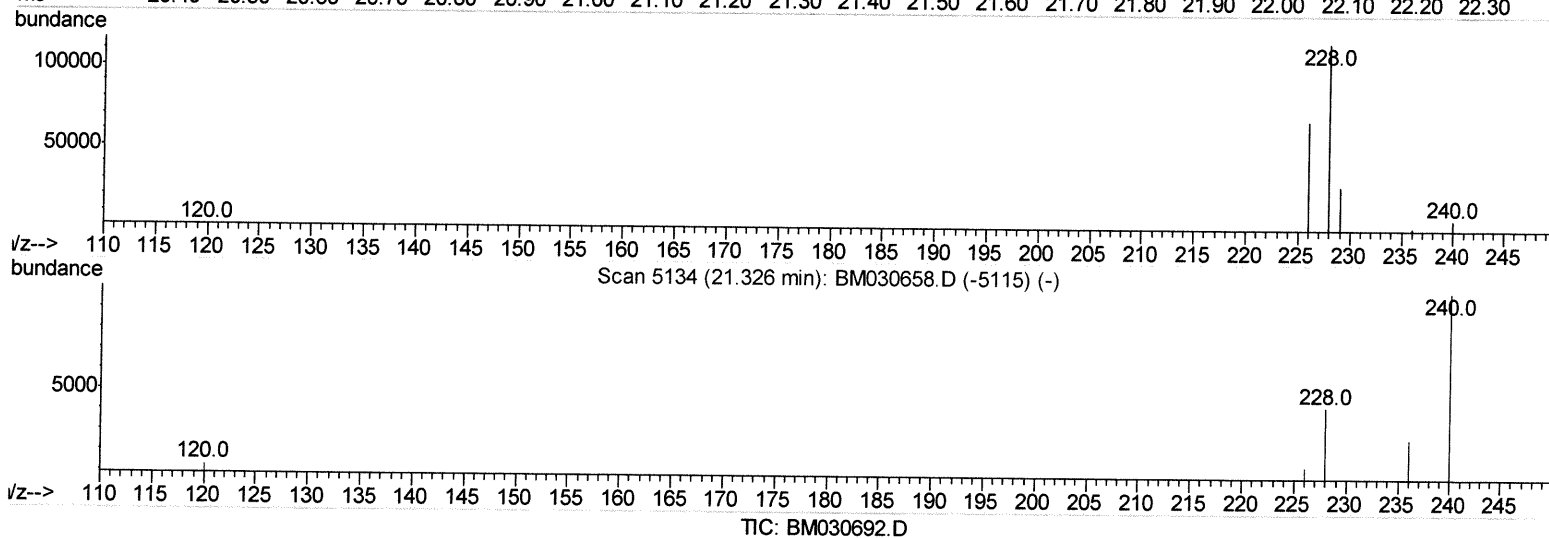
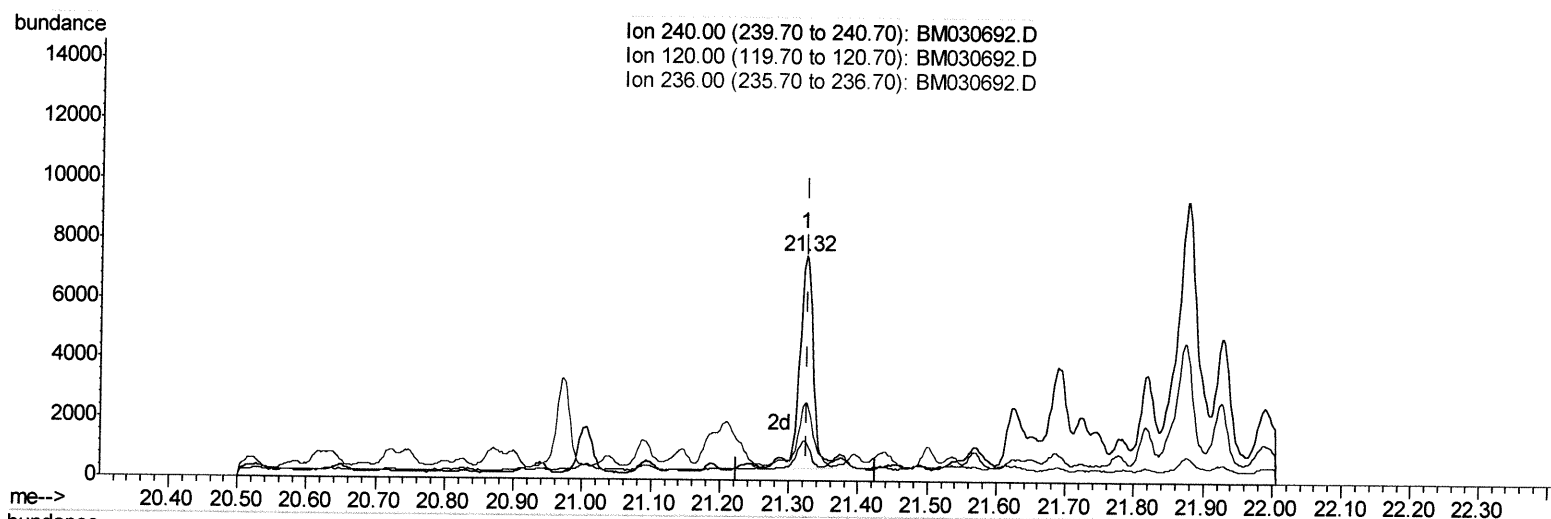
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Quant Time: Jun 29 16:06:25 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SFAM-EPA-SIM-BM062821.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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(17) Chrysene-d12

21.323min (-0.003) 0.40ng/ul

response 9817

Ion	Exp%	Act%
240.00	100	100
120.00	16.80	17.46
236.00	29.50	34.86
0.00	0.00	0.00

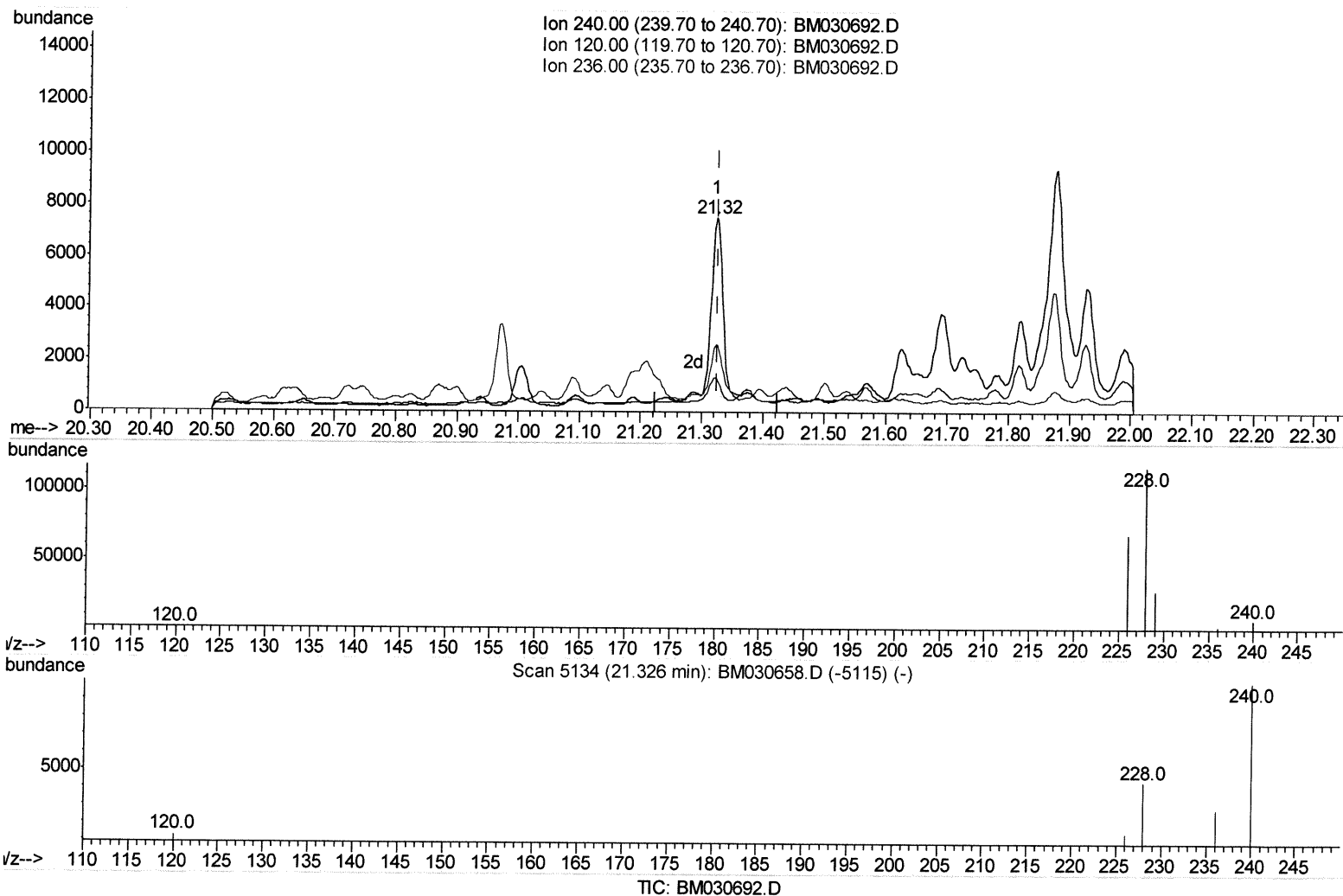
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 6/30/2021 10:25:15 AM



(17) Chrysene-d12

21.323min (-0.003) 0.40ng/ul m

response 8527

Ion	Exp%	Act%
240.00	100	100
120.00	16.80	17.46
236.00	29.50	34.86
0.00	0.00	0.00

Jul 6/30/21

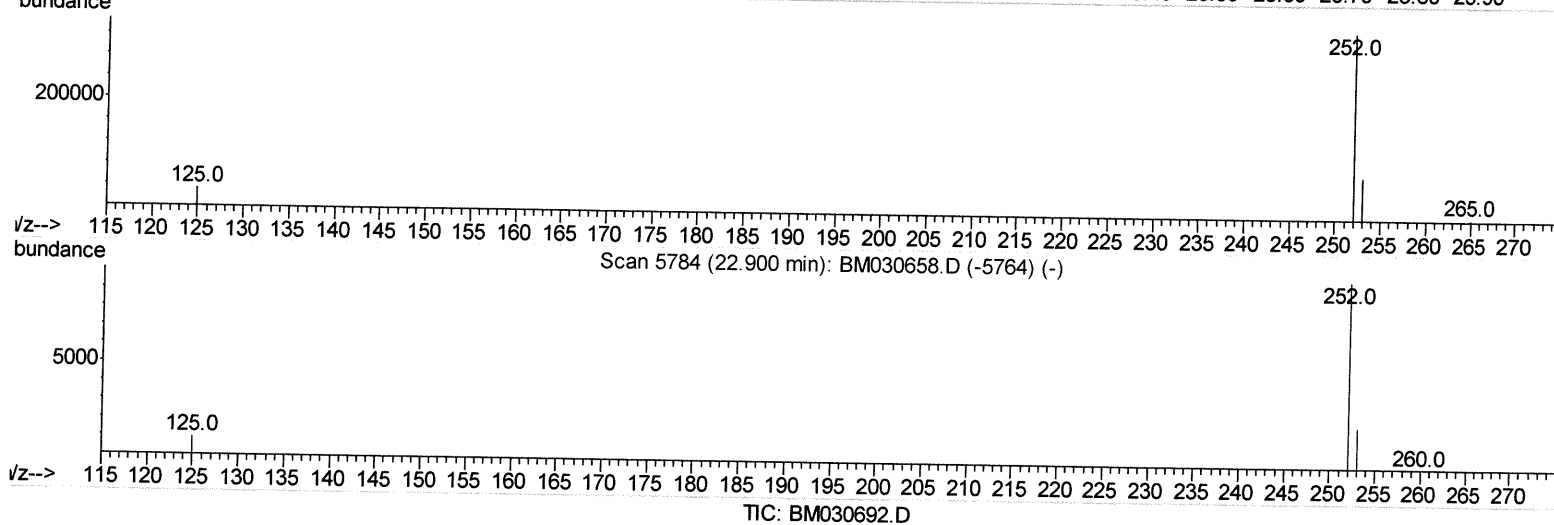
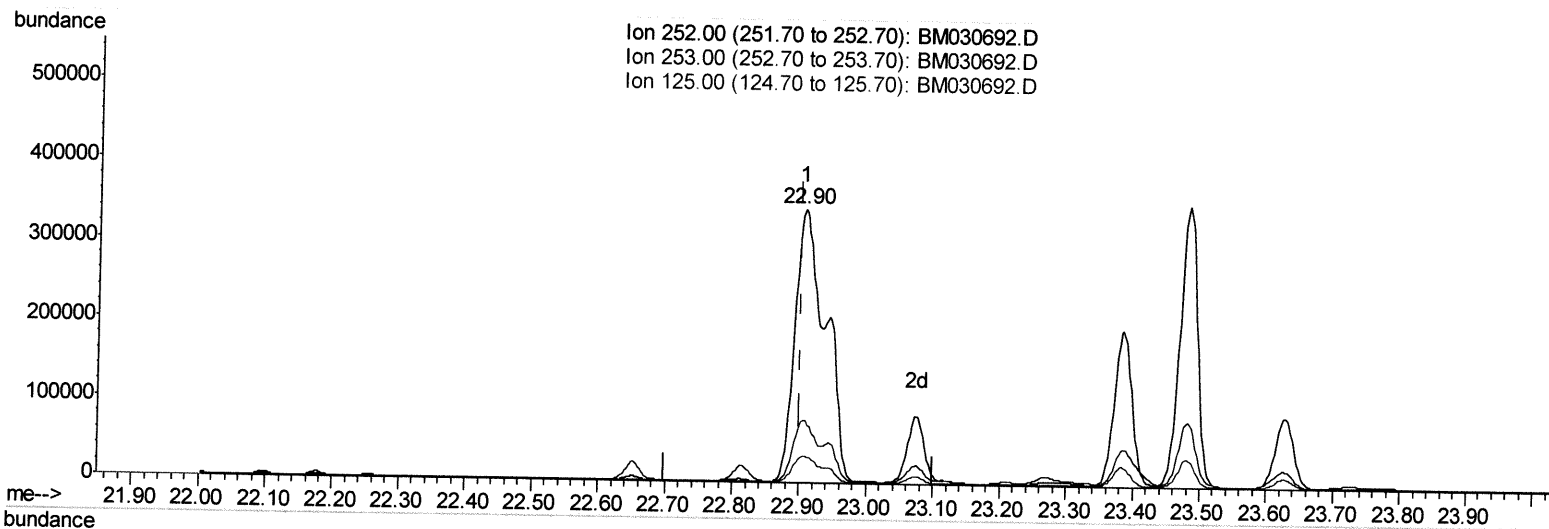
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 Acq On : 29 Jun 2021 15:36
 Operator : CG/JU
 Sample : M2680-03DL 5X
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BGD73DL

Quant Time: Jun 29 16:07:09 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SFAM-EPA-SIM-BM062821.M
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Manual Integrations
 APPROVED

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(24) Benzo(b)fluoranthene

22.904min (+0.005) 23.83ng/ul

response 1091670

Ion	Exp%	Act%
252.00	100	100
253.00	28.90	22.66
125.00	16.60	9.66
0.00	0.00	0.00

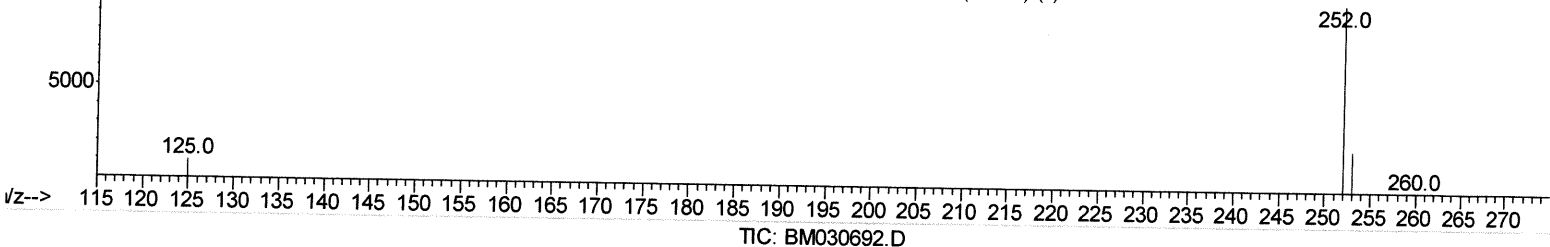
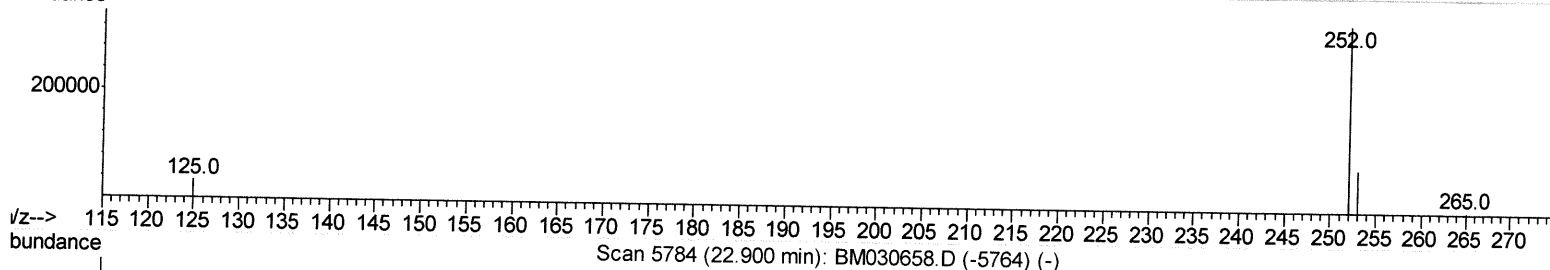
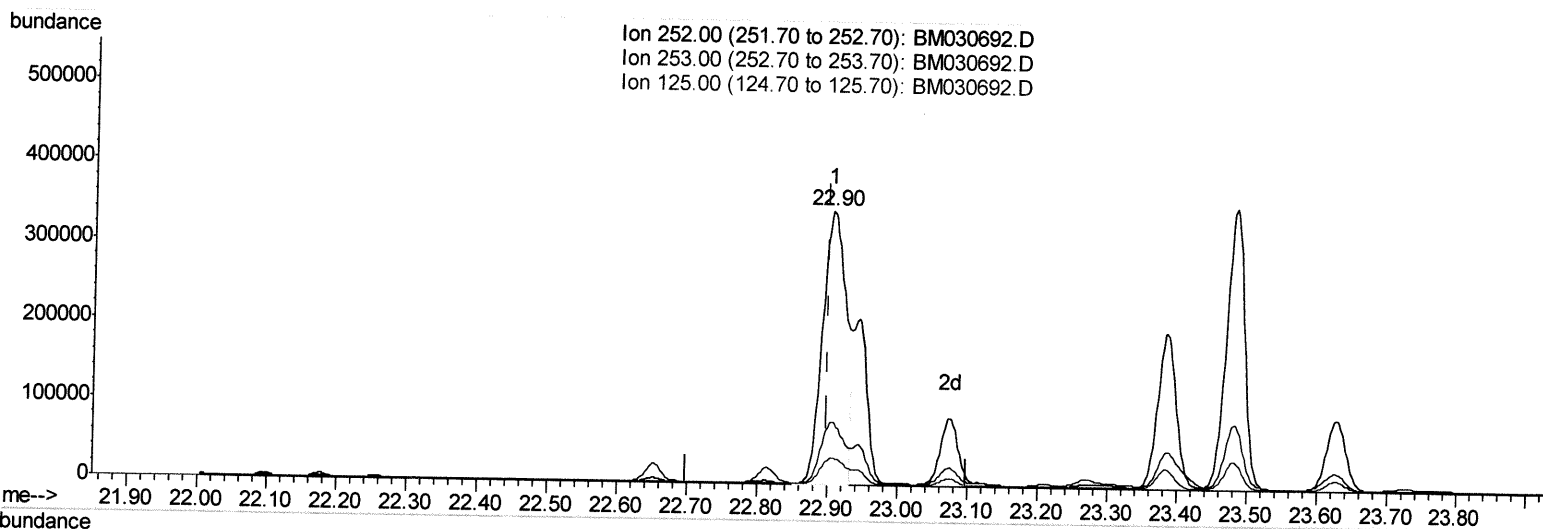
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 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 BNA_M
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Manual Integrations
 APPROVED

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 6/30/2021 10:25:15 AM



(24) Benzo(b)fluoranthene

22.904min (+0.005) 17.16ng/ul m

response 786290

JU 6/30/21

Ion	Exp%	Act%
252.00	100	100
253.00	28.90	22.66
125.00	16.60	9.66
0.00	0.00	0.00

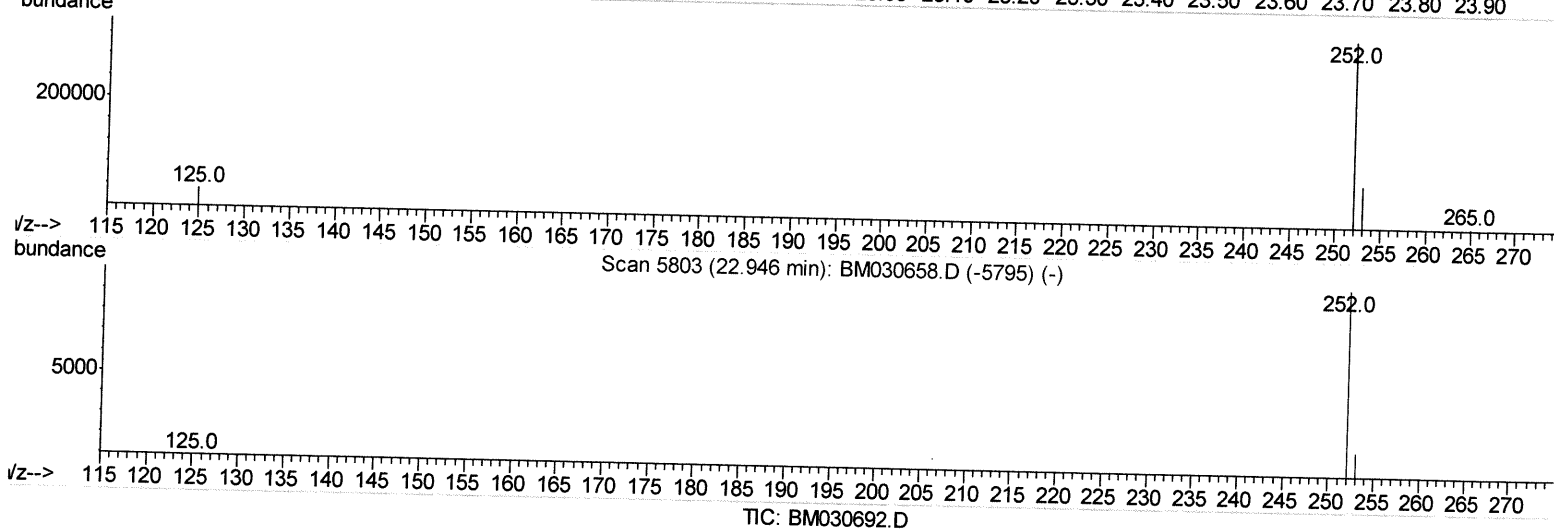
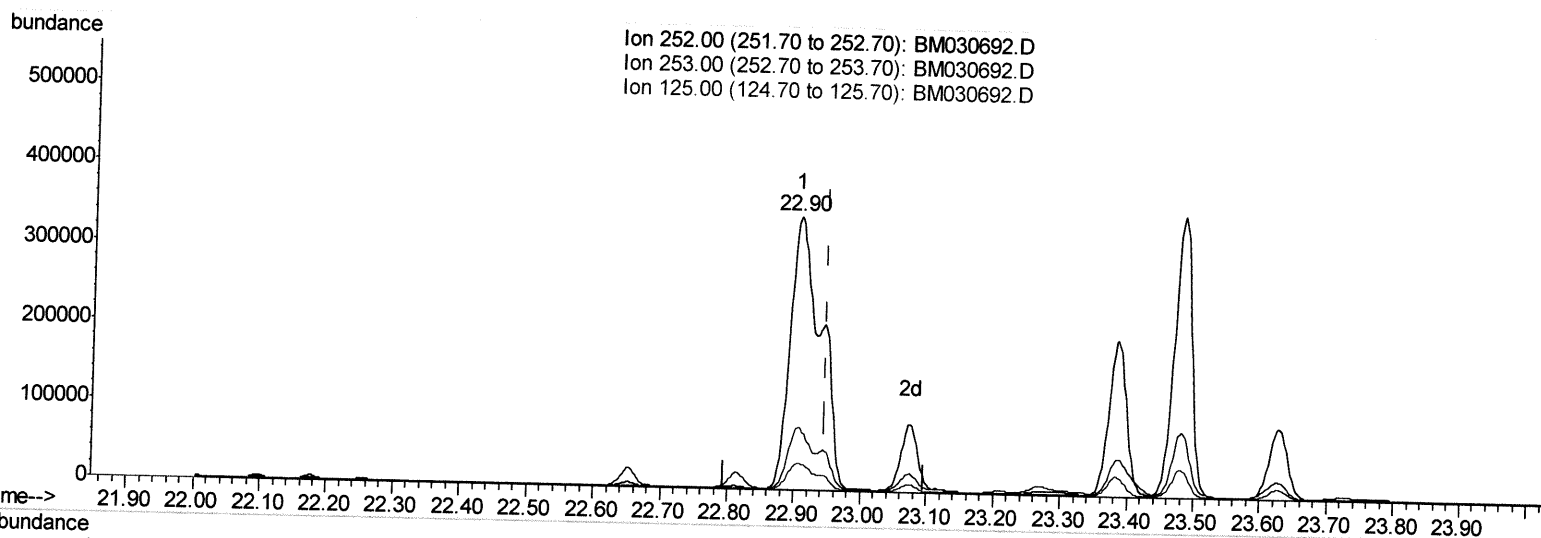
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 Operator : CG/JU
 Sample : M2680-03DL 5X
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BGD73DL

Manual Integrations
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mohammad
 6/30/2021 10:25:15 AM

Quant Time: Jun 29 16:07:09 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SFAM-EPA-SIM-BM062821.M
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 Response via : Initial Calibration



(25) Benzo(k)fluoranthene

22.904min (-0.041) 23.11ng/ul

response 1091670

Ion	Exp%	Act%
252.00	100	100
253.00	29.00	22.66#
125.00	15.80	9.66#
0.00	0.00	0.00

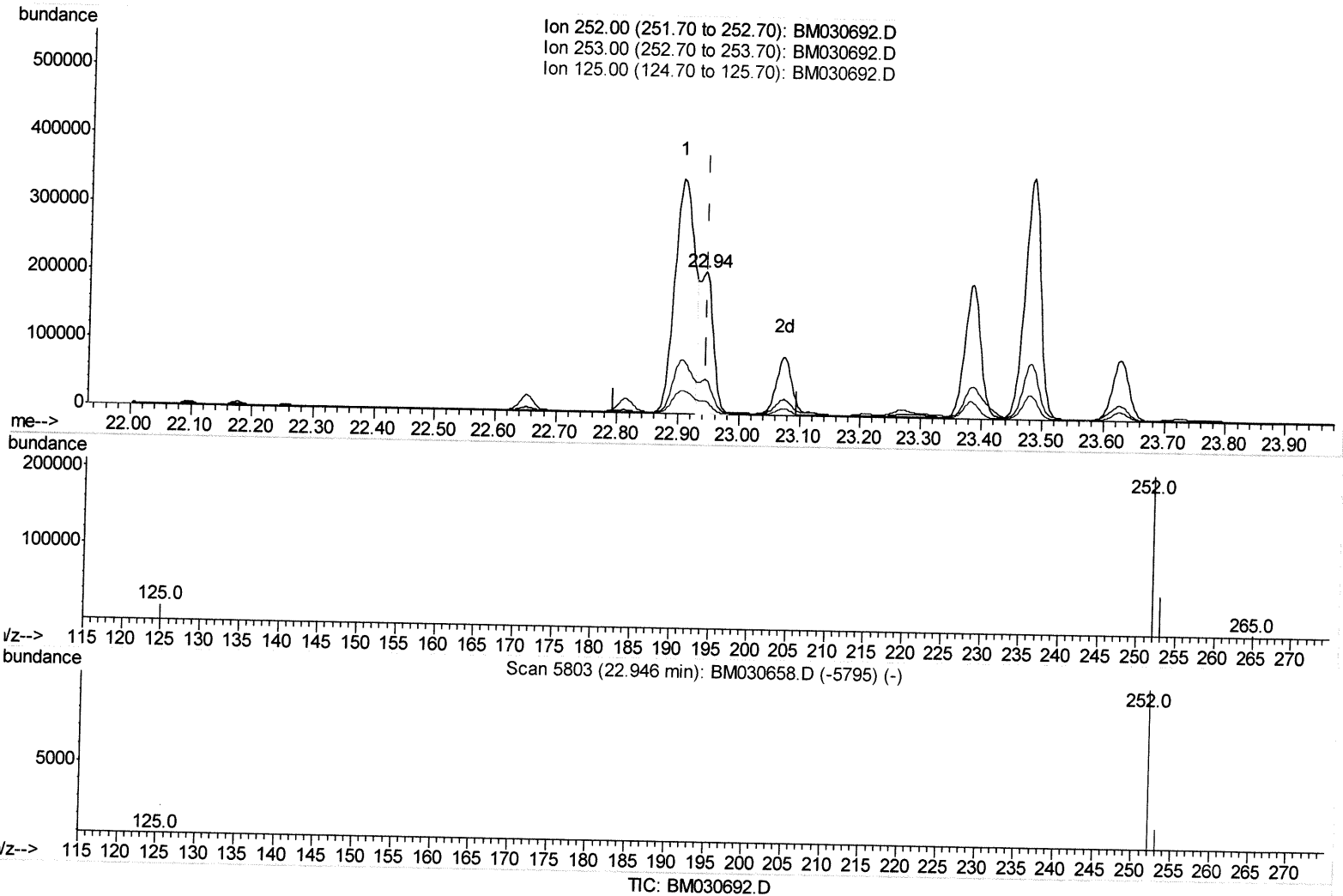
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM062821\
 Data File : BM030692.D
 Acq On : 29 Jun 2021 15:36
 Operator : CG/JU
 Sample : M2680-03DL 5X
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BGD73DL

Quant Time: Jun 29 16:07:09 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SFAM-EPA-SIM-BM062821.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 28 14:33:12 2021
 Response via : Initial Calibration

Manual Integrations
 APPROVED

mohammad
 6/30/2021 10:25:15 AM



(25) Benzo(k)fluoranthene

22.943min (-0.003) 7.22ng/ul m
 response 340867
 Ju 6/30/21

Ion	Exp%	Act%
252.00	100	100
253.00	29.00	24.46
125.00	15.80	9.35#
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM062821\
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 Acq On : 29 Jun 2021 15:36
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 ALS Vial : 36 Sample Multiplier: 1

Instrument :
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Manual Integrations
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mohammad
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.79	152	2181	0.40	ng/ul	0.00
4) Naphthalene-d8	10.58	136	8144	0.40	ng/ul	0.00
9) Acenaphthene-d10	14.41	164	4711	0.40	ng/ul	0.00
13) Phenanthrene-d10	17.15	188	9437	0.40	ng/ul	0.00
17) Chrysene-d12	21.32	240	8527m	0.40	ng/ul	0.00
23) Perylene-d12	23.58	264	10343	0.40	ng/ul	0.00

Tue 6/30/21

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.29	96	1003	0.42	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.17	152	356	0.03	ng/ul	0.00
18) Fluoranthene-d10	19.17	212	661	0.03	ng/ul	0.00

Target Compounds

						Ovalue
5) Naphthalene	10.62	128	13995	0.603	ng/ul	98
7) 2-Methylnaphthalene	12.24	142	2445	0.157	ng/ul	97
8) 1-Methylnaphthalene	12.46	142	1573	0.103	ng/ul	97
10) Acenaphthylene	14.14	152	26125	1.242	ng/ul	99
11) Acenaphthene	14.48	153	3283	0.193	ng/ul	95
12) Fluorene	15.46	166	16629	0.885	ng/ul	100
15) Phenanthrene	17.19	178	584614	18.428	ng/ul	98
16) Anthracene	17.28	178	185307	6.670	ng/ul	96
19) Fluoranthene	19.21	202	1297203	34.467	ng/ul	97
20) Pyrene	19.57	202	1111829	29.378	ng/ul	95
21) Benzo(a)anthracene	21.31	228	730231	21.483	ng/ul	97
22) Chrysene	21.36	228	606750	15.935	ng/ul	98
24) Benzo(b)fluoranthene	22.90	252	786290m	17.164	ng/ul	} Tue 6/30/21
25) Benzo(k)fluoranthene	22.94	252	340867m	7.217	ng/ul	
26) Benzo(a)pyrene	23.48	252	639173	16.404	ng/ul	
27) Indeno(1,2,3-cd)pyrene	25.86	276	357063	7.034	ng/ul	82
28) Dibenzo(a,h)anthracene	25.86	278	91959	2.258	ng/ul	92
29) Benzo(a,h,i)perylene	26.56	276	267073	6.056	ng/ul	95

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