

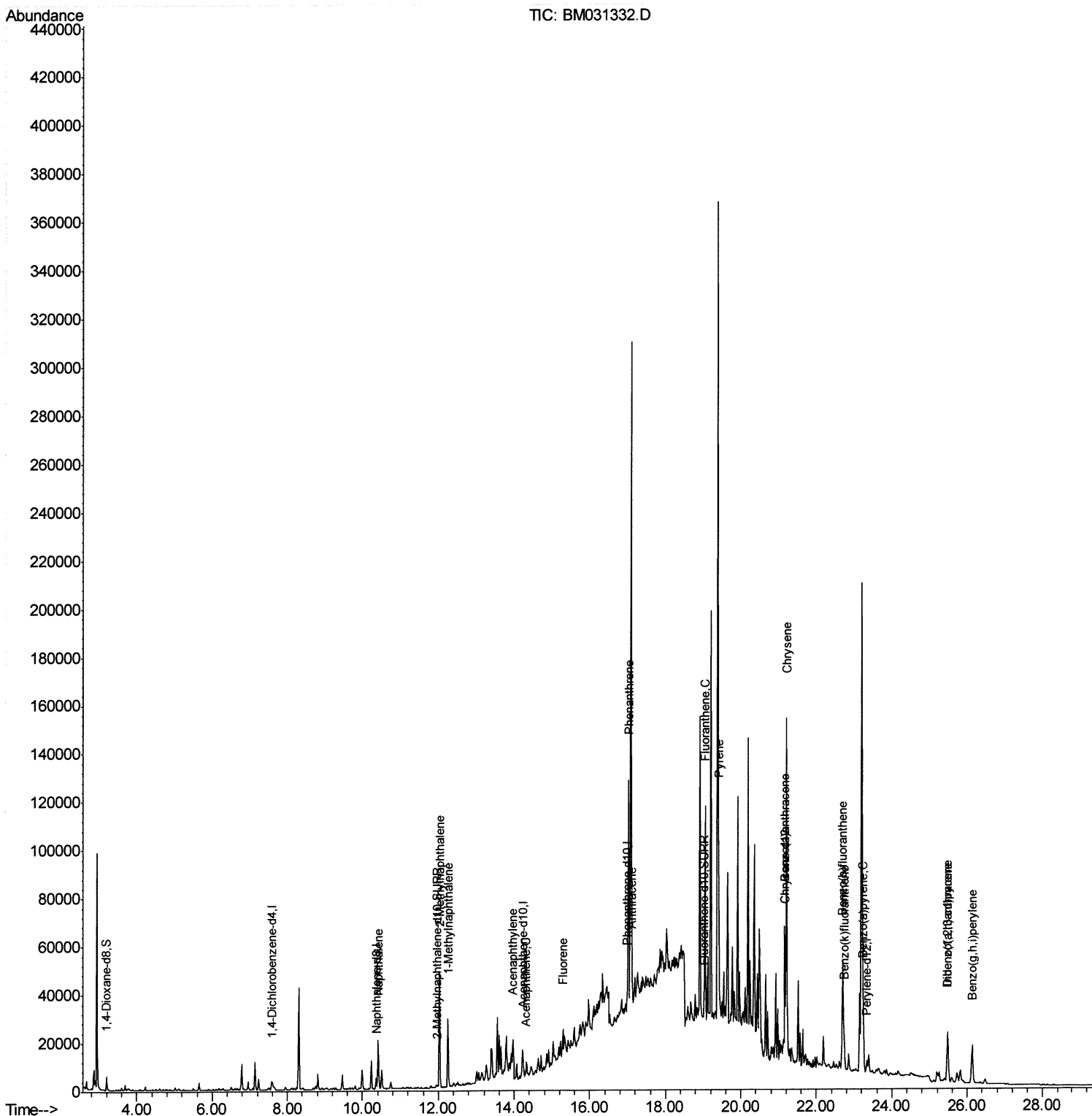
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM072921\
Data File : BM031332.D
Acq On : 01 Aug 2021 04:03
Operator : CG/JU
Sample : M3091-10
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0048

Manual Integrations
APPROVED

mohammad
8/2/2021 3:42:22 PM

Quant Time: Aug 02 03:35:16 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SFAM-EPA-SIM-BM072821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 30 14:16:52 2021
Response via : Initial Calibration



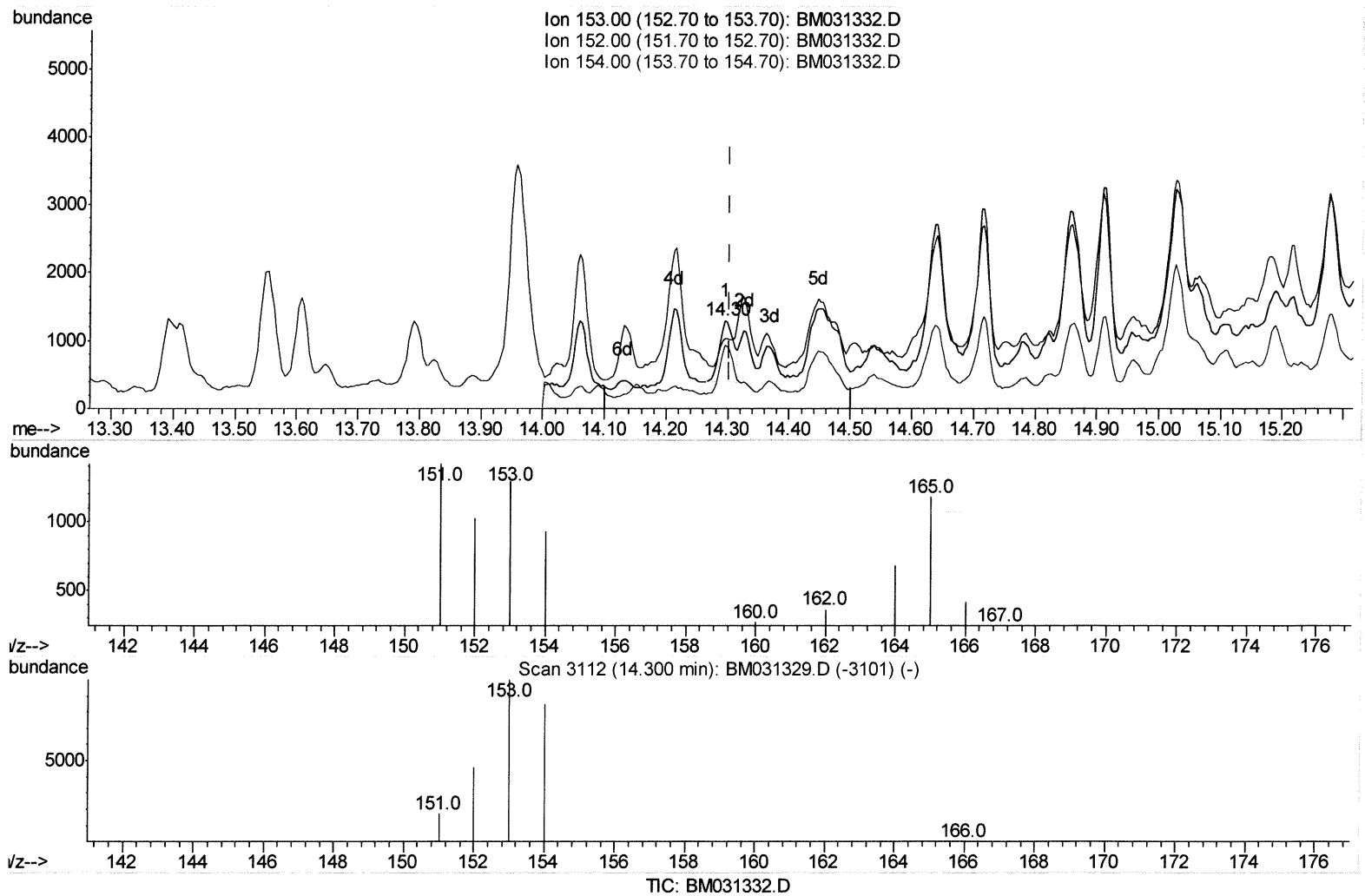
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Quant Time: Aug 02 03:32:08 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SFAM-EPA-SIM-BM072821.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 30 14:16:52 2021
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(11) Acenaphthene (C)

14.296min (-0.007) 0.11ng/ul

response 1470

Ion	Exp%	Act%
153.00	100	100
152.00	50.90	79.53#
154.00	87.70	72.33
0.00	0.00	0.00

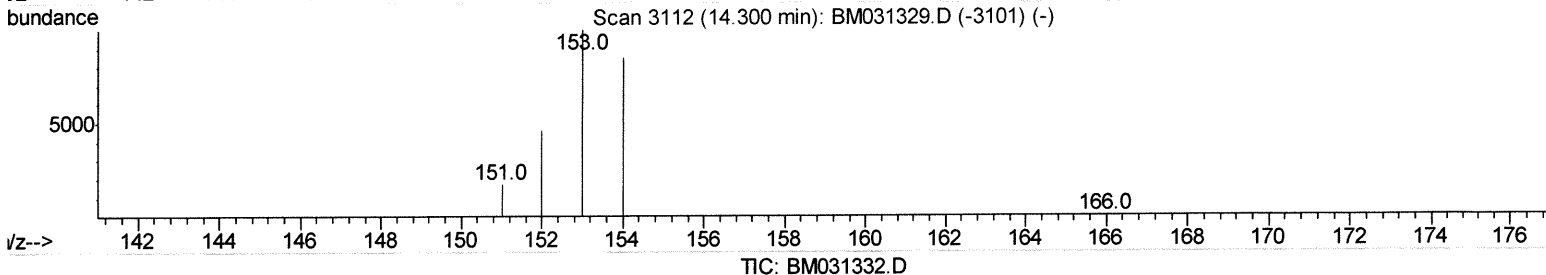
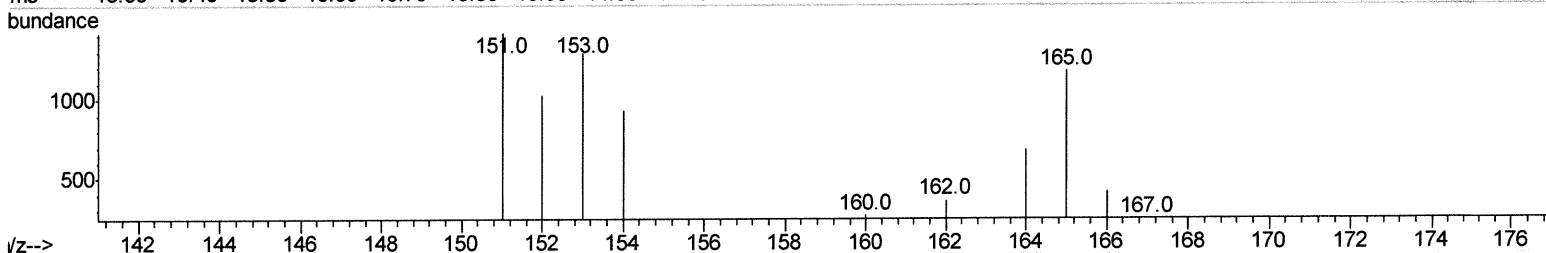
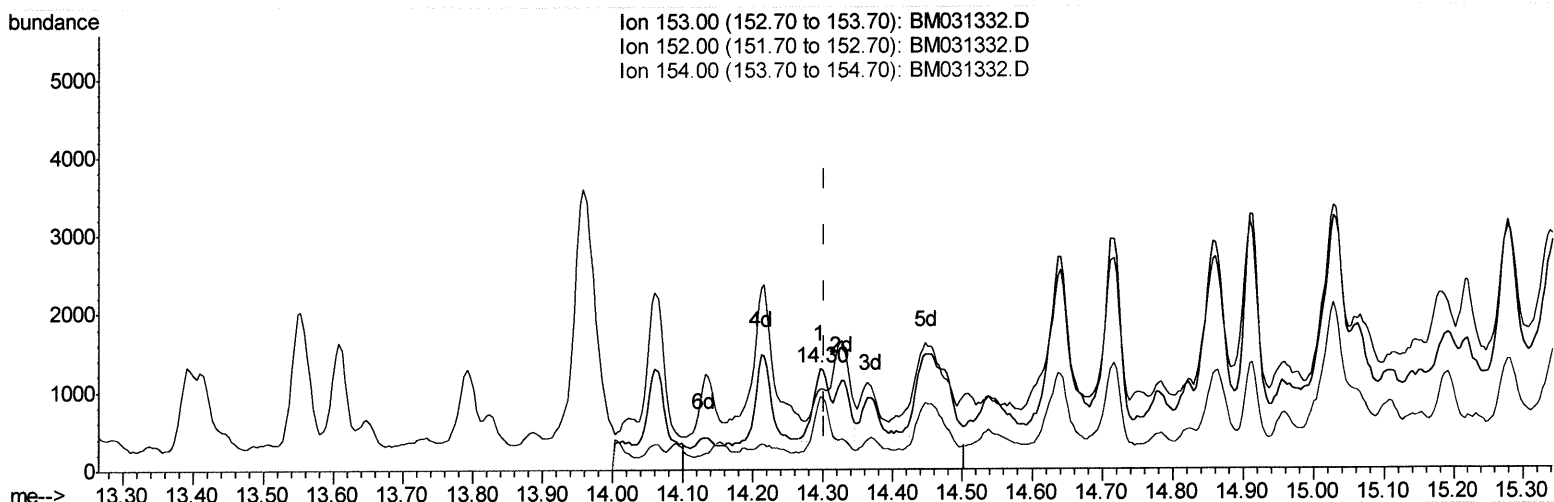
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 Operator : CG/JU
 Sample : M3091-10
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampled :
 C0048

Manual Integrations
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(11) Acenaphthene (C)

14.296min (-0.007) 0.19ng/ul m

response 2541

Ion	Exp%	Act%
153.00	100	100
152.00	50.90	79.53#
154.00	87.70	72.33
0.00	0.00	0.00

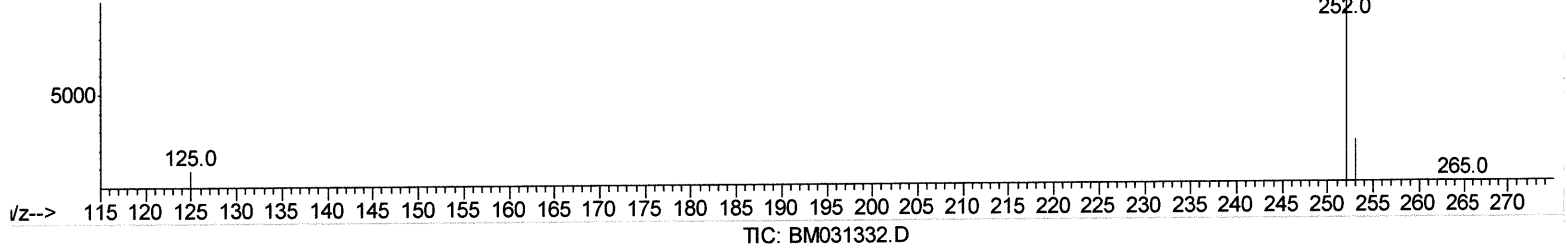
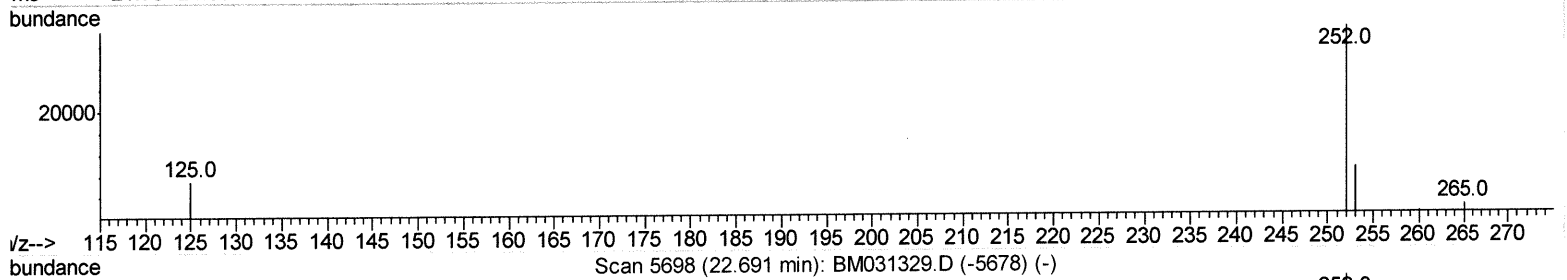
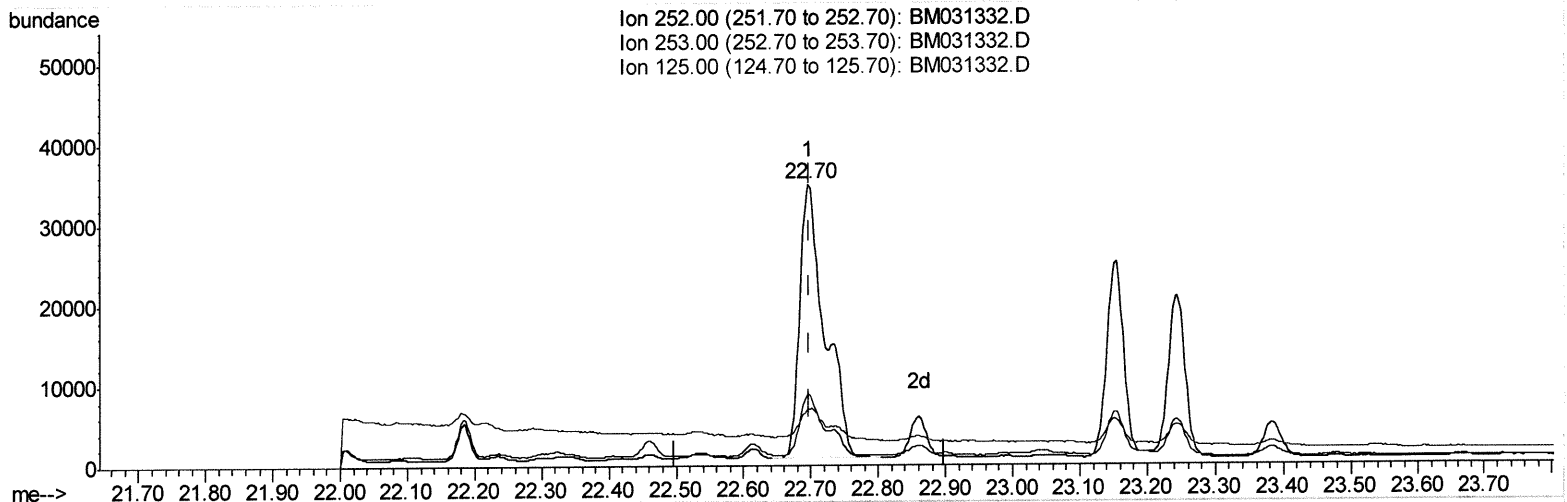
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Sample : M3091-10
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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Manual Integrations
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Quant Time: Aug 02 03:33:36 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SFAM-EPA-SIM-BM072821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 30 14:16:52 2021
Response via : Initial Calibration



(24) Benzo(b)fluoranthene

22.696min (-0.002) 3.32ng/ui

response 88806

Ion	Exp%	Act%
252.00	100	100
253.00	26.50	25.40
125.00	11.40	20.19
0.00	0.00	0.00

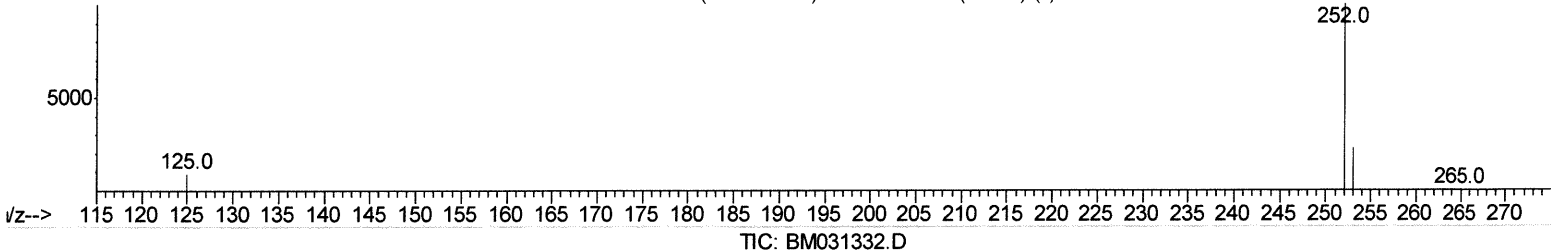
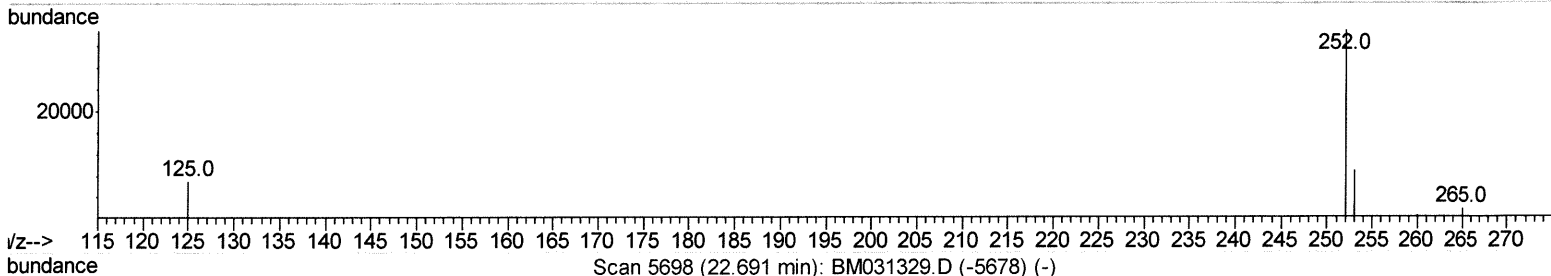
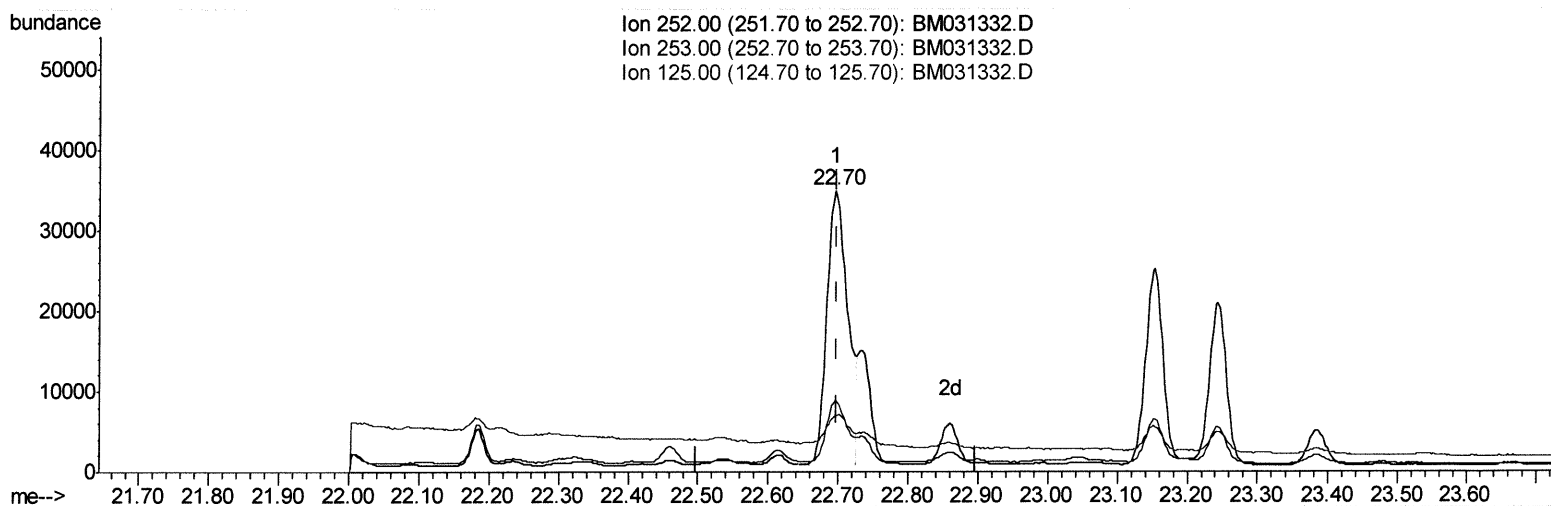
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM072921\
 Data File : BM031332.D
 Acq On : 01 Aug 2021 04:03
 Operator : CG/JU
 Sample : M3091-10
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0048

Manual Integrations
 APPROVED

mohammad
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Quant Time: Aug 02 03:33:36 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SFAM-EPA-SIM-BM072821.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 30 14:16:52 2021
 Response via : Initial Calibration



(24) Benzo(b)fluoranthene

22.696min (-0.002) 2.62ng/ul m

Jul 8/2/21

response 70169

Ion	Exp%	Act%
252.00	100	100
253.00	26.50	25.40
125.00	11.40	20.19
0.00	0.00	0.00

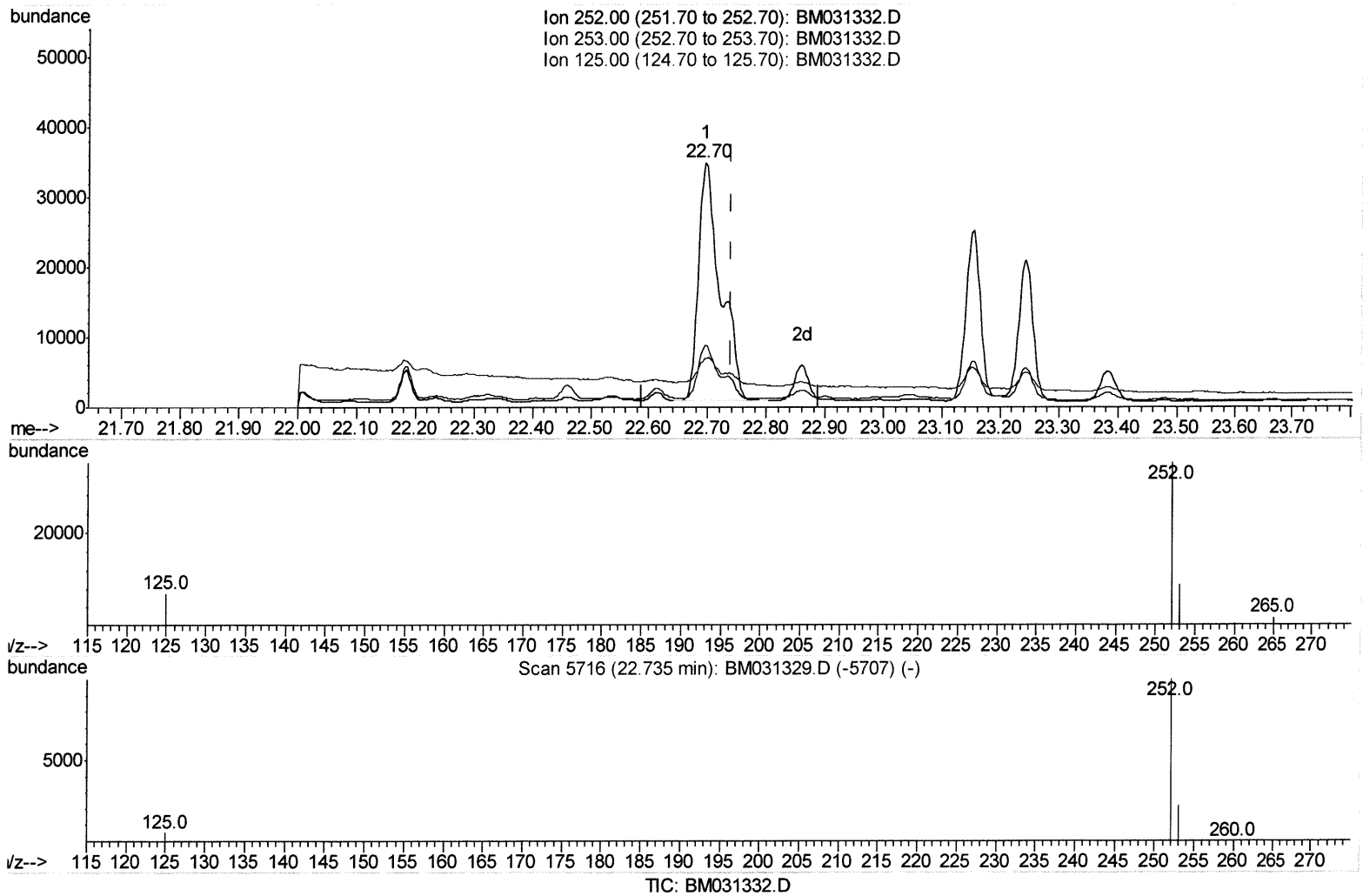
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 Data File : BM031332.D
 Acq On : 01 Aug 2021 04:03
 Operator : CG/JU
 Sample : M3091-10
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0048

Manual Integrations
 APPROVED

mohammad
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Quant Time: Aug 02 03:34:40 2021
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(25) Benzo(k)fluoranthene
 22.696min (-0.043) 3.21ng/ul
 response 88806

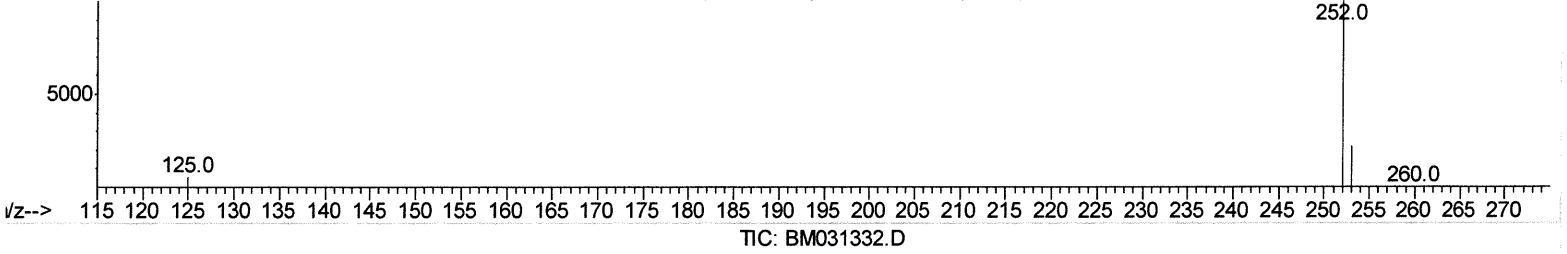
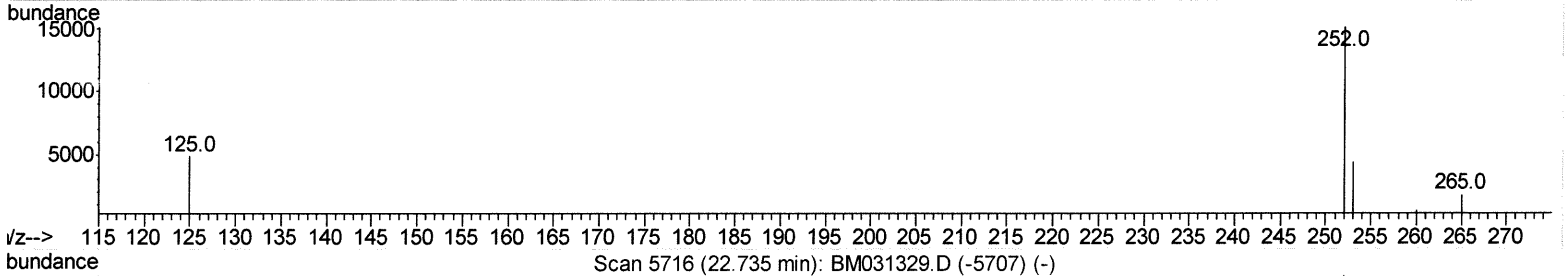
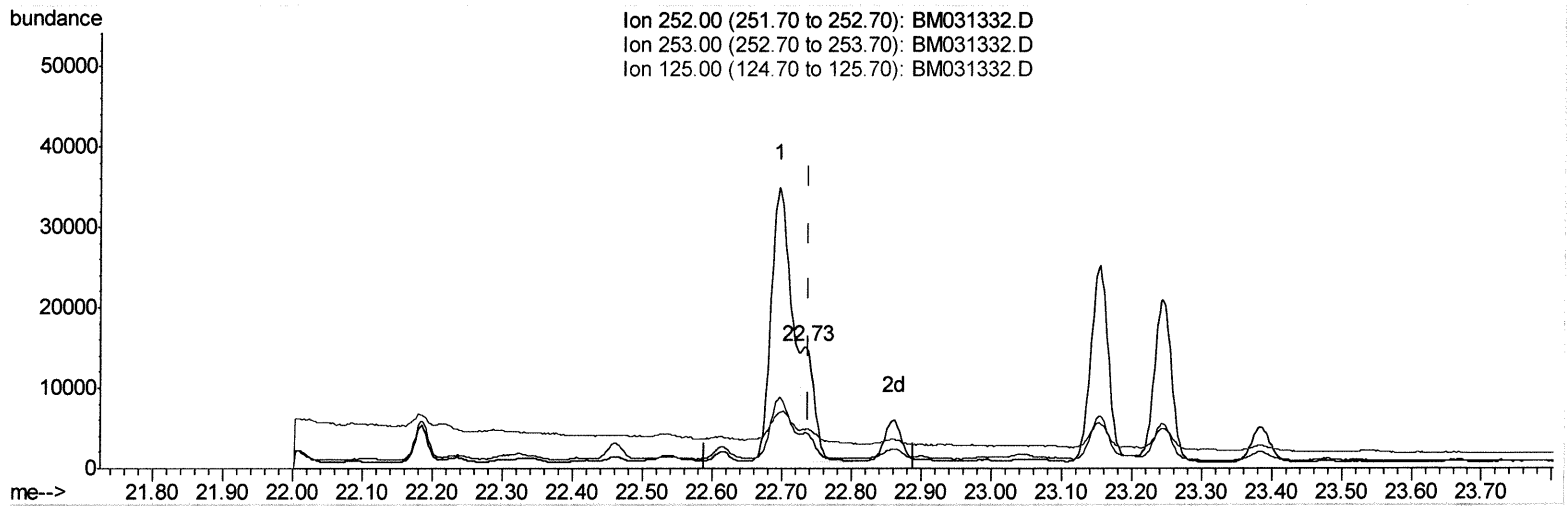
Ion	Exp%	Act%
252.00	100	100
253.00	26.60	25.40
125.00	11.00	20.19#
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM072921\
 Data File : BM031332.D
 Acq On : 01 Aug 2021 04:03
 Operator : CG/JU
 Sample : M3091-10
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0048

Manual Integrations
 APPROVED
 mohammad
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Quant Time: Aug 02 03:34:40 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SFAM-EPA-SIM-BM072821.M
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 Response via : Initial Calibration



(25) Benzo(k)fluoranthene

22.732min (-0.007) 0.69ng/ul m
 response 19184

Ion	Exp%	Act%
252.00	100	100
253.00	26.60	29.11
125.00	11.00	32.05#
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM072921\
 Data File : BM031332.D
 Acq On : 01 Aug 2021 04:03
 Operator : CG/JU
 Sample : M3091-10
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_M
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Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.60	152	1335	0.40	ng/ul	0.00
4) Naphthalene-d8	10.37	136	5065	0.40	ng/ul	0.00
9) Acenaphthene-d10	14.23	164	3818	0.40	ng/ul	0.00
13) Phenanthrene-d10	16.98	188	8283	0.40	ng/ul	0.00
17) Chrysene-d12	21.18	240	6121	0.40	ng/ul	0.00
23) Perylene-d12	23.34	264	5941	0.40	ng/ul	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
3) 1,4-Dioxane-d8	3.20	96	3510	2.37	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.96	152	1532	0.18	ng/ul	0.00
18) Fluoranthene-d10	19.02	212	3905	0.19	ng/ul	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
5) Naphthalene	10.41	128	26152	1.733	ng/ul	98
7) 2-Methylnaphthalene	12.03	142	30982	3.006	ng/ul	100
8) 1-Methylnaphthalene	12.25	142	18431	1.810	ng/ul	99
10) Acenaphthylene	13.96	152	6492	0.399	ng/ul#	26
11) Acenaphthene	14.30	153	2541m	0.186	ng/ul	26
12) Fluorene	15.29	166	4361	0.277	ng/ul#	34
15) Phenanthrene	17.03	178	103801	3.946	ng/ul#	88
16) Anthracene	17.12	178	11190	0.454	ng/ul#	25
19) Fluoranthene	19.05	202	74585	2.854	ng/ul#	93
20) Pyrene	19.41	202	69679	2.628	ng/ul#	91
21) Benzo(a)anthracene	21.16	228	40633	1.644	ng/ul#	82
22) Chrysene	21.21	228	82104	3.211	ng/ul#	85
24) Benzo(b)fluoranthene	22.70	252	70169m	2.621	ng/ul	85
25) Benzo(k)fluoranthene	22.73	252	19184m	0.694	ng/ul	85
26) Benzo(a)pyrene	23.24	252	35080	1.496	ng/ul#	92
27) Indeno(1,2,3-cd)pyrene	25.48	276	29991	0.990	ng/ul#	97
28) Dibenzo(a,h)anthracene	25.49	278	10436	0.427	ng/ul#	68
29) Benzo(a,h,i)perylene	26.13	276	30710	1.188	ng/ul#	95

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