

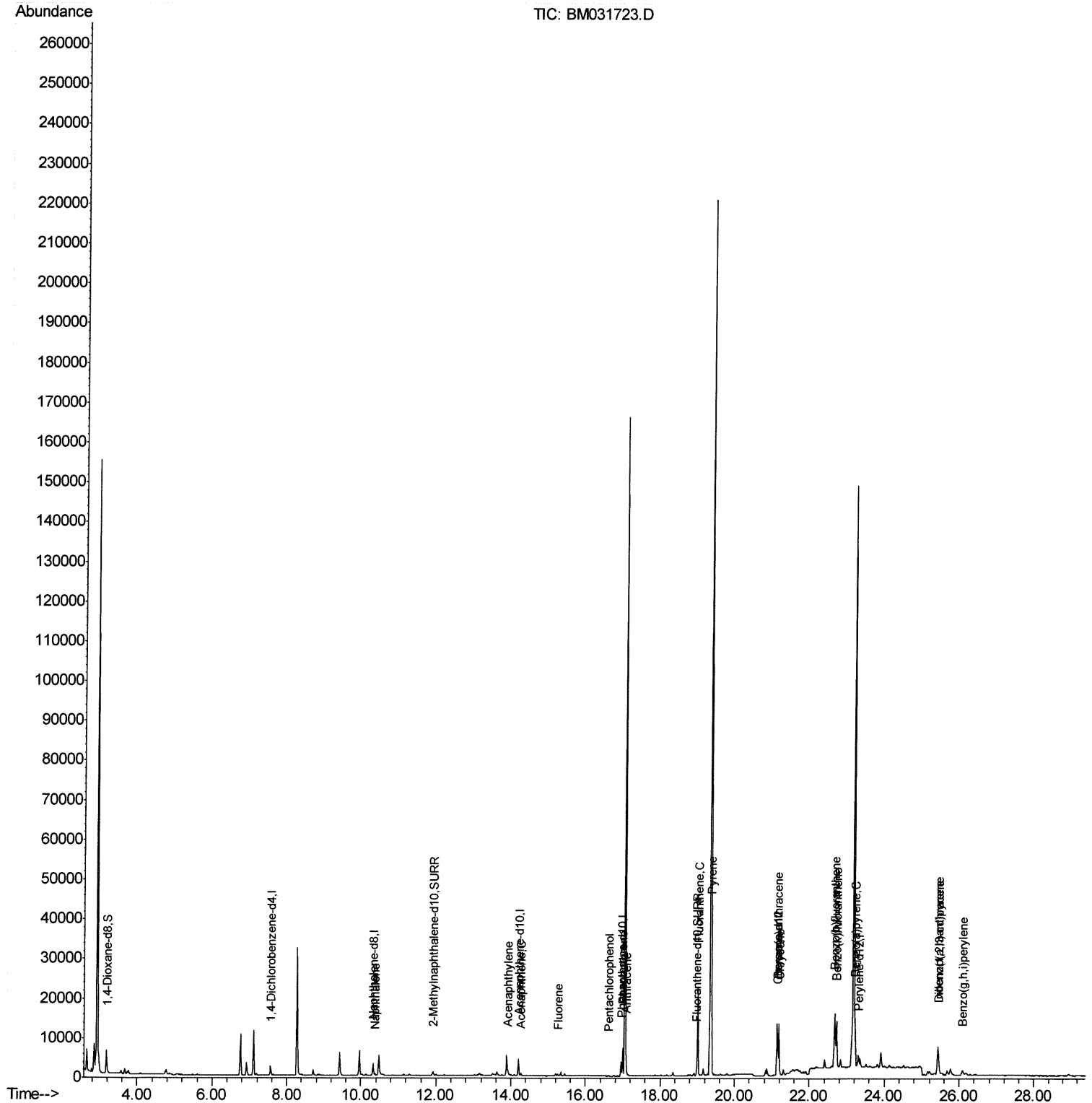
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM081221\
Data File : BM031723.D
Acq On : 13 Aug 2021 20:14
Operator : CG/JU
Sample : M3220-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
JCEN1

Manual Integrations
APPROVED

mohammad
8/16/2021 8:40:30 AM

Quant Time: Aug 14 01:23:49 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 : Thu Aug 12 17:28:09 2021
Response via : Initial Calibration



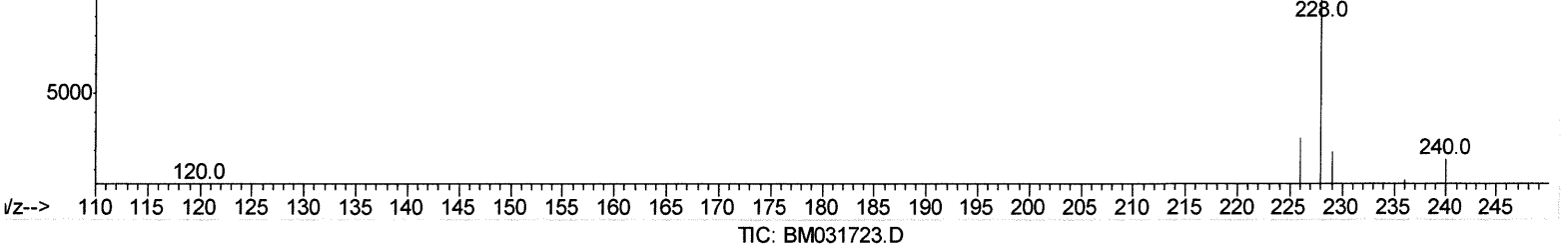
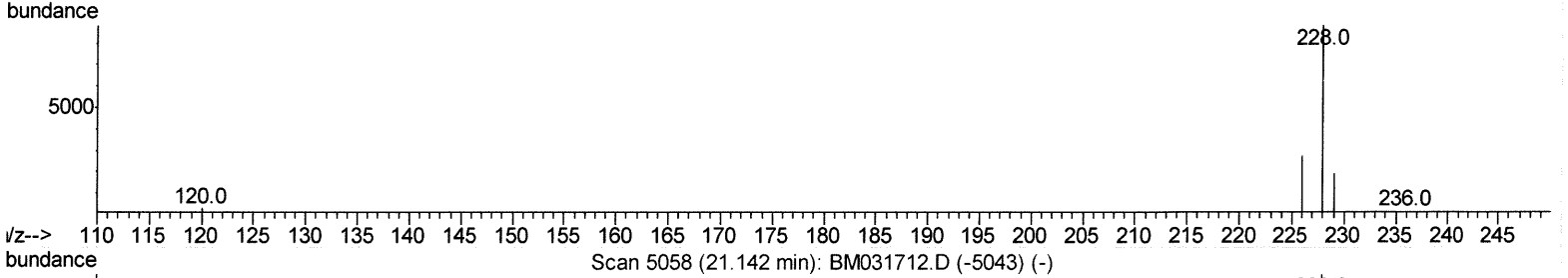
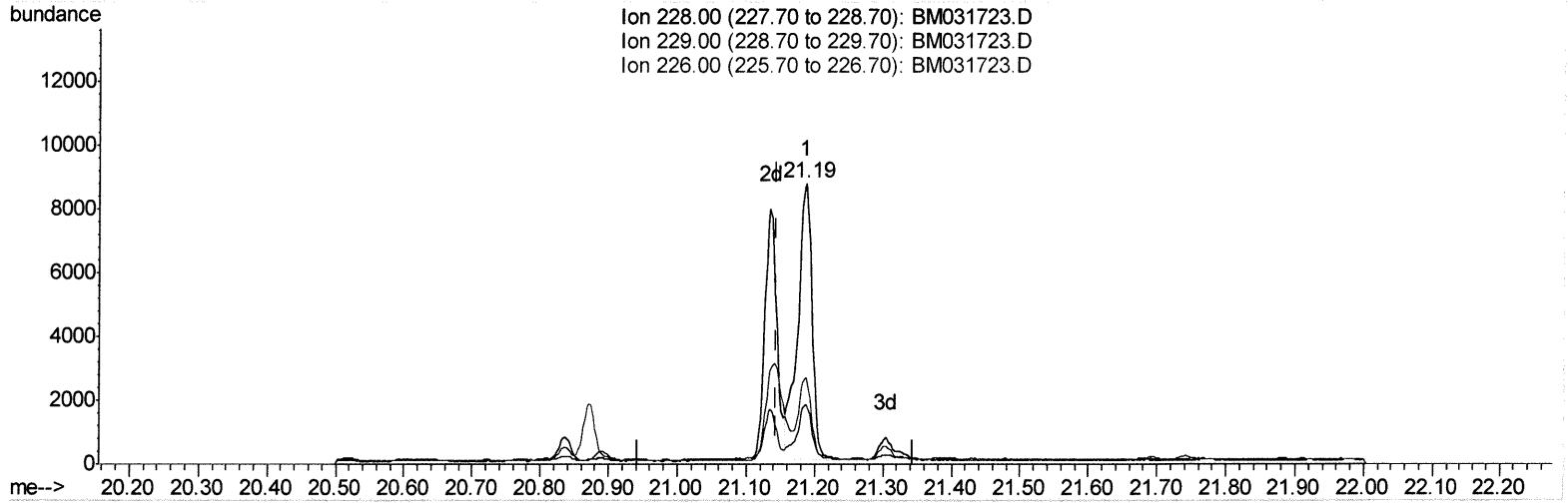
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(21) Benzo(a)anthracene

21.188min (+0.044) 0.87ng/ul

response 12990

Ion	Exp%	Act%
228.00	100	100
229.00	19.50	21.52
226.00	27.10	30.79
0.00	0.00	0.00

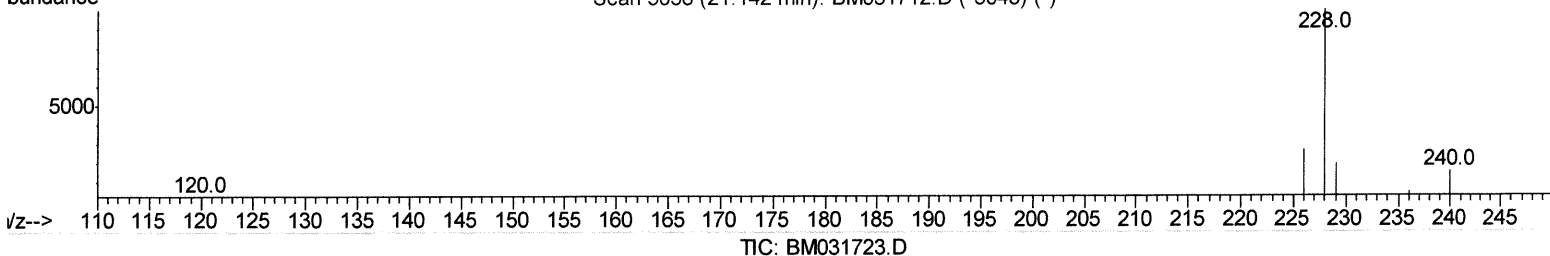
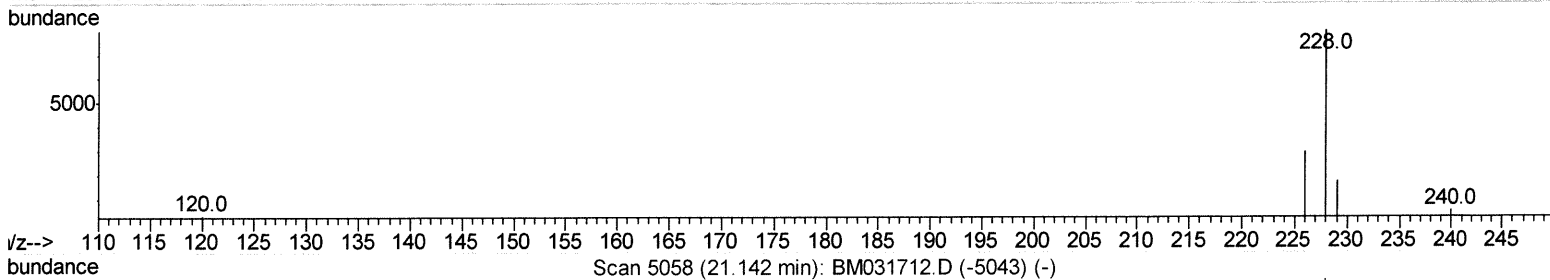
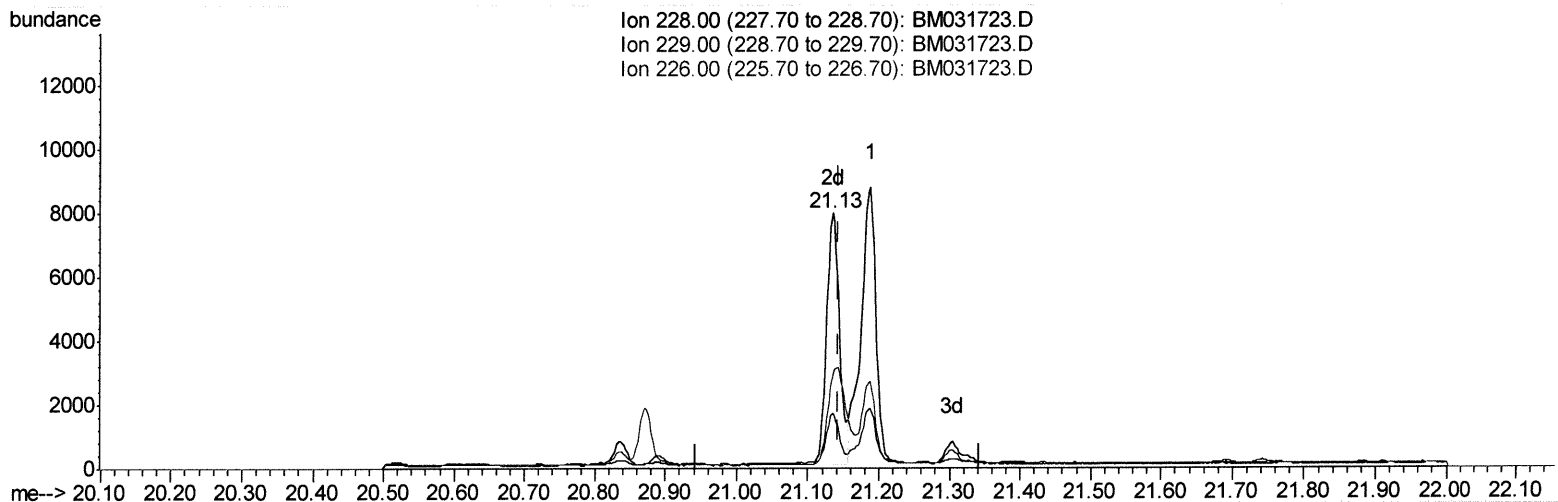
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(21) Benzo(a)anthracene

21.134min (-0.010) 0.65ng/ul m

response 9806

Ion	Exp%	Act%
228.00	100	100
229.00	19.50	21.63
226.00	27.10	36.72#
0.00	0.00	0.00

Je 8/16/21

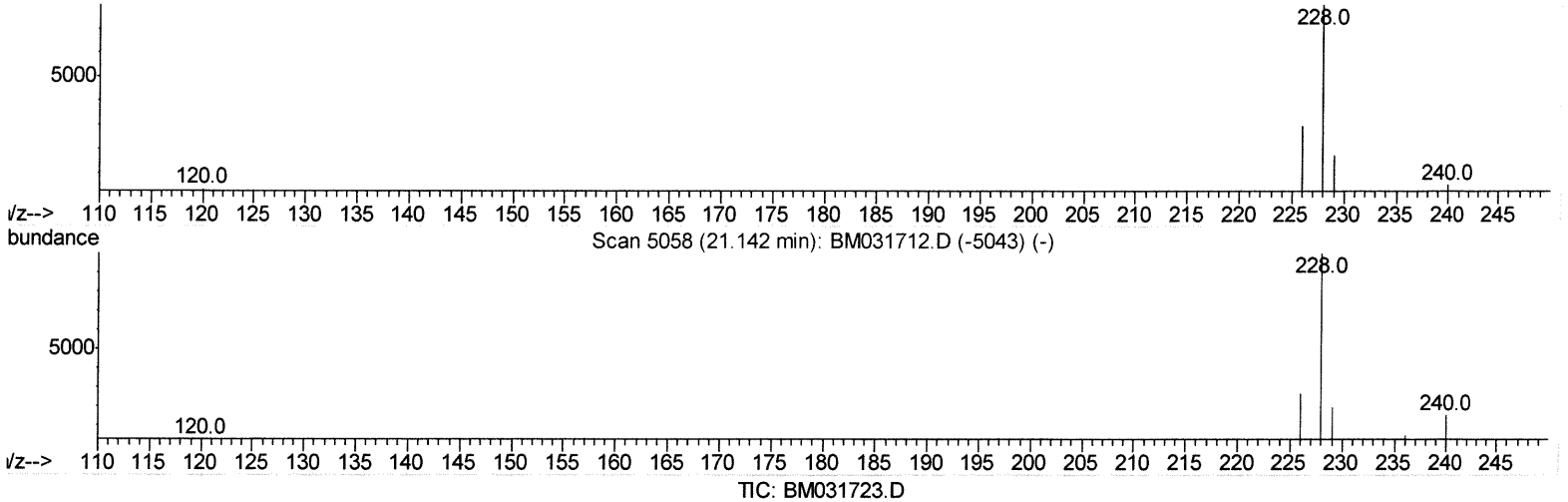
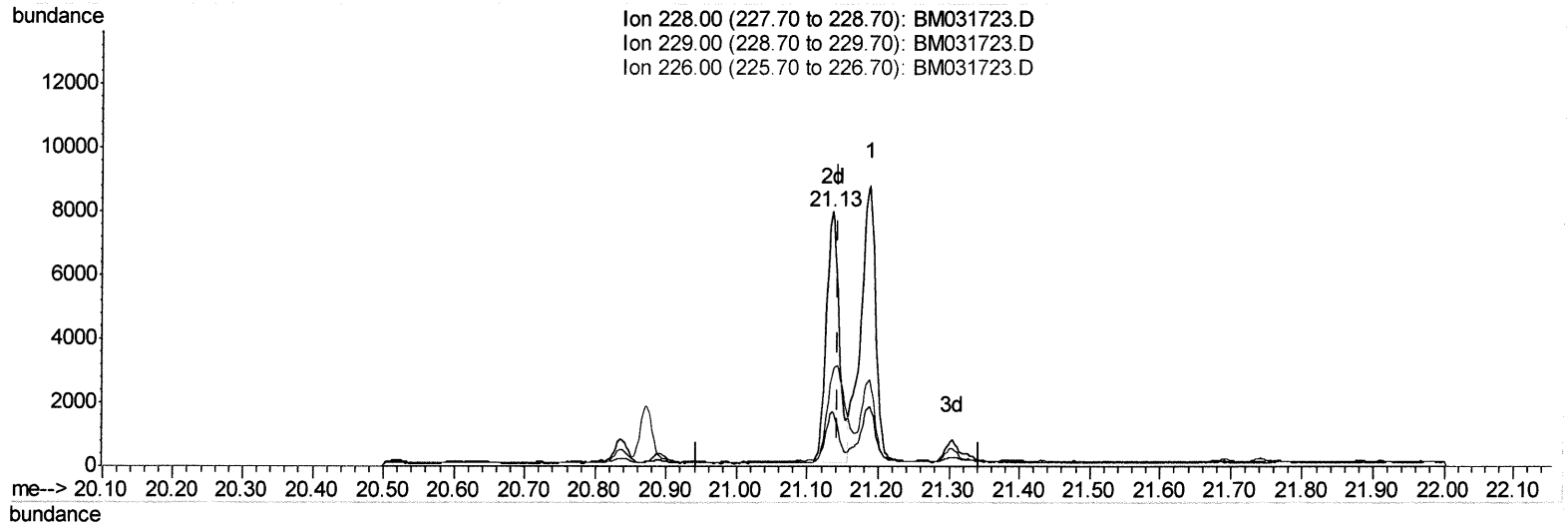
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 QLast Update : Thu Aug 12 17:28:09 2021
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(21) Benzo(a)anthracene

21.134min (-0.010) 0.65ng/ul m

response 9806

Ion	Exp%	Act%
228.00	100	100
229.00	19.50	21.63
226.00	27.10	36.72#
0.00	0.00	0.00

08/16/21

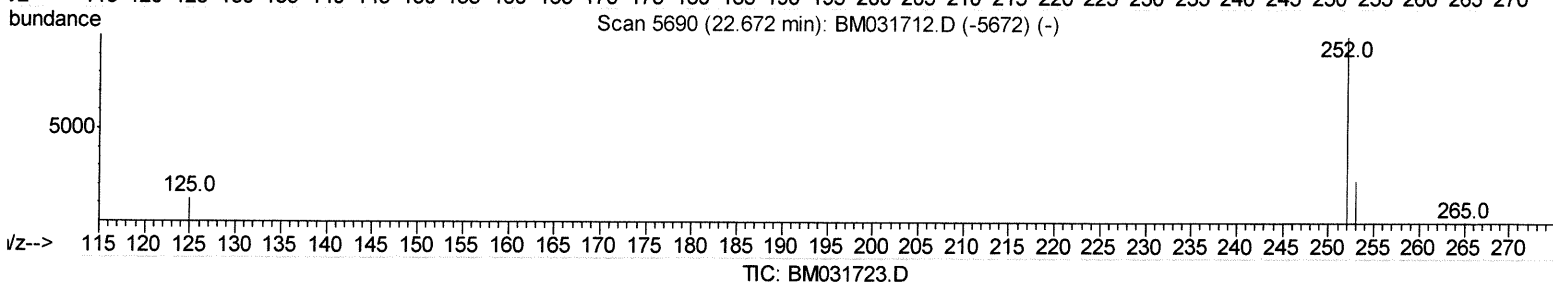
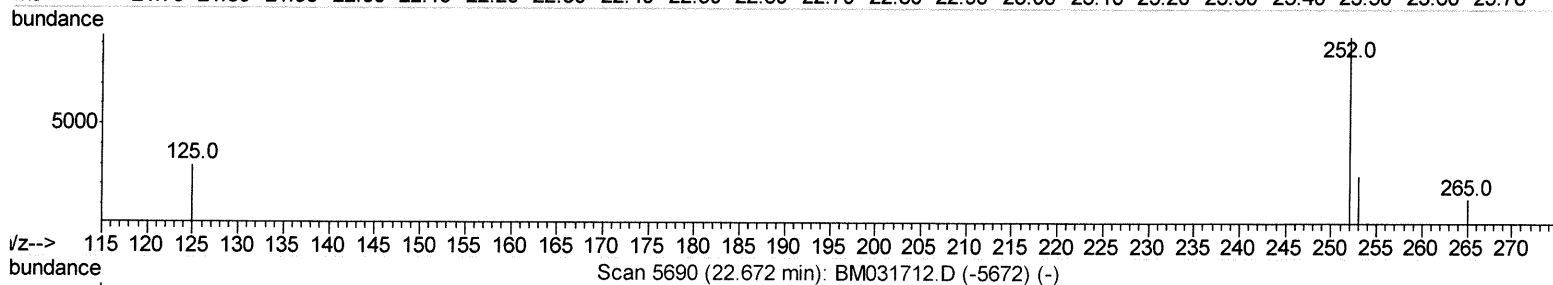
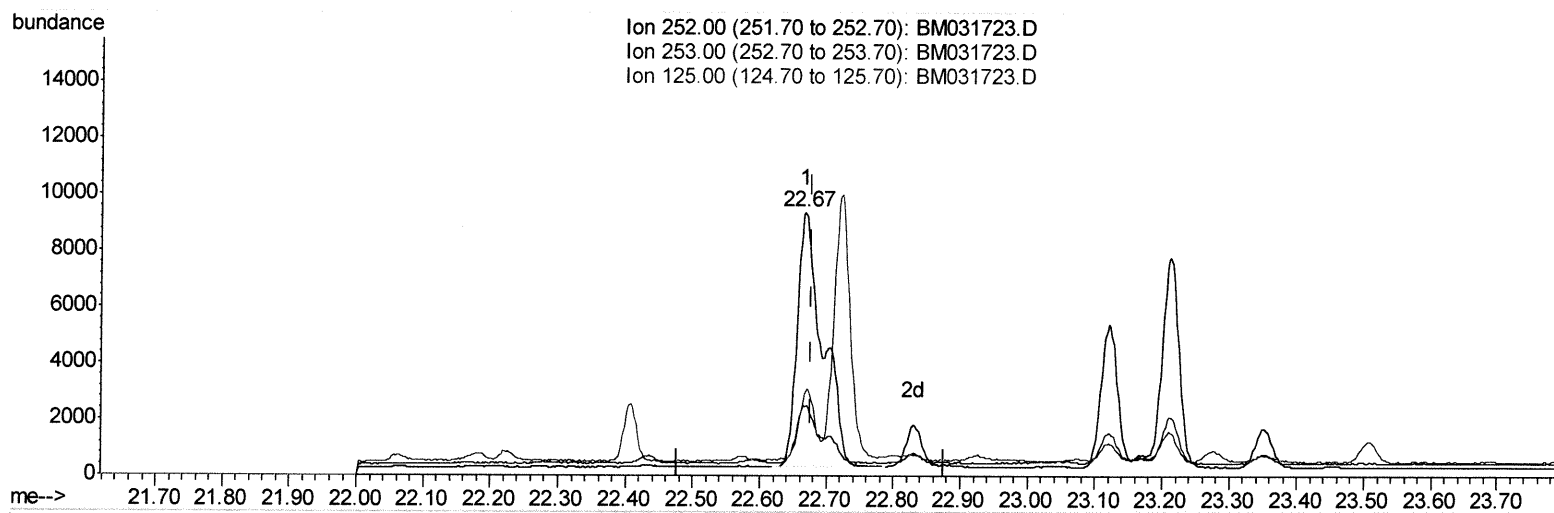
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(24) Benzo(b)fluoranthene

22.667min (-0.010) 1.43ng/ul

response 24223

Ion	Exp%	Act%
252.00	100	100
253.00	26.50	26.38
125.00	11.40	31.27#
0.00	0.00	0.00

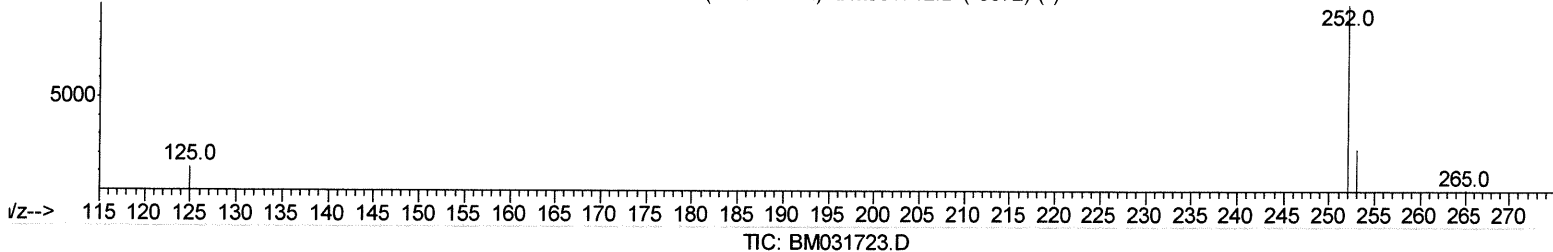
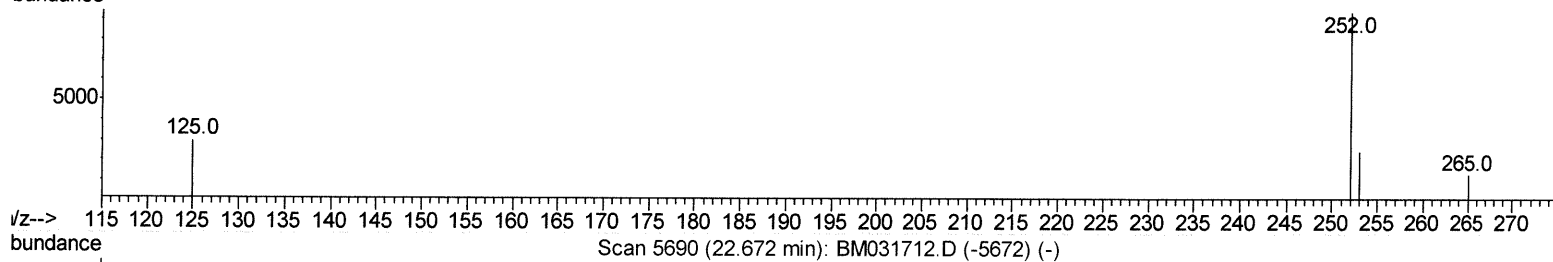
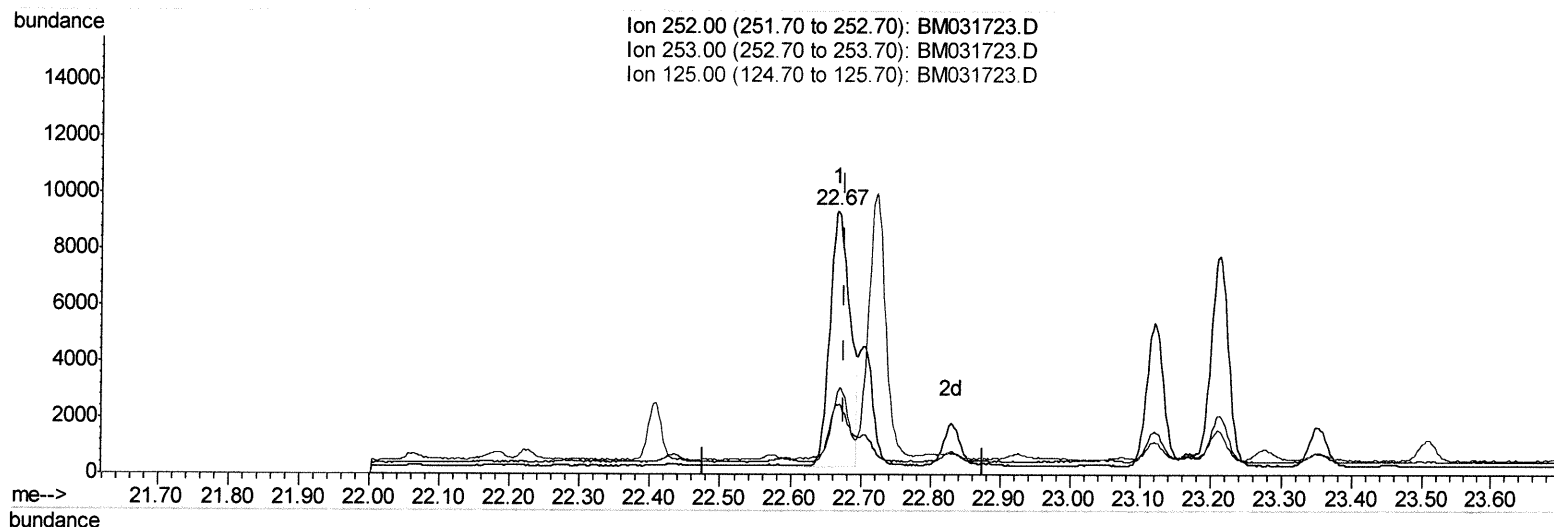
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM081221\
 Data File : BM031723.D
 Acq On : 13 Aug 2021 20:14
 Operator : CG/JU
 Sample : M3220-01
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 JCEN1

Manual Integrations
 APPROVED

mohammad
 8/16/2021 8:40:30 AM

Quant Time: Aug 14 01:21:36 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 : Thu Aug 12 17:28:09 2021
 Response via : Initial Calibration



(24) Benzo(b)fluoranthene

22.667min (-0.010) 1.07ng/ul m

response 18038

Ion	Exp%	Act%
252.00	100	100
253.00	26.50	26.38
125.00	11.40	31.27#
0.00	0.00	0.00

Handwritten: 34 8/16/21

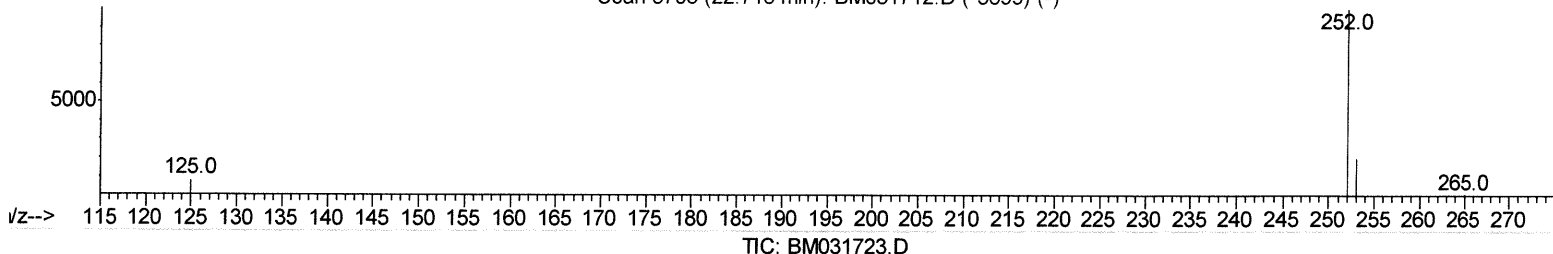
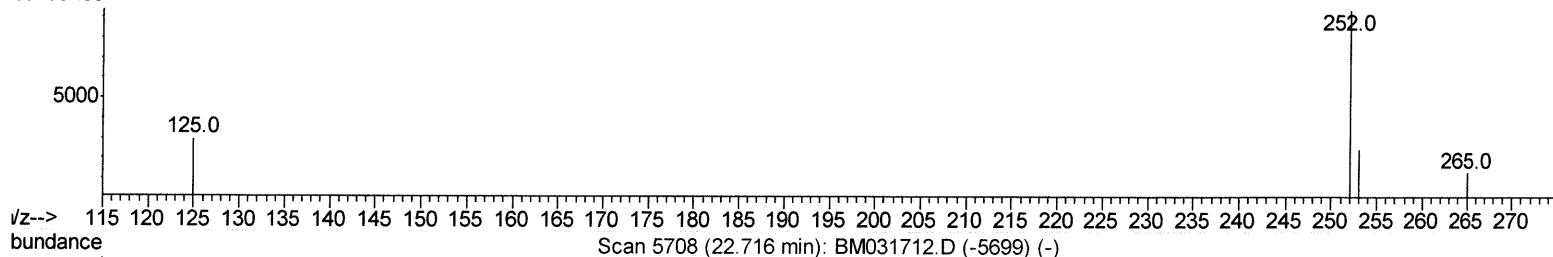
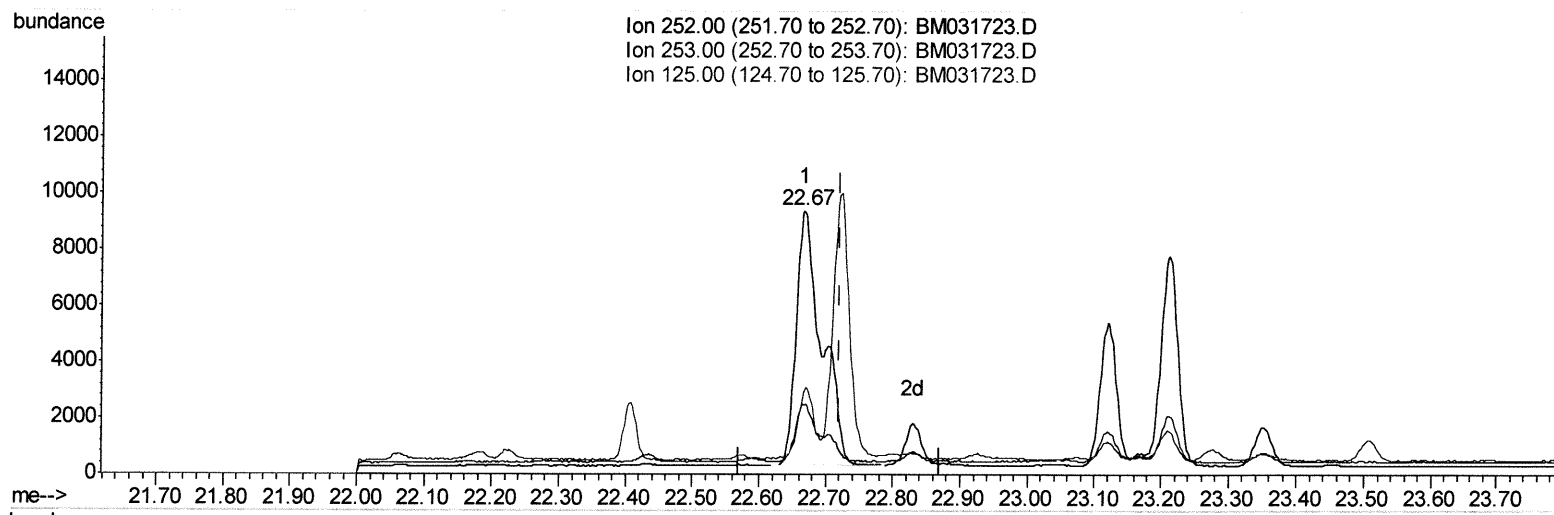
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM081221\
 Data File : BM031723.D
 Acq On : 13 Aug 2021 20:14
 Operator : CG/JU
 Sample : M3220-01
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
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 ClientSampleId :
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Manual Integrations
 APPROVED

mohammad
 8/16/2021 8:40:30 AM

Quant Time: Aug 14 01:22:41 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 : Thu Aug 12 17:28:09 2021
 Response via : Initial Calibration



(25) Benzo(k)fluoranthene

22.667min (-0.053) 1.39ng/ul

response 24223

Ion	Exp%	Act%
252.00	100	100
253.00	26.60	26.38
125.00	11.00	31.27#
0.00	0.00	0.00

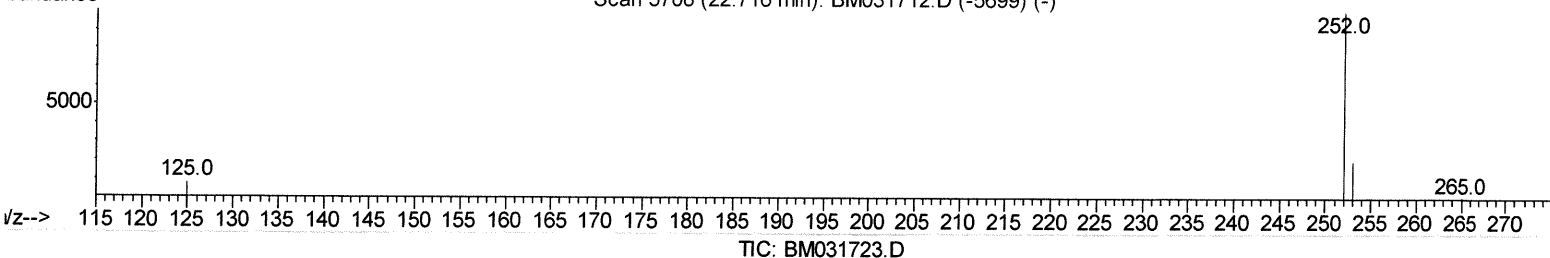
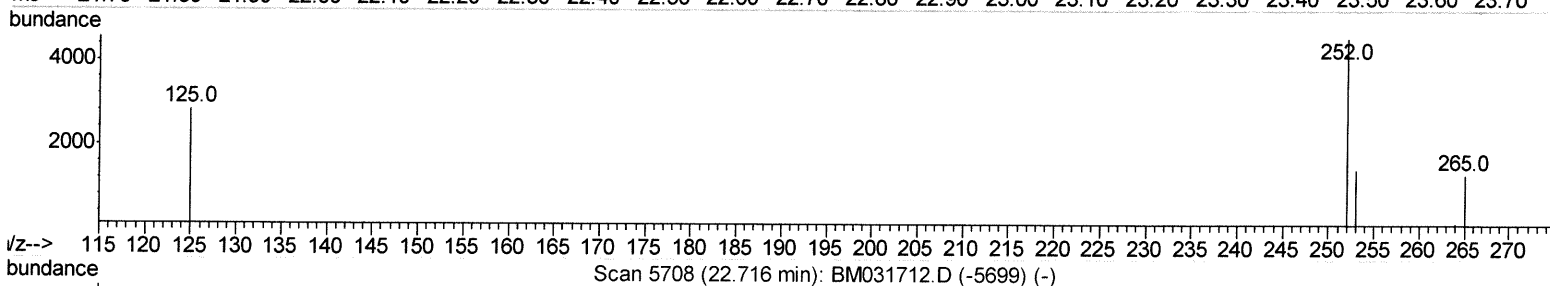
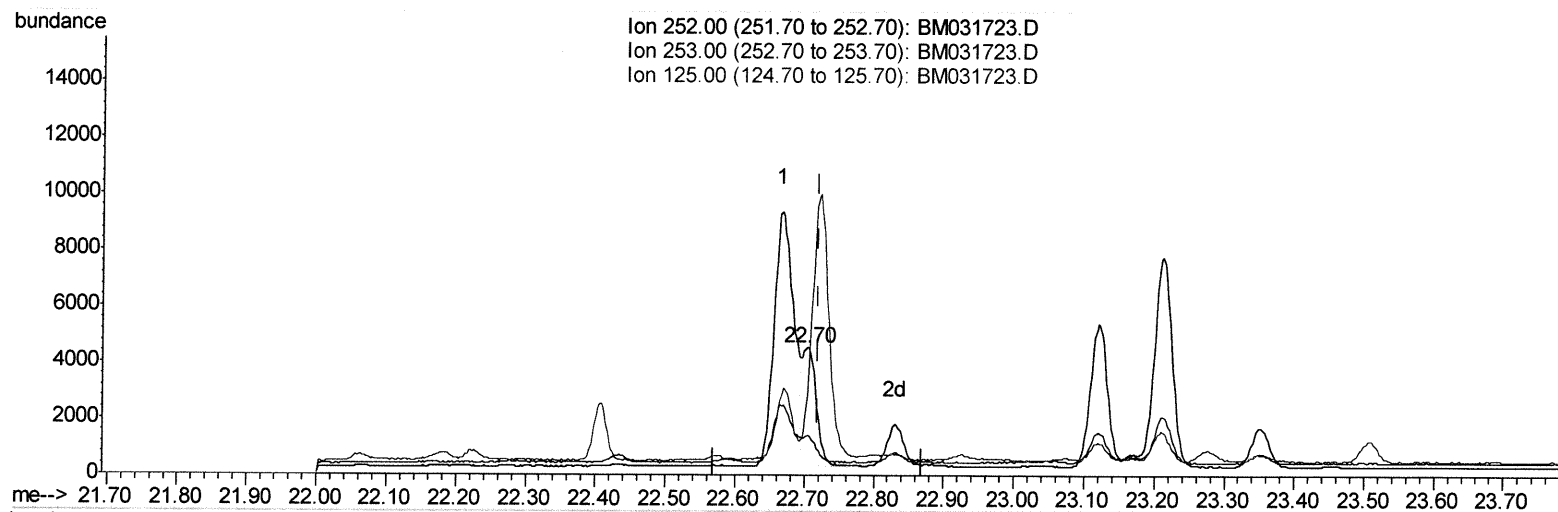
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM081221\
 Data File : BM031723.D
 Acq On : 13 Aug 2021 20:14
 Operator : CG/JU
 Sample : M3220-01
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 JCEN1

Manual Integrations
 APPROVED

mohammad
 8/16/2021 8:40:30 AM

Quant Time: Aug 14 01:22:41 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SFAM-EPA-SIM-BM072821.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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 Response via : Initial Calibration



(25) Benzo(k)fluoranthene

22.703min (-0.017) 0.36ng/ul m

response 6235

Ion	Exp%	Act%
252.00	100	100
253.00	26.60	30.87
125.00	11.00	62.14#
0.00	0.00	0.00

Je 8/16/21

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM081221\
 Data File : BM031723.D
 Acq On : 13 Aug 2021 20:14
 Operator : CG/JU
 Sample : M3220-01
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.57	152	1097	0.40	ng/ul	0.00
4) Naphthalene-d8	10.32	136	4049	0.40	ng/ul	0.00
9) Acenaphthene-d10	14.20	164	2333	0.40	ng/ul	0.00
13) Phenanthrene-d10	16.95	188	4427	0.40	ng/ul	-0.01
17) Chrysene-d12	21.15	240	3717	0.40	ng/ul	0.00
23) Perylene-d12	23.31	264	3757	0.40	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.18	96	3744	3.07	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.92	152	1335	0.20	ng/ul	0.00
18) Fluoranthene-d10	18.99	212	2553	0.21	ng/ul	-0.01
Target Compounds						
					Ovalue	
5) Naphthalene	10.37	128	542	0.045	ng/ul#	71
10) Acenaphthylene	13.92	152	1386	0.139	ng/ul#	90
11) Acenaphthene	14.26	153	435	0.052	ng/ul	96
12) Fluorene	15.26	166	369	0.038	ng/ul#	91
14) Pentachlorophenol	16.61	266	66	0.047	ng/ul#	90
15) Phenanthrene	17.00	178	7285	0.518	ng/ul	99
16) Anthracene	17.09	178	1781	0.135	ng/ul#	91
19) Fluoranthene	19.02	202	19084	1.202	ng/ul	96
20) Pyrene	19.38	202	23573	1.464	ng/ul	96
21) Benzo(a)anthracene	21.13	228	9806m	0.653	ng/ul	96 8/16/21
22) Chrysene	21.19	228	12966	0.835	ng/ul	99
24) Benzo(b)fluoranthene	22.67	252	18038m	1.066	ng/ul	96 8/16/21
25) Benzo(k)fluoranthene	22.70	252	6235m	0.357	ng/ul	96
26) Benzo(a)pyrene	23.21	252	13046	0.880	ng/ul#	95
27) Indeno(1,2,3-cd)pyrene	25.44	276	11377	0.594	ng/ul#	93
28) Dibenzo(a,h)anthracene	25.45	278	2268	0.147	ng/ul#	64
29) Benzo(a,h,i)perylene	26.09	276	2501	0.153	ng/ul#	75

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