

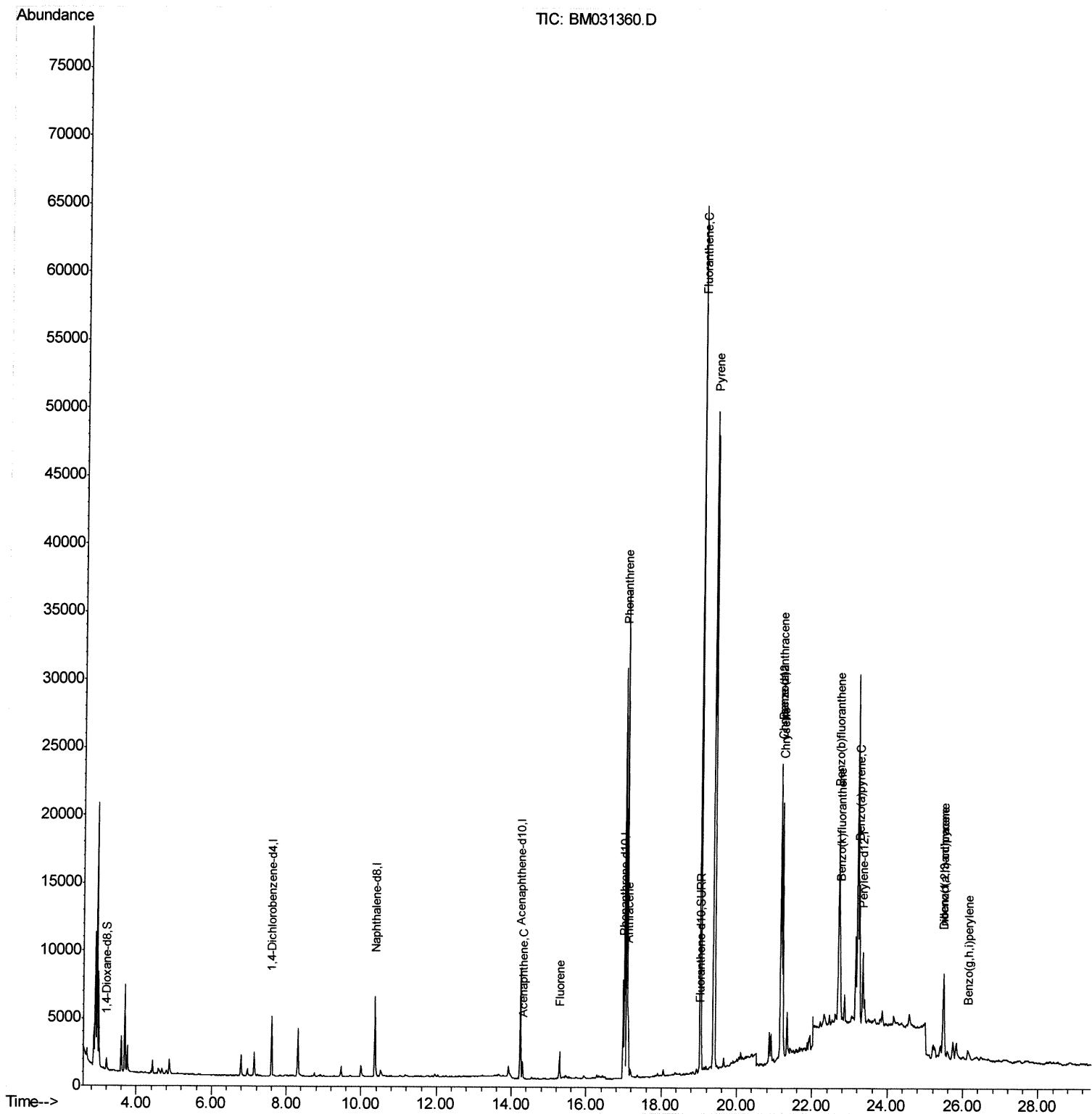
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM072921\
Data File : BM031360.D
Acq On : 01 Aug 2021 22:15
Operator : CG/JU
Sample : M3106-09DL 5X
Misc :
ALS Vial : 56 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BGD20DL

Quant Time: Aug 02 06:05:43 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

Manual Integrations
APPROVED

mohammad
8/2/2021 3:43:39 PM



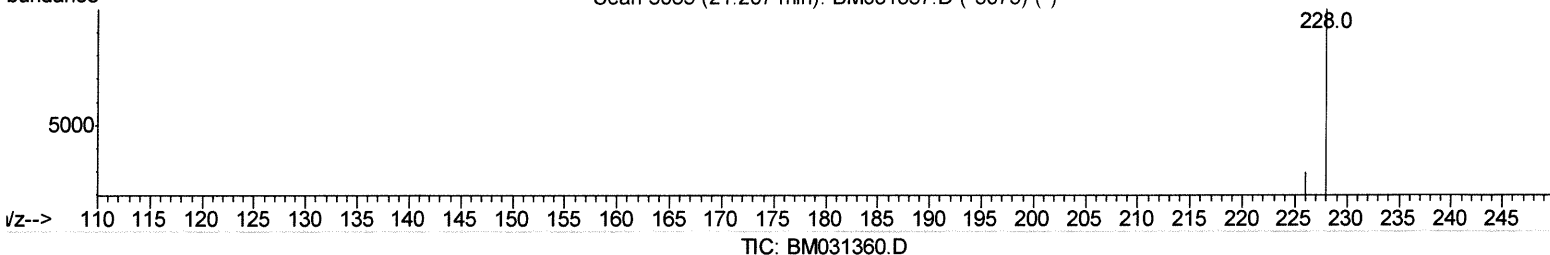
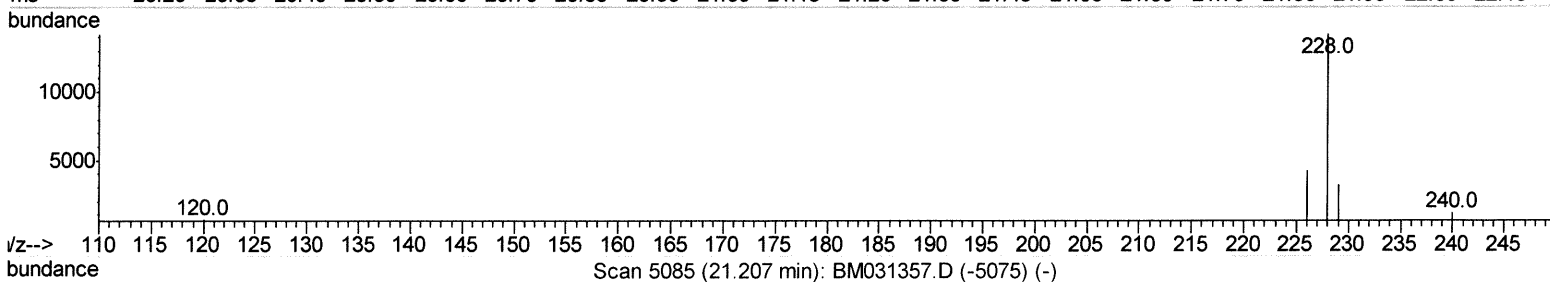
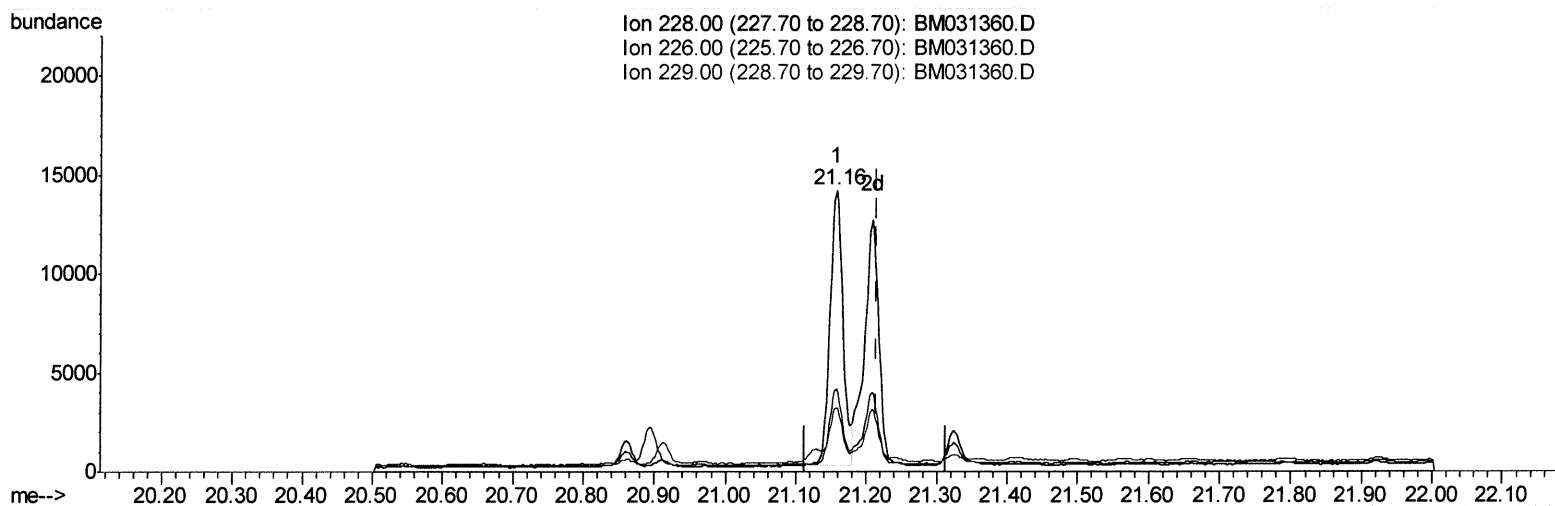
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Quant Time: Aug 02 01:18:18 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SFAM-EPA-SIM-BM072821.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 30 14:16:52 2021
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(22) Chrysene

21.157min (-0.057) 0.63ng/ul

response 17891

Ion	Exp%	Act%
228.00	100	100
226.00	30.90	29.72
229.00	20.20	22.73
0.00	0.00	0.00

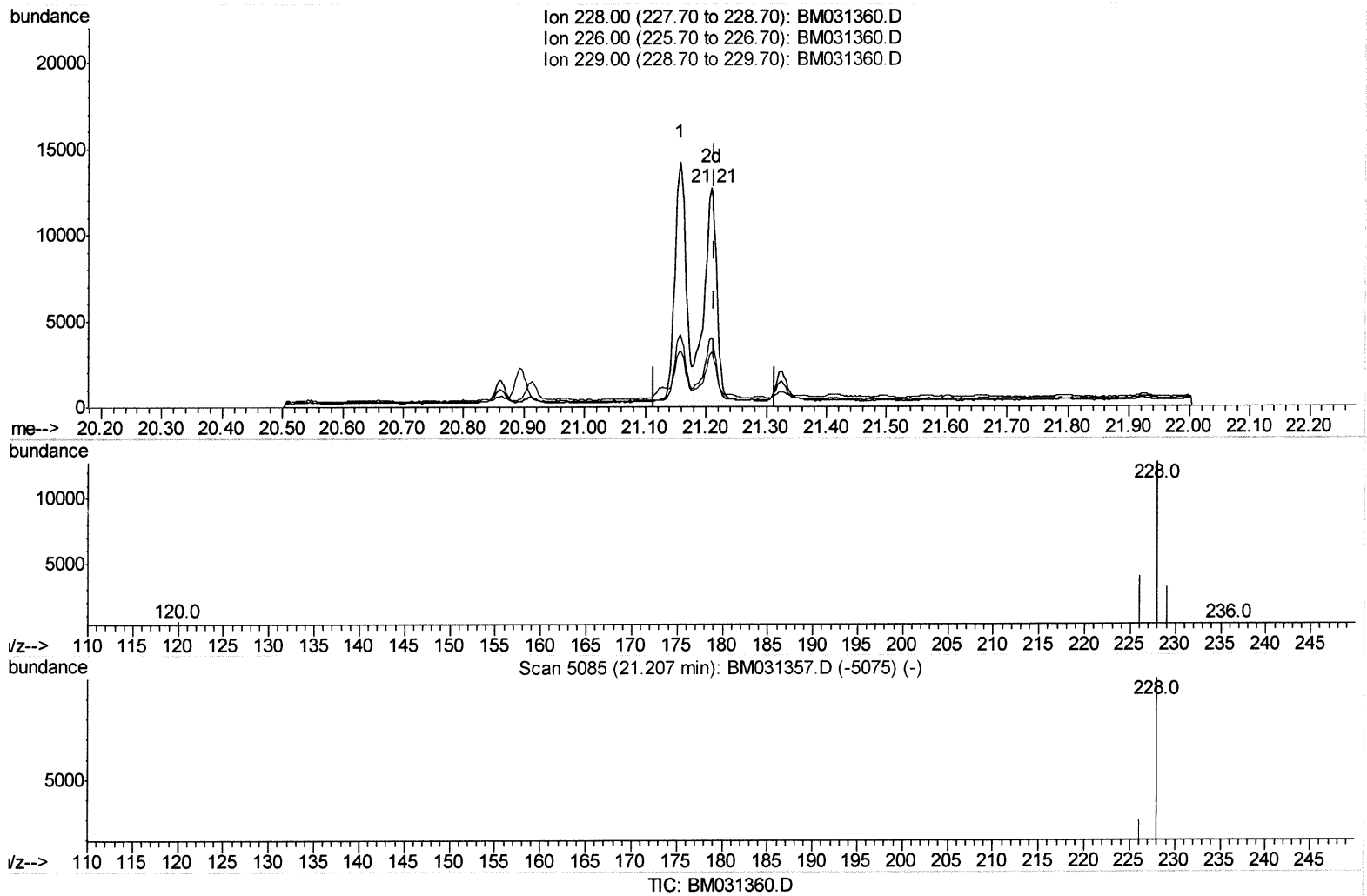
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM072921\
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Acq On : 01 Aug 2021 22:15
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Misc :
ALS Vial : 56 Sample Multiplier: 1

Instrument :
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Quant Time: Aug 02 01:18:18 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SFAM-EPA-SIM-BM072821.M
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QLast Update : Fri Jul 30 14:16:52 2021
Response via : Initial Calibration



(22) Chrysene

21.208min (-0.006) 0.63ng/ul m

response 17882

Ion	Exp%	Act%
228.00	100	100
226.00	30.90	31.26
229.00	20.20	24.65#
0.00	0.00	0.00

JU 8/2/21

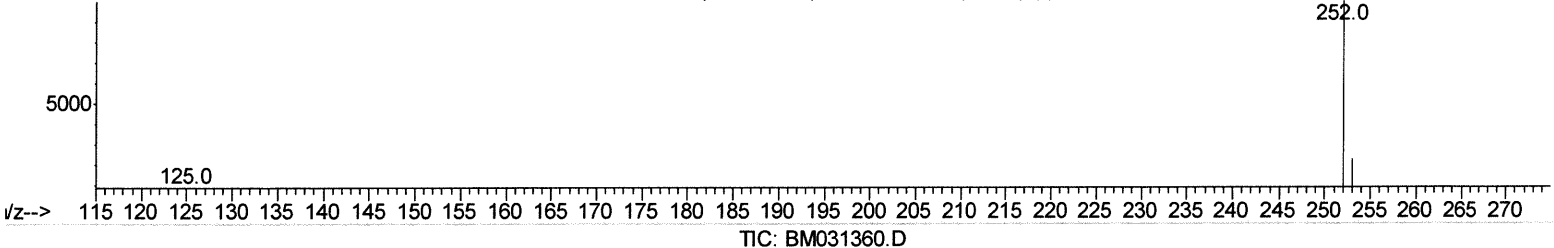
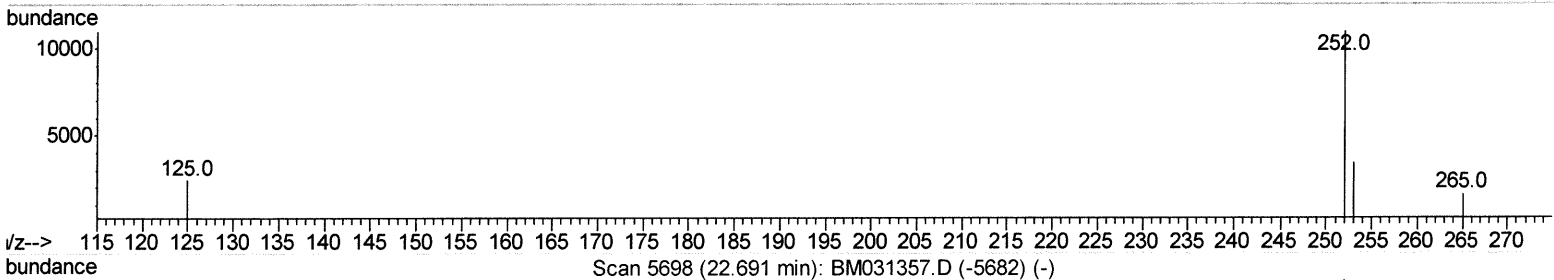
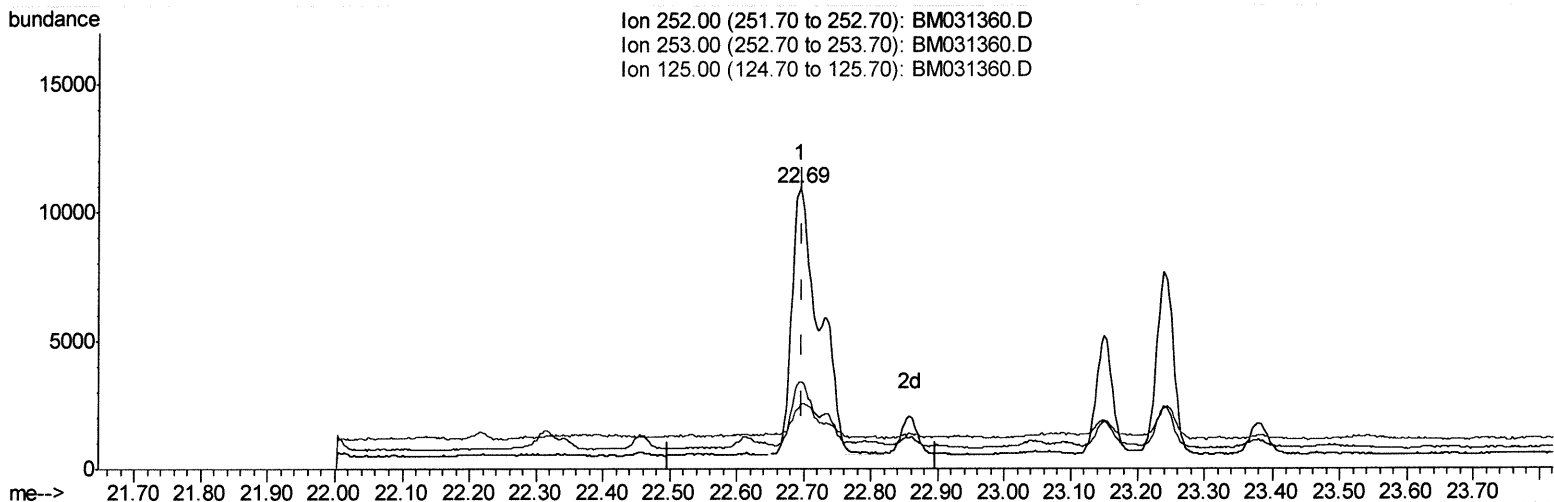
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM072921\
 Data File : BM031360.D
 Acq On : 01 Aug 2021 22:15
 Operator : CG/JU
 Sample : M3106-09DL 5X
 Misc :
 ALS Vial : 56 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BGD20DL

Manual Integrations
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Quant Time: Aug 02 06:03:55 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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(24) Benzo(b)fluoranthene

22.695min (-0.004) 1.02ng/ul

response 29778

Ion	Exp%	Act%
252.00	100	100
253.00	26.50	31.00
125.00	11.40	22.47
0.00	0.00	0.00

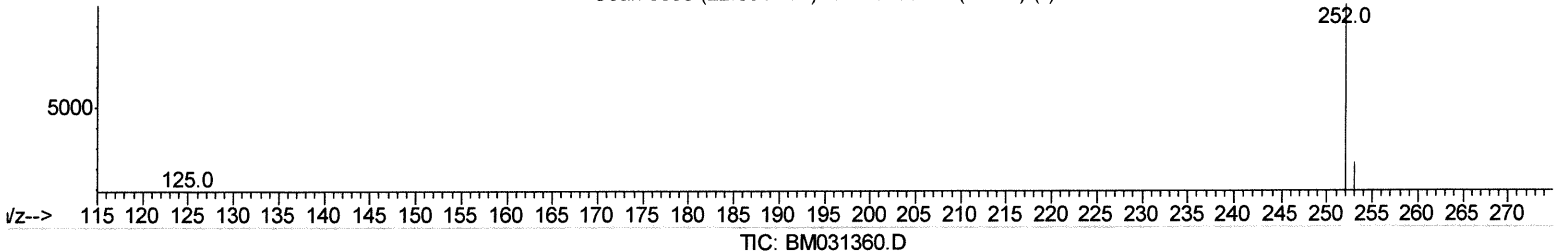
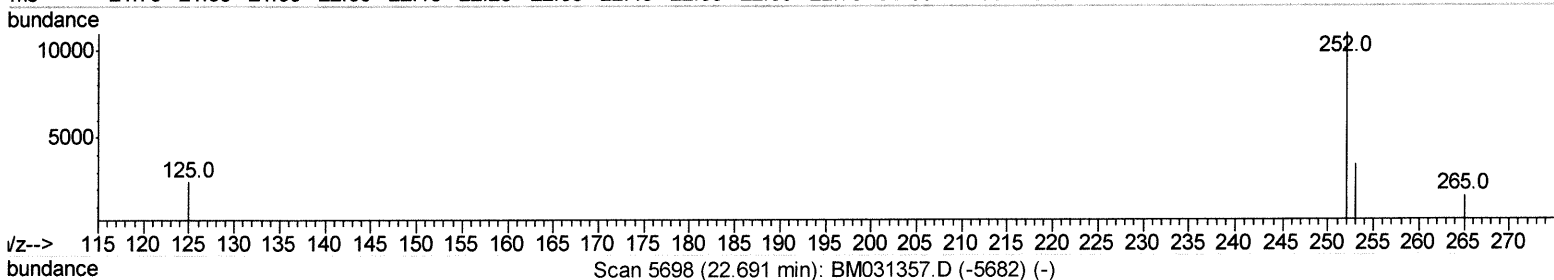
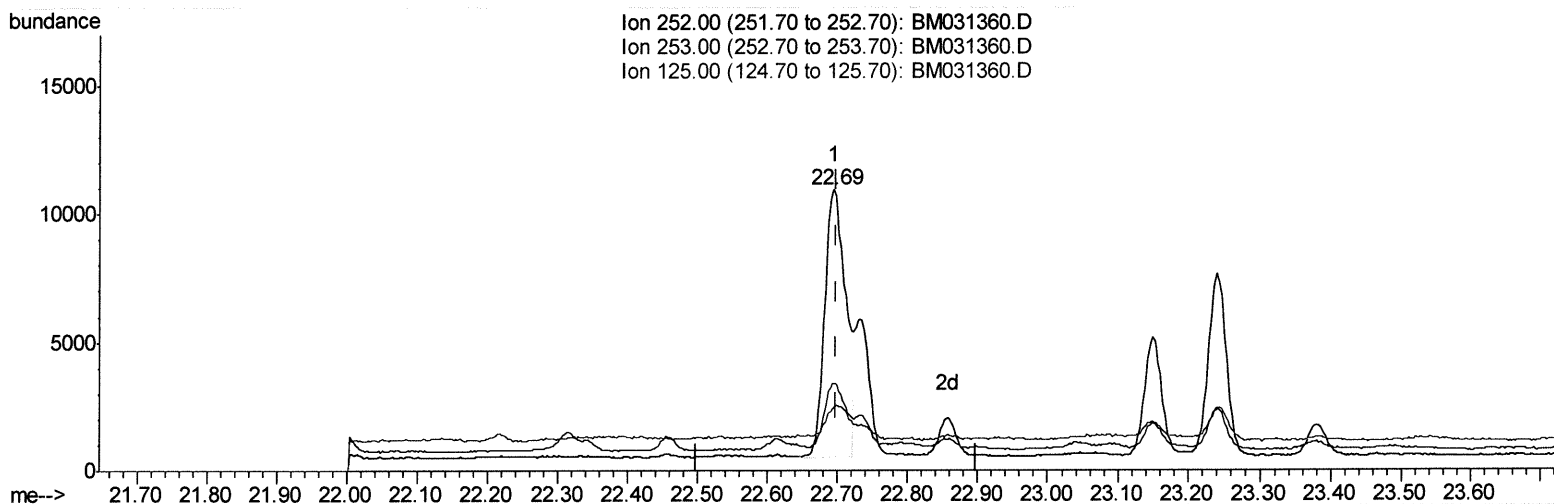
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM072921\
 Data File : BM031360.D
 Acq On : 01 Aug 2021 22:15
 Operator : CG/JU
 Sample : M3106-09DL 5X
 Misc :
 ALS Vial : 56 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BGD20DL

Manual Integrations
 APPROVED

mohammad
 8/2/2021 3:43:39 PM

Quant Time: Aug 02 06:03:55 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

22.695min (-0.004) 0.74ng/ul m

response 21832

Ion	Exp%	Act%
252.00	100	100
253.00	26.50	31.00
125.00	11.40	22.47
0.00	0.00	0.00

JU 8/3/21

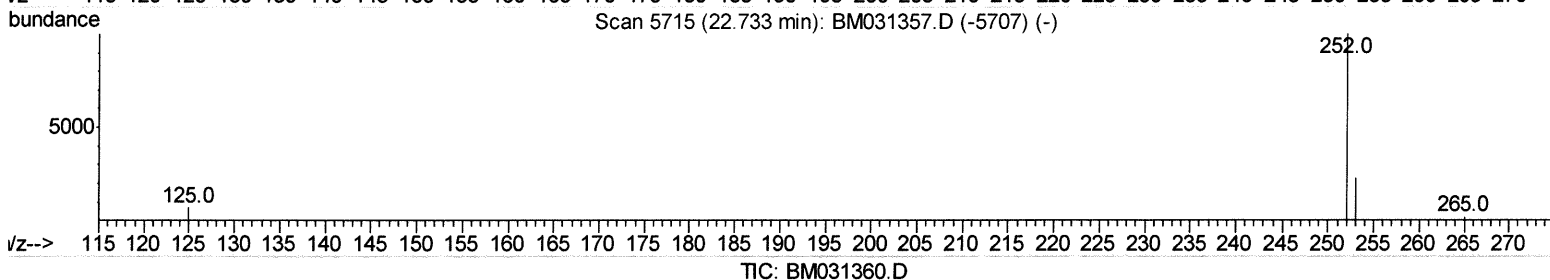
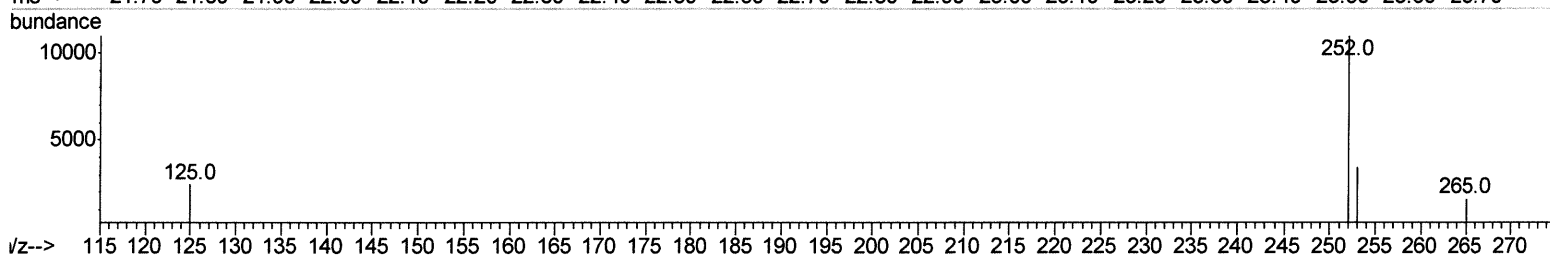
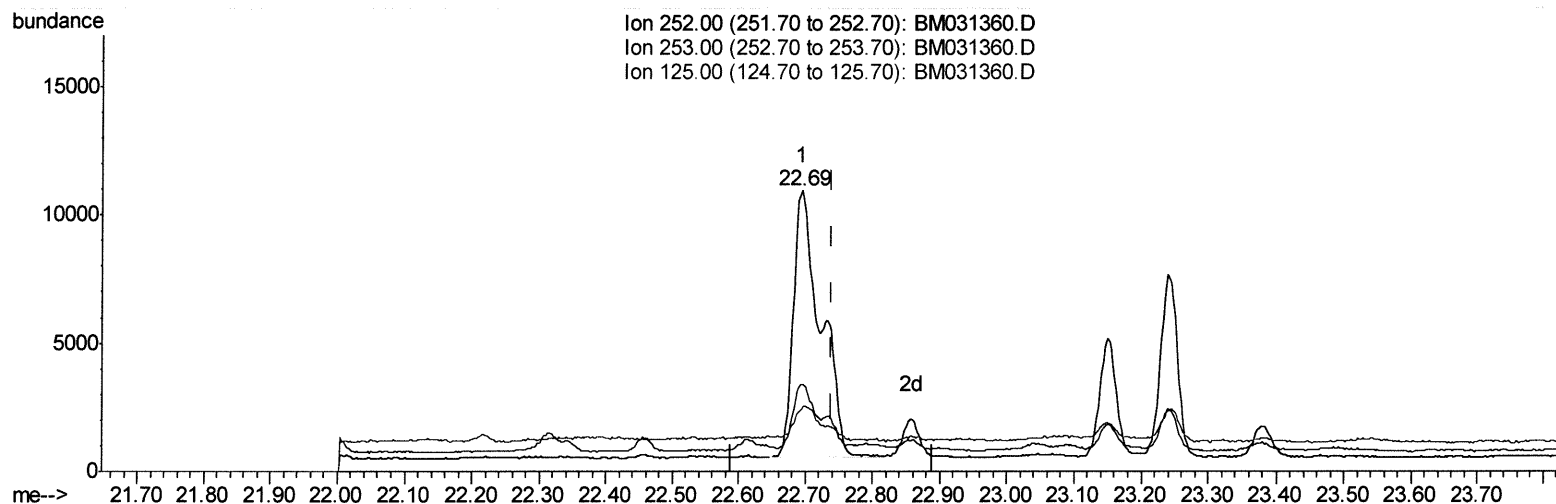
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM072921\
 Data File : BM031360.D
 Acq On : 01 Aug 2021 22:15
 Operator : CG/JU
 Sample : M3106-09DL 5X
 Misc :
 ALS Vial : 56 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BGD20DL

Manual Integrations
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mohammad
 8/2/2021 3:43:39 PM

Quant Time: Aug 02 06:04:42 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



(25) Benzo(k)fluoranthene

22.695min (-0.045) 0.98ng/ul

response 29778

Ion	Exp%	Act%
252.00	100	100
253.00	26.60	31.00
125.00	11.00	22.47#
0.00	0.00	0.00

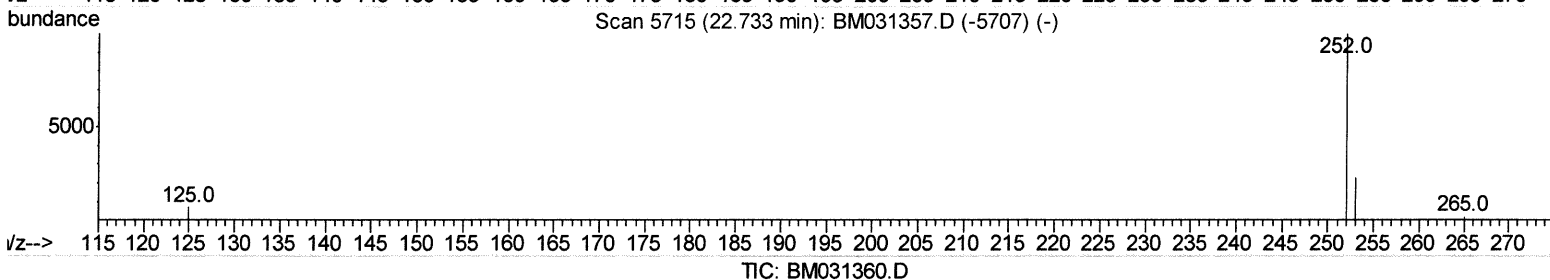
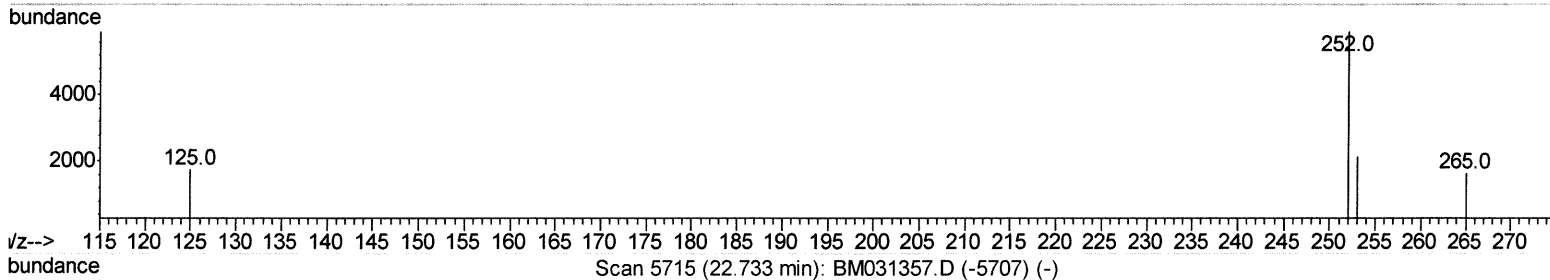
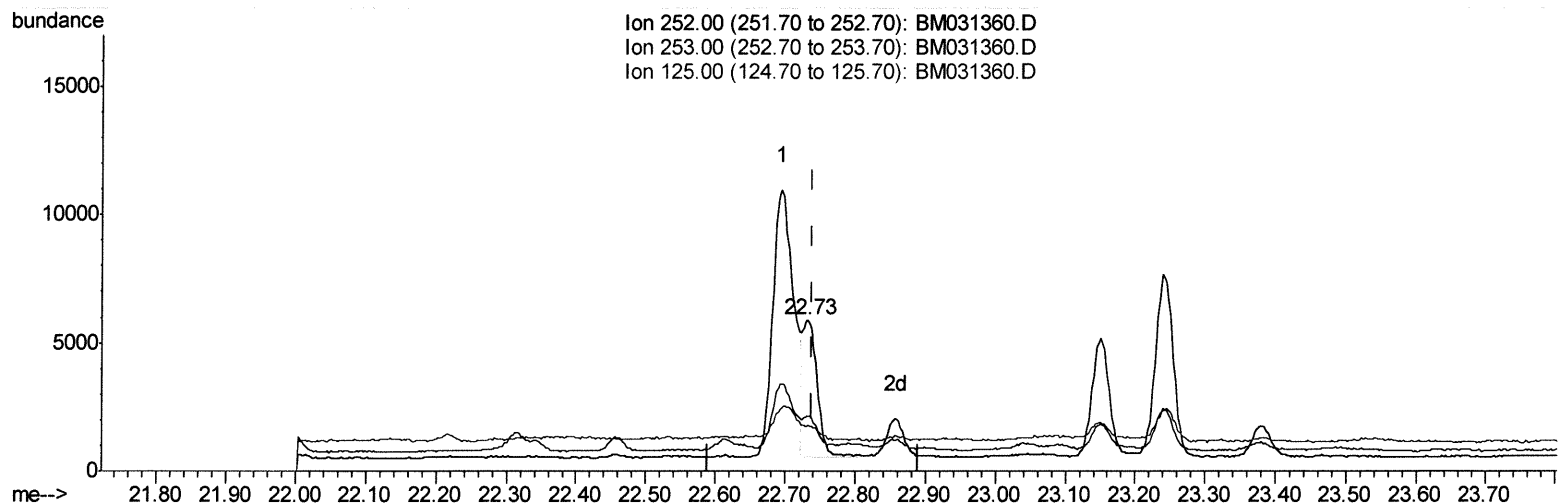
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM072921\
 Data File : BM031360.D
 Acq On : 01 Aug 2021 22:15
 Operator : CG/JU
 Sample : M3106-09DL 5X
 Misc :
 ALS Vial : 56 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BGD20DL

Manual Integrations
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mohammad
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Quant Time: Aug 02 06:04:42 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



(25) Benzo(k)fluoranthene

22.731min (-0.008) 0.26ng/ul m

JU 8/3/21

response 7973

Ion	Exp%	Act%
252.00	100	100
253.00	26.60	36.43#
125.00	11.00	29.50#
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM072921\
 Data File : BM031360.D
 Acq On : 01 Aug 2021 22:15
 Operator : CG/JU
 Sample : M3106-09DL 5X
 Misc :
 ALS Vial : 56 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
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Manual Integrations
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Quant Time: Aug 02 06:05:43 2021
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.60	152	2172	0.40	ng/ul	0.00
4) Naphthalene-d8	10.36	136	8016	0.40	ng/ul	0.00
9) Acenaphthene-d10	14.23	164	4480	0.40	ng/ul	0.00
13) Phenanthrene-d10	16.98	188	8651	0.40	ng/ul	0.00
17) Chrysene-d12	21.17	240	6770	0.40	ng/ul	0.00
23) Perylene-d12	23.34	264	6510	0.40	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.20	96	566	0.23	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.96	152	251	0.02	ng/ul	0.00
18) Fluoranthene-d10	19.01	212	547	0.02	ng/ul	0.00
Target Compounds				Ovalue		
11) Acenaphthene	14.30	153	756	0.047	ng/ul	99
12) Fluorene	15.29	166	1307	0.071	ng/ul#	98
15) Phenanthrene	17.02	178	31224	1.137	ng/ul	98
16) Anthracene	17.11	178	6557	0.255	ng/ul	99
19) Fluoranthene	19.04	202	54190	1.875	ng/ul#	96
20) Pyrene	19.41	202	40415	1.378	ng/ul	97
21) Benzo(a)anthracene	21.16	228	17905	0.655	ng/ul	94
22) Chrysene	21.21	228	17882m	0.632	ng/ul	} → Jk 8/3/21
24) Benzo(b)fluoranthene	22.69	252	21832m	0.744	ng/ul	
25) Benzo(k)fluoranthene	22.73	252	7973m	0.263	ng/ul	
26) Benzo(a)pyrene	23.24	252	12500	0.487	ng/ul#	83
27) Indeno(1,2,3-cd)pyrene	25.48	276	9579	0.288	ng/ul#	99
28) Dibenzo(a,h)anthracene	25.49	278	2605	0.097	ng/ul#	17
29) Benzo(a,h,i)perylene	26.14	276	1447	0.051	ng/ul#	24

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