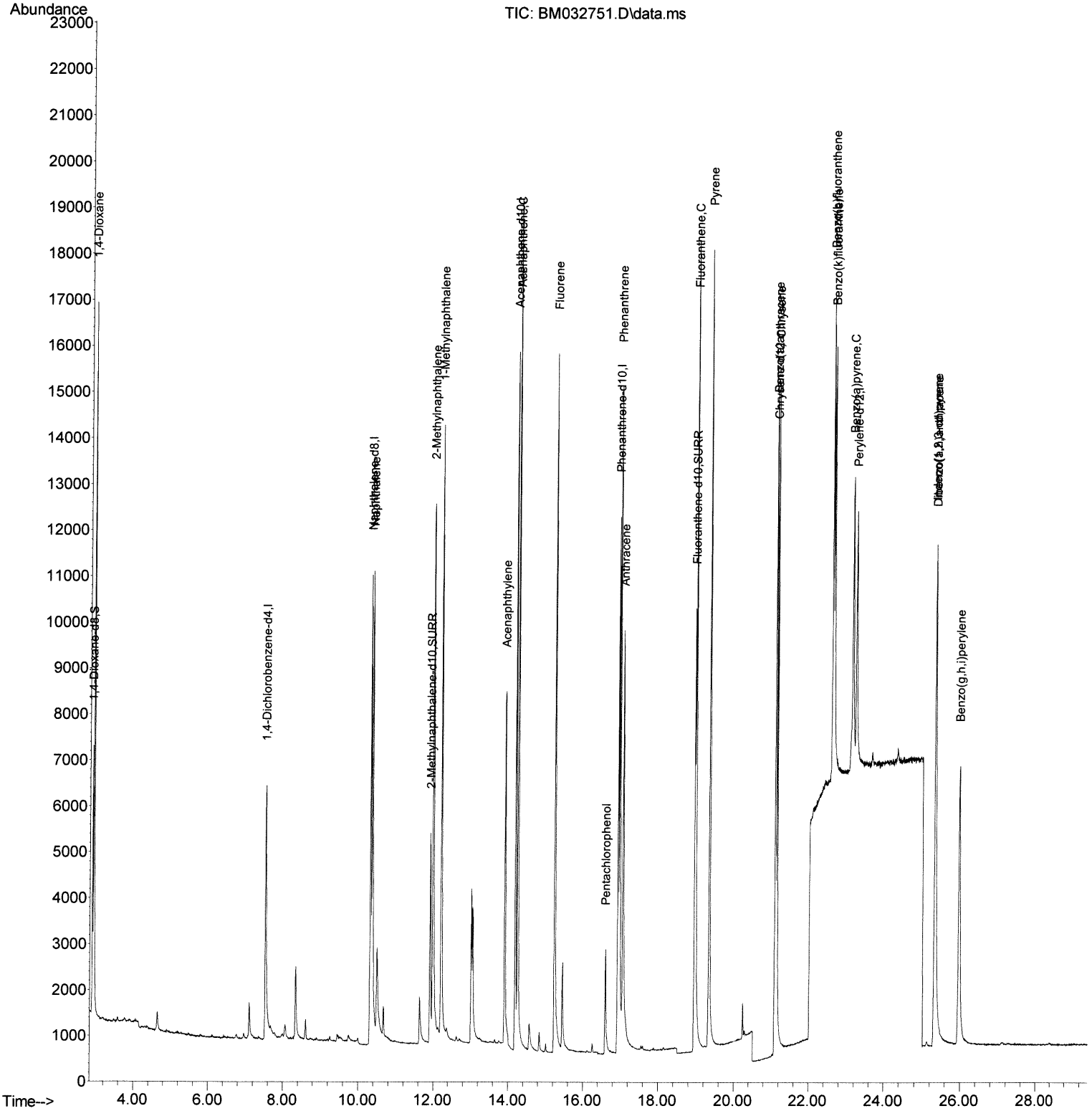
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM102521\
Data File : BM032751.D
Acq On : 27 Oct 2021 05:51
Operator : CG/JU
Sample : PB140186BS
Misc :
ALS Vial : 68 Sample Multiplier: 1

Quant Time: Oct 27 07:17:30 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM101421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Oct 26 17:09:29 2021
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
SLCS186

Manual Integrations APPROVED
mohammad
10/27/2021 11:47:33 AM



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM102521\
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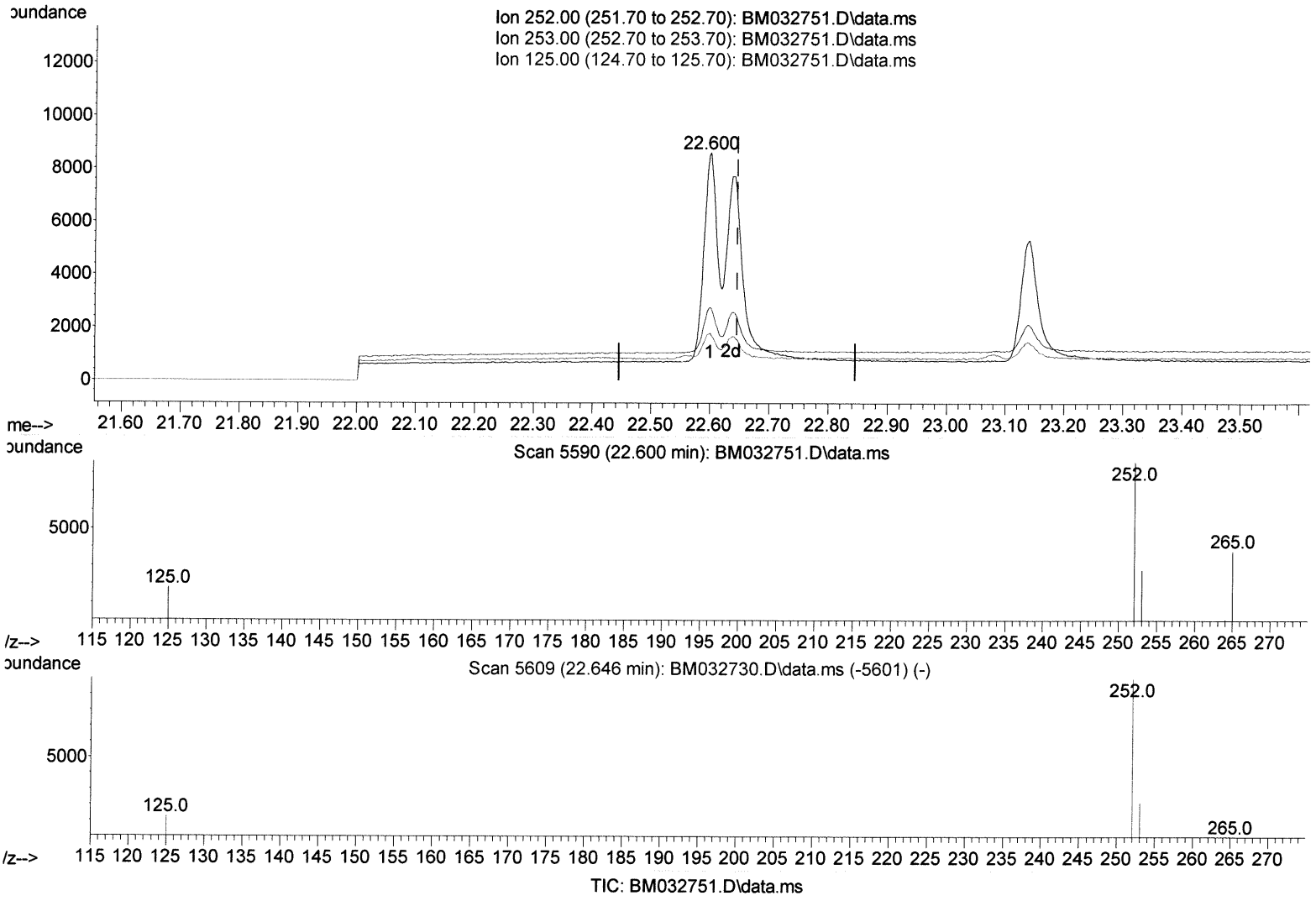

(25) Benzo(k)fluoranthene

22.600min (-0.046) 0.35 ng/ul

response 12338

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	27.20	32.27
125.00	18.00	20.87
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM102521\
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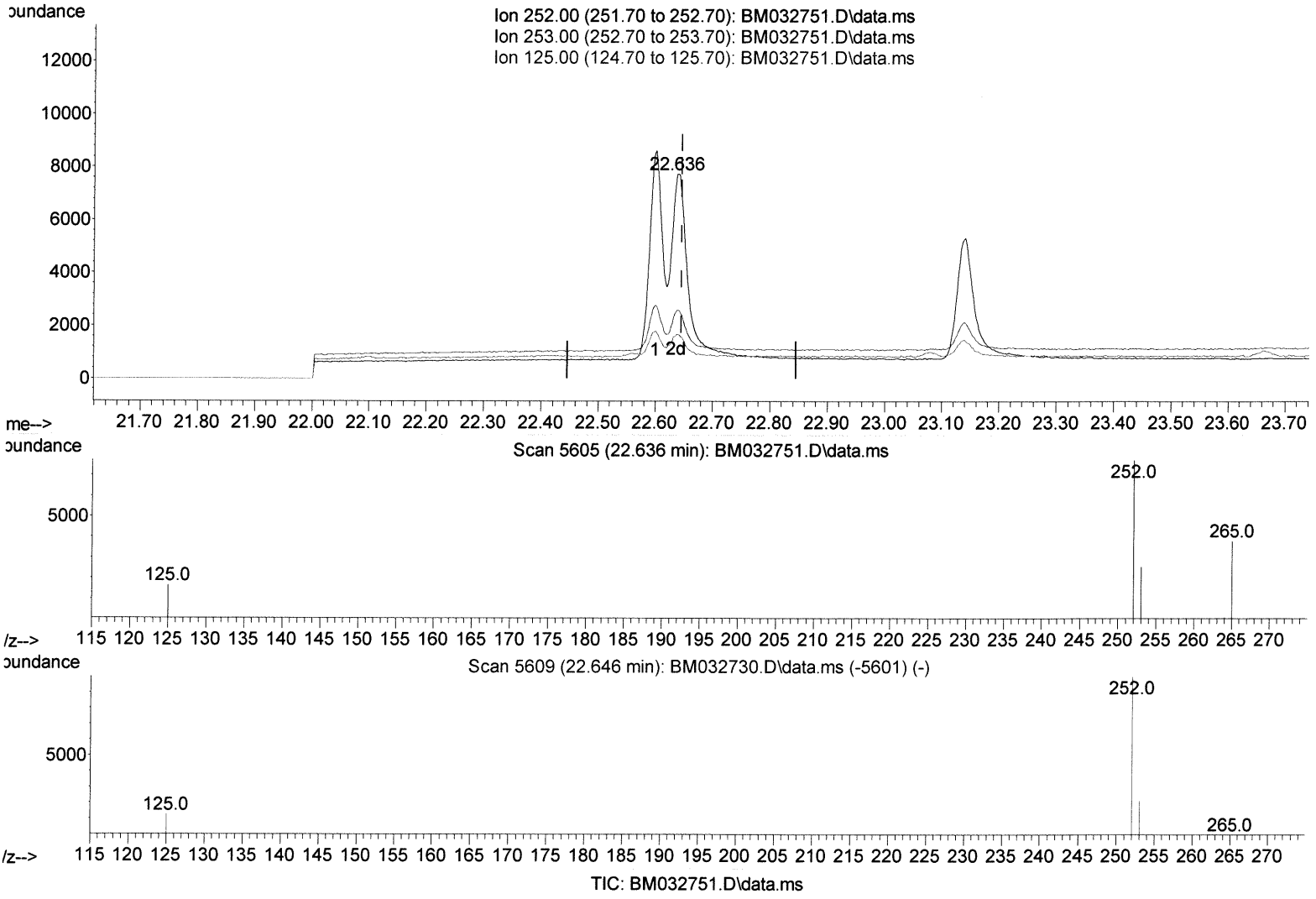
BNA_M
ClientSampleId :
SLCS186

Manual Integrations APPROVED
mohammad
10/27/2021 11:47:33 AM



(25) Benzo(k)fluoranthene

22.636min (-0.010) 0.39 ng/ul m 10/29/21 JU

response 13587

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	27.20	33.22#
125.00	18.00	21.41
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM102521\
Data File : BM032751.D
Acq On : 27 Oct 2021 05:51
Operator : CG/JU
Sample : PB140186BS
Misc :
ALS Vial : 68 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SLCS186

Manual Integrations APPROVED
mohammad
10/27/2021 11:47:33 AM

Quant Time: Oct 27 07:17:30 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM101421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Oct 26 17:09:29 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.539	152	4236	0.400	ng/ul	0.00
4) Naphthalene-d8	10.316	136	16007	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.190	164	8607	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.925	188	14643	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.104	240	9051	0.400	ng/ul	0.00
23) Perylene-d12	23.232	264	7569	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	2.909	96	3417	0.720	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.913	152	7641	0.358	ng/ul	0.00
18) Fluoranthene-d10	18.950	212	11229	0.394	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.944	88	9785	1.871	ng/ul#	82
5) Naphthalene	10.366	128	16976	0.350	ng/ul	100
7) 2-Methylnaphthalene	11.990	142	10719	0.338	ng/ul	99
8) 1-Methylnaphthalene	12.210	142	10051	0.320	ng/ul	100
10) Acenaphthylene	13.910	152	11289	0.307	ng/ul	99
11) Acenaphthene	14.251	153	11402	0.340	ng/ul	99
12) Fluorene	15.241	166	12131	0.321	ng/ul	99
14) Pentachlorophenol	16.599	266	2013	0.534	ng/ul	99
15) Phenanthrene	16.967	178	16699	0.339	ng/ul	99
16) Anthracene	17.057	178	13228	0.306	ng/ul	100
19) Fluoranthene	18.981	202	16504	0.369	ng/ul	99
20) Pyrene	19.343	202	16502	0.358	ng/ul	98
21) Benzo(a)anthracene	21.089	228	10967	0.310	ng/ul	100
22) Chrysene	21.137	228	13669	0.351	ng/ul	99
24) Benzo(b)fluoranthene	22.600	252	12338	0.353	ng/ul	91
25) Benzo(k)fluoranthene	22.636	252	13587m>	0.390	ng/ul>	10/29/21 JU
26) Benzo(a)pyrene	23.140	252	10356	0.353	ng/ul#	83
27) Indeno(1,2,3-cd)pyrene	25.328	276	13475	0.376	ng/ul#	100
28) Dibenzo(a,h)anthracene	25.333	278	10610	0.375	ng/ul#	93
29) Benzo(g,h,i)perylene	25.970	276	12829	0.411	ng/ul	98

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