

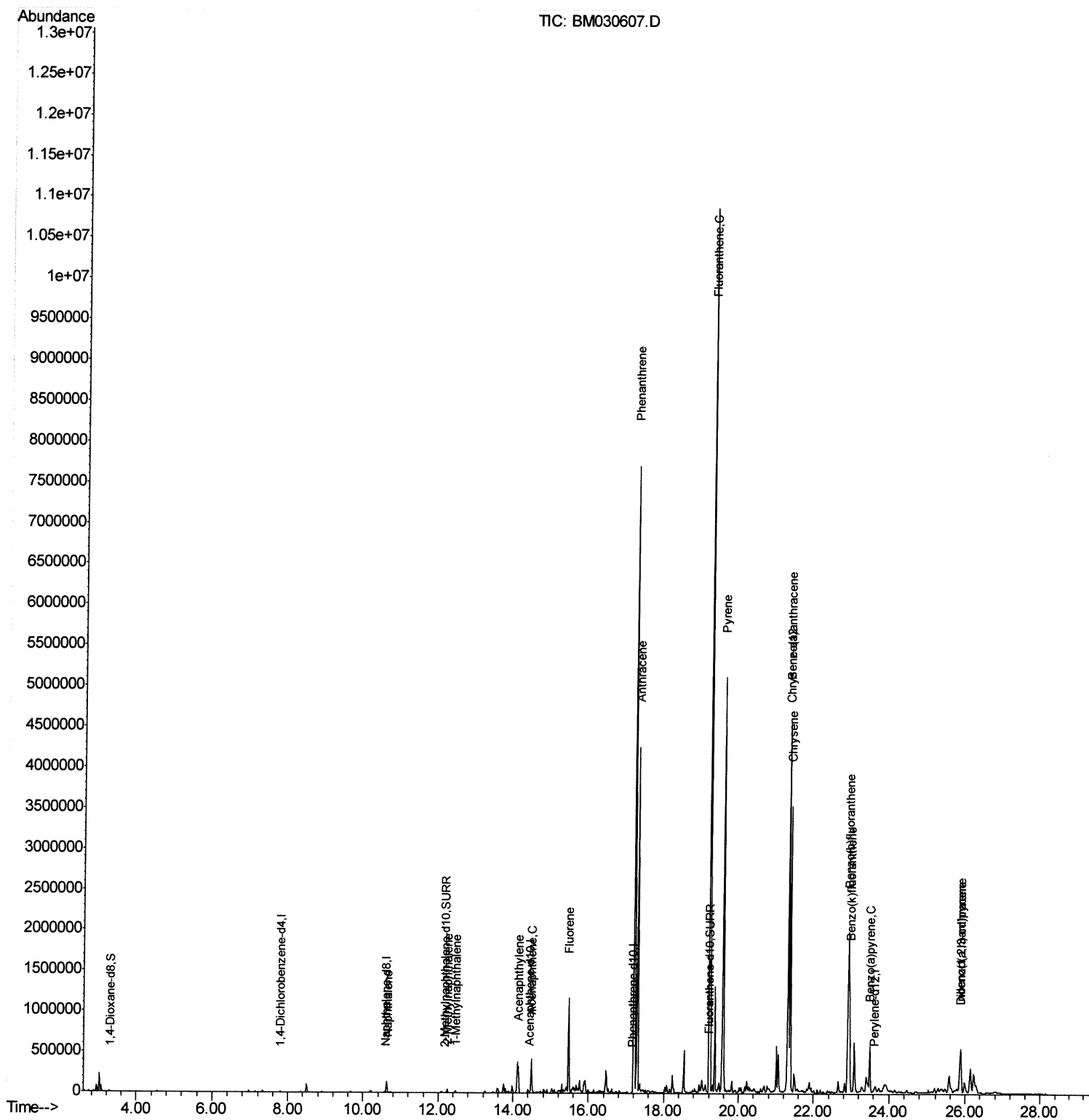
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM062521\
Data File : BM030607.D
Acq On : 25 Jun 2021 18:26
Operator : CG/JU
Sample : M2662-11DL 2X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BGDF5DL

Quant Time: Jun 25 19:06:00 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SFAM-EPA-SIM-BM062321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 25 12:45:36 2021
Response via : Initial Calibration

Manual Integrations
APPROVED

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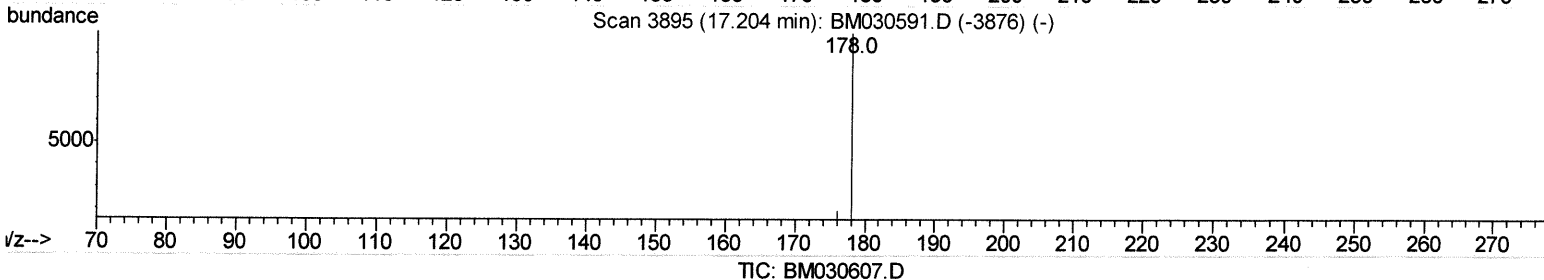
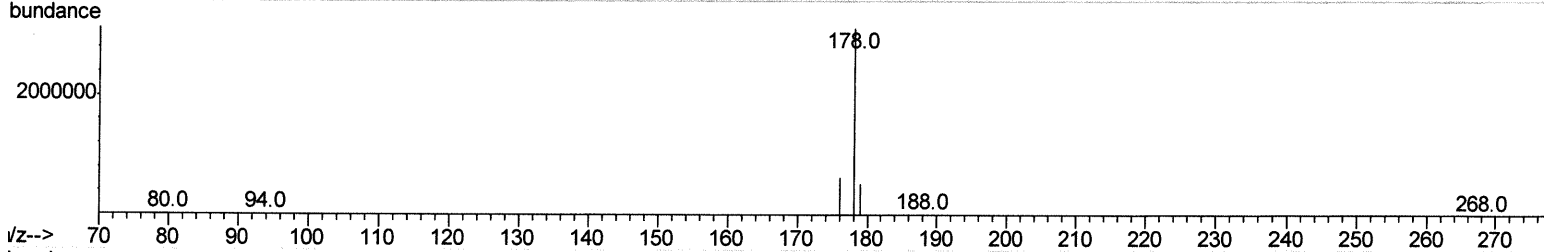
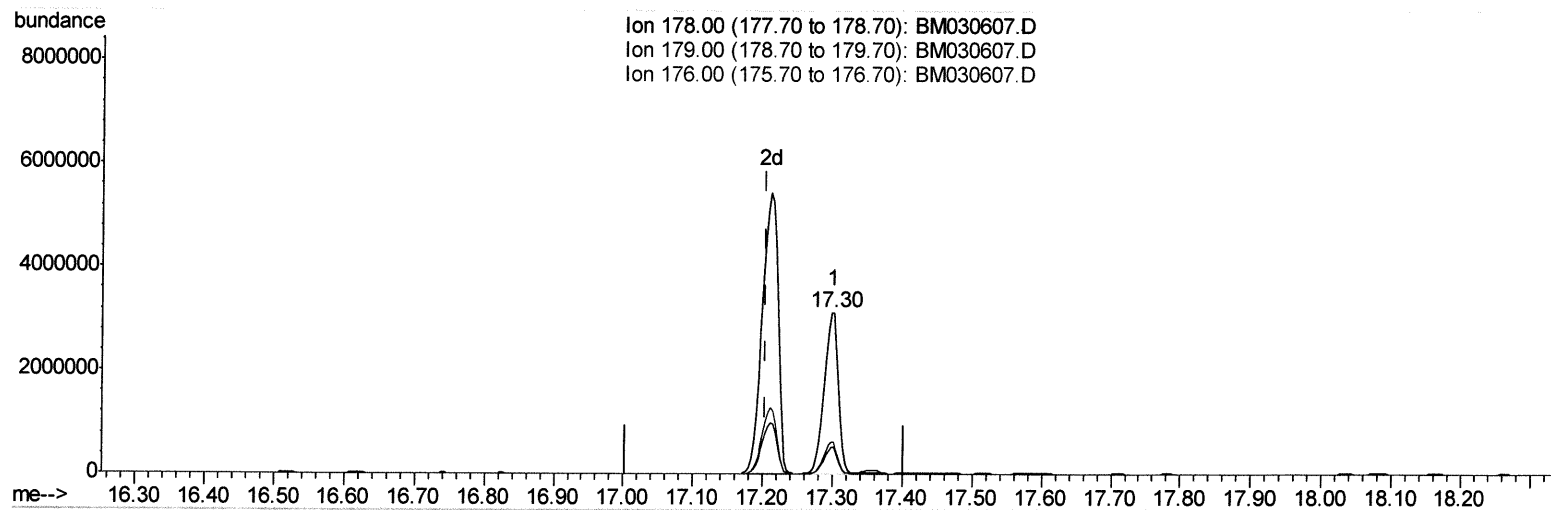
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Quant Time: Jun 25 18:56:05 2021
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(15) Phenanthrene

17.301min (+0.097) 59.51ng/ul

response 4443980

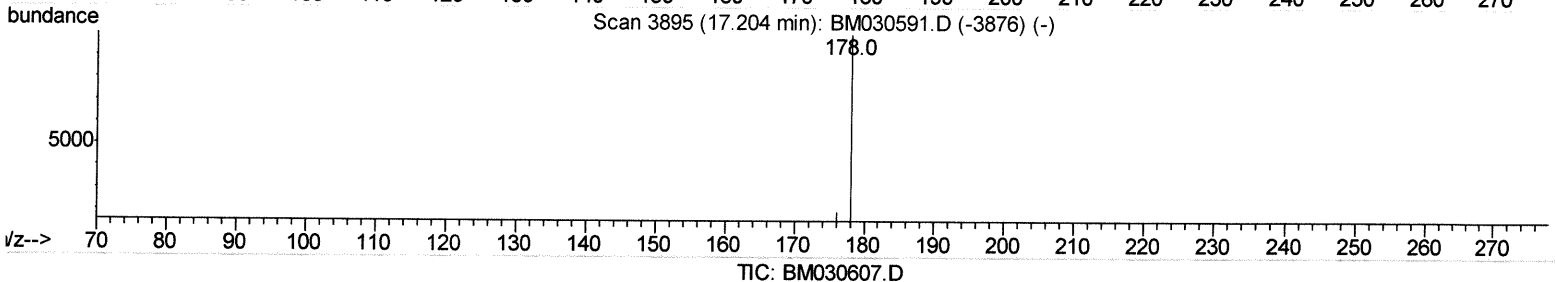
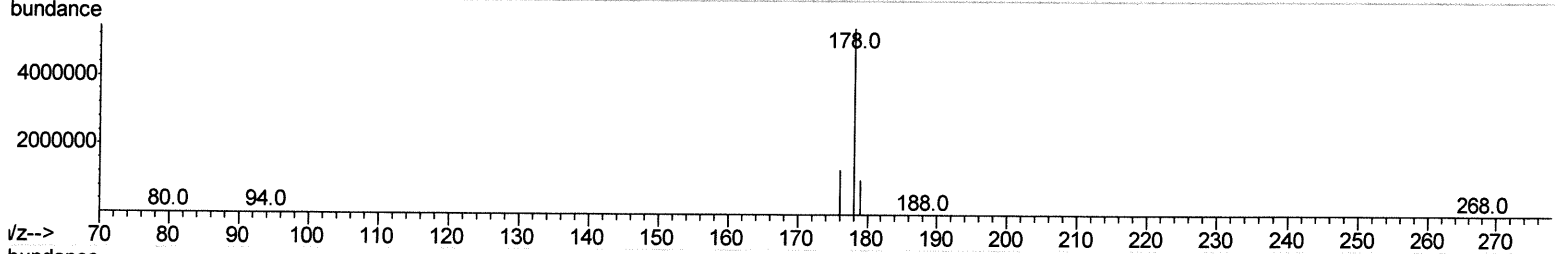
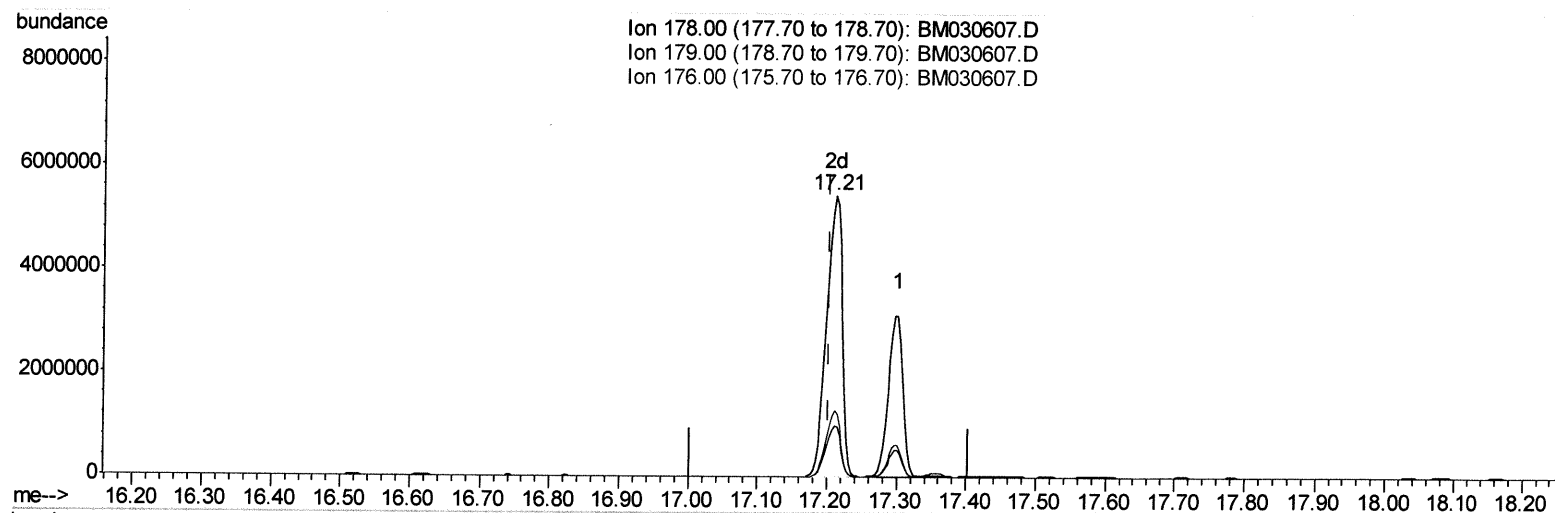
Ion	Exp%	Act%
178.00	100	100
179.00	15.80	16.46
176.00	19.40	19.84
0.00	0.00	0.00

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(15) Phenanthrene

17.211min (+0.007) 114.29ng/ul m

response 8534518

Ion	Exp%	Act%
178.00	100	100
179.00	15.80	18.22
176.00	19.40	23.73#
0.00	0.00	0.00

JU 6/28/21

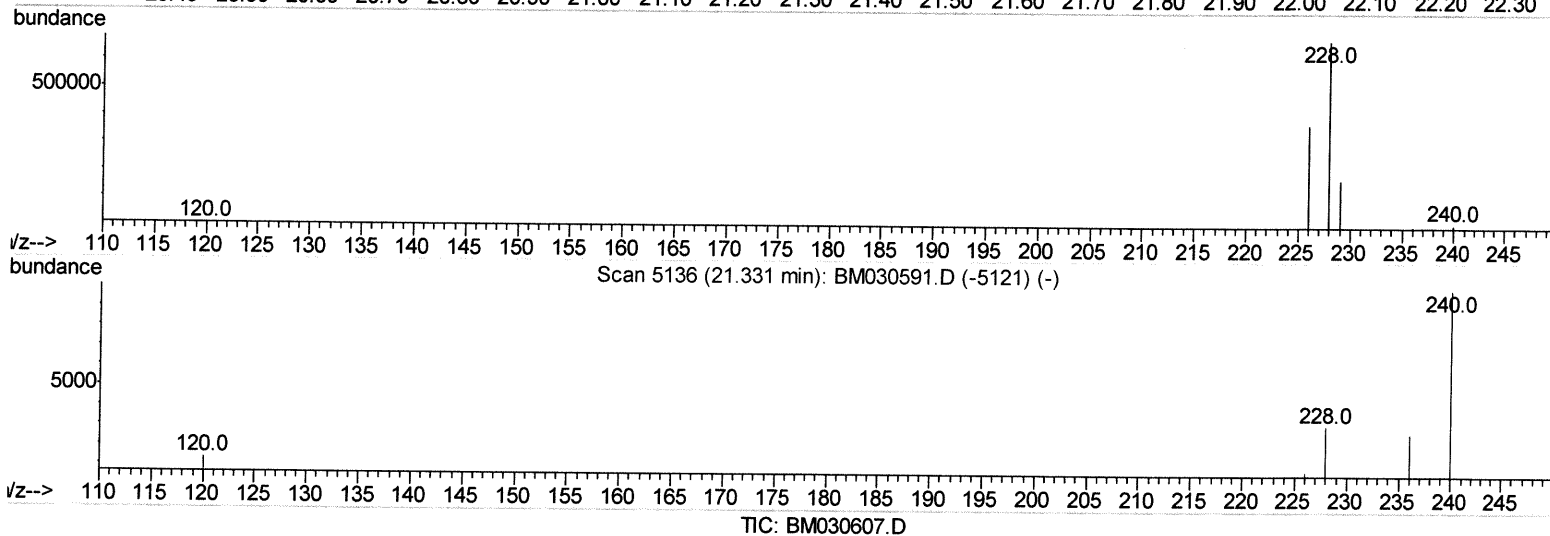
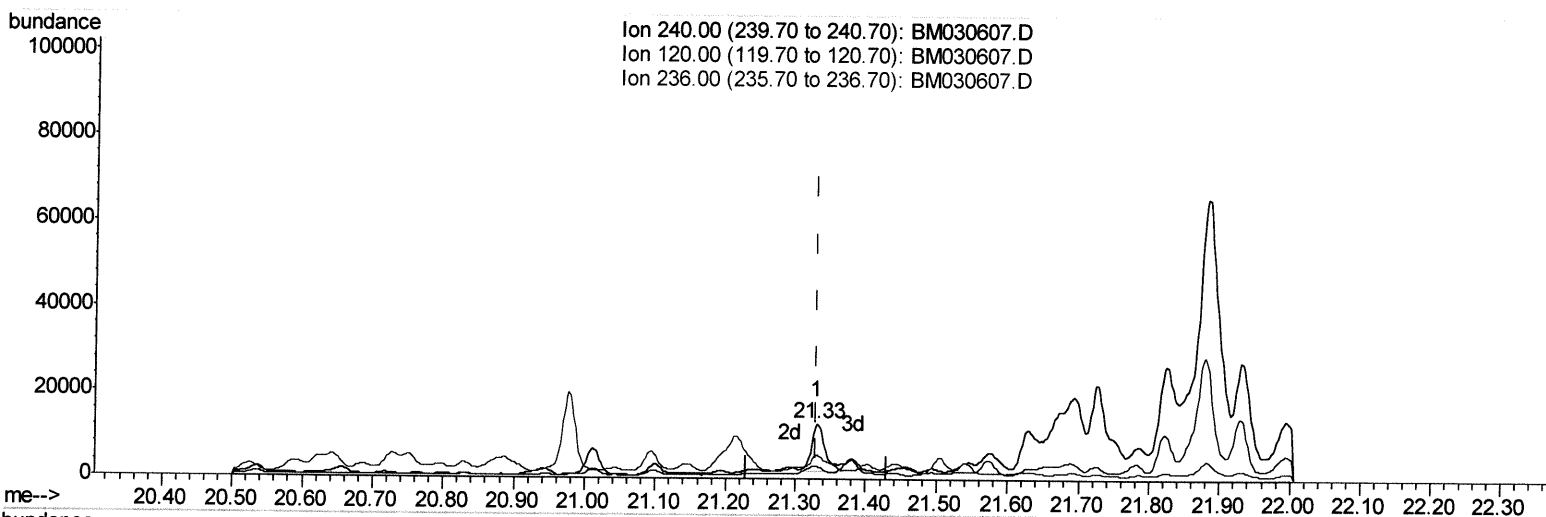
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(17) Chrysene-d12

21.331min (+0.000) 0.40ng/ul

response 16291

Ion	Exp%	Act%
240.00	100	100
120.00	15.70	22.33#
236.00	29.20	43.82#
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.79	152	4823	0.40	ng/ul	0.00
4) Naphthalene-d8	10.58	136	19511	0.40	ng/ul	0.00
9) Acenaphthene-d10	14.42	164	13129	0.40	ng/ul	0.00
13) Phenanthrene-d10	17.16	188	20973	0.40	ng/ul	0.00
17) Chrysene-d12	21.33	240	13707m	0.40	ng/ul	0.00
23) Perylene-d12	23.59	264	18807	0.40	ng/ul	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
3) 1,4-Dioxane-d8	3.28	96	7826	1.52	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.17	152	3452	0.11	ng/ul	0.00
18) Fluoranthene-d10	19.18	212	3073	0.07	ng/ul	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
5) Naphthalene	10.63	128	181153	3.121	ng/ul	99
7) 2-Methylnaphthalene	12.25	142	31627	0.808	ng/ul	99
8) 1-Methylnaphthalene	12.47	142	19252	0.506	ng/ul	99
10) Acenaphthylene	14.14	152	384338	6.255	ng/ul	99
11) Acenaphthene	14.49	153	248102	4.957	ng/ul	98
12) Fluorene	15.47	166	722111	13.027	ng/ul	100
15) Phenanthrene	17.21	178	8534518m	114.286	ng/ul	
16) Anthracene	17.30	178	4444419	67.934	ng/ul	98
19) Fluoranthene	19.23	202	9965559	158.146	ng/ul#	93
20) Pyrene	19.58	202	4499597	69.700	ng/ul	99
21) Benzo(a)anthracene	21.32	228	4006790	73.588	ng/ul#	91
22) Chrysene	21.37	228	3066952m	50.738	ng/ul	
24) Benzo(b)fluoranthene	22.91	252	3387495m	41.407	ng/ul	
25) Benzo(k)fluoranthene	22.95	252	1455004m	16.957	ng/ul	
26) Benzo(a)pyrene	23.49	252	757741	10.437	ng/ul#	94
27) Indeno(1,2,3-cd)pyrene	25.87	276	707020	7.659	ng/ul#	97
28) Dibenzo(a,h)anthracene	25.88	278	432650	5.876	ng/ul	95

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

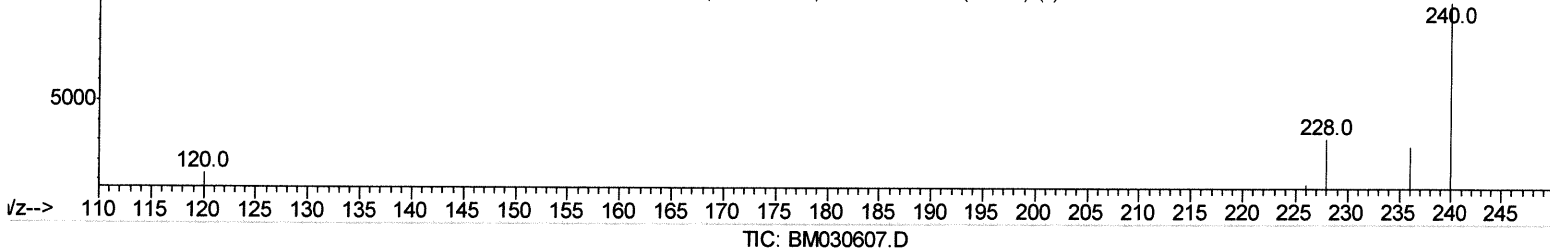
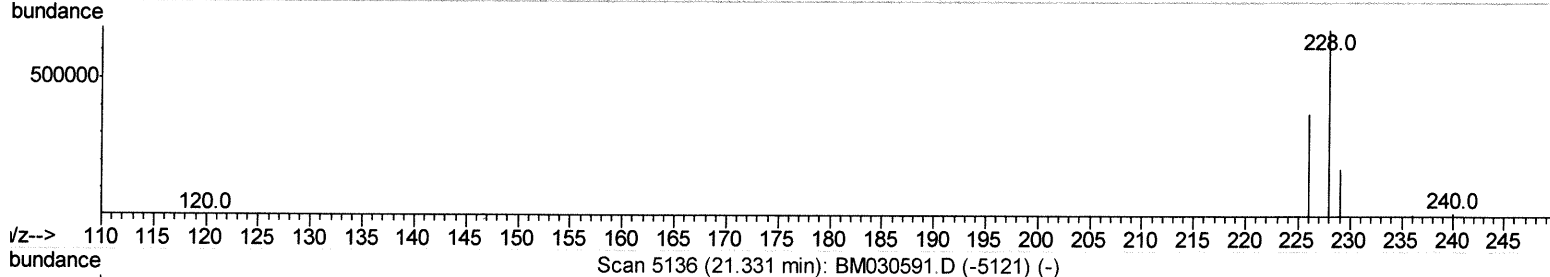
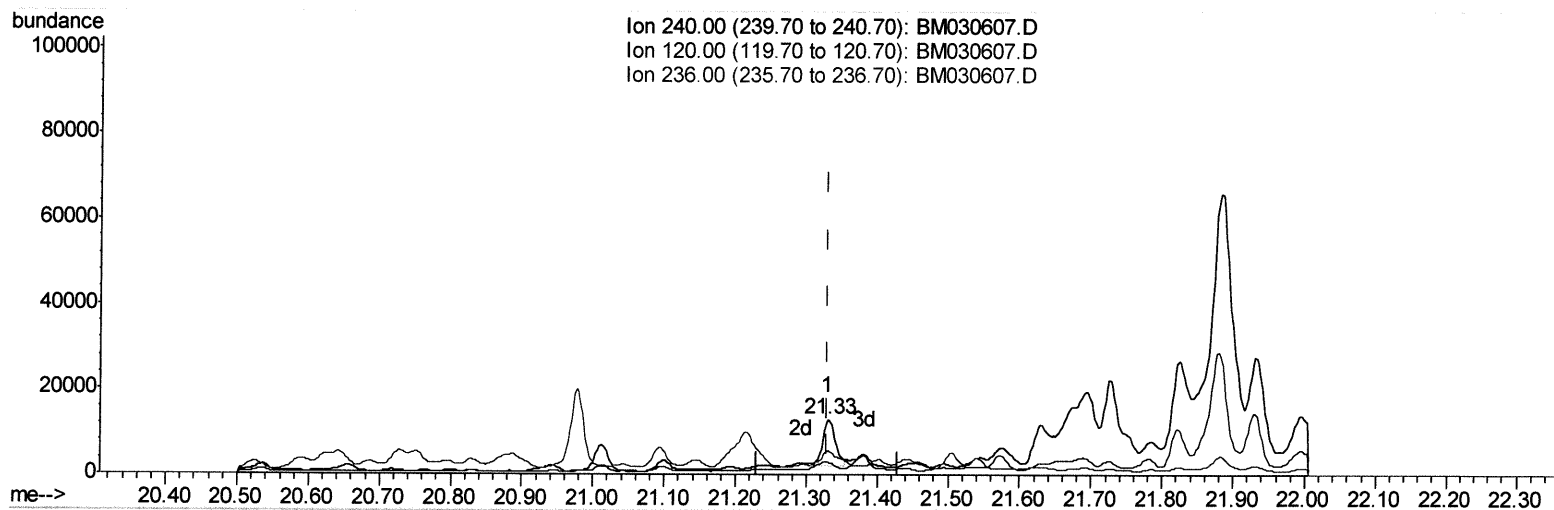
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Instrument :
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Manual Integrations
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(17) Chrysene-d12

21.331min (+0.000) 0.40ng/ul m

response 13707

Ion	Exp%	Act%
240.00	100	100
120.00	15.70	22.33#
236.00	29.20	43.82#
0.00	0.00	0.00

JU 6/30/21

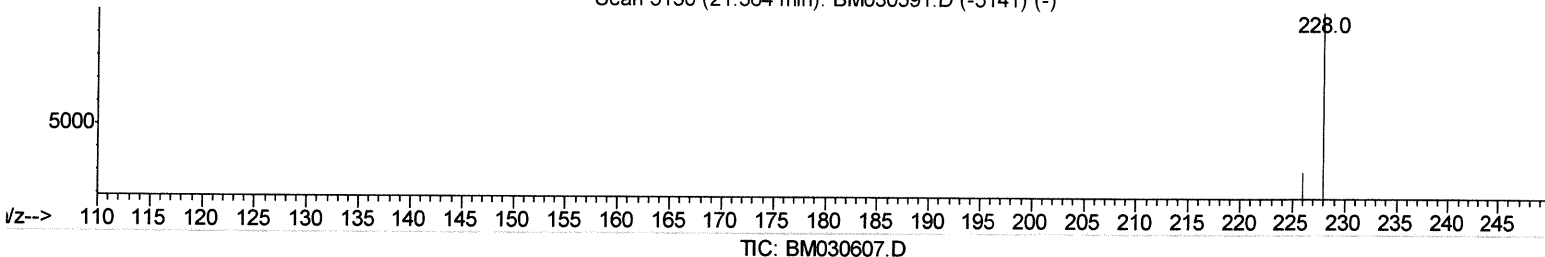
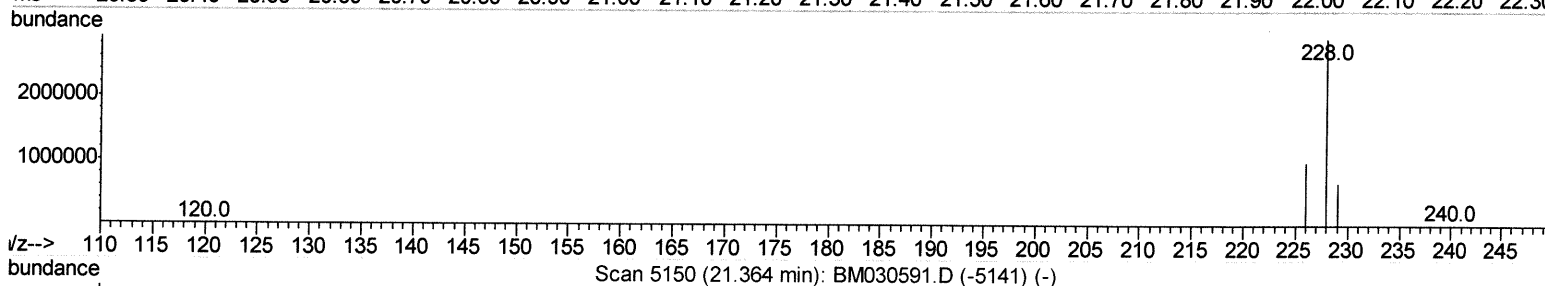
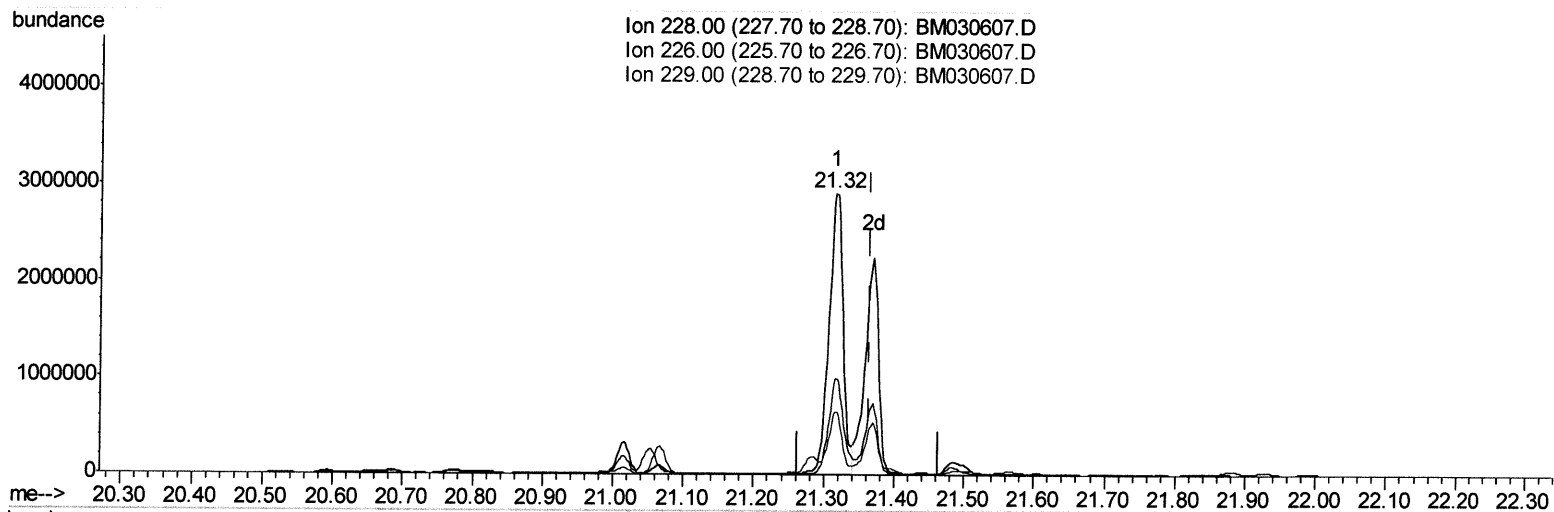
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 Sample : M2662-11DL 2X
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
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(22) Chrysene

21.316min (-0.048) 66.15ng/ul

response 3998592

Ion	Exp%	Act%
228.00	100	100
226.00	30.50	33.96
229.00	19.20	22.42
0.00	0.00	0.00

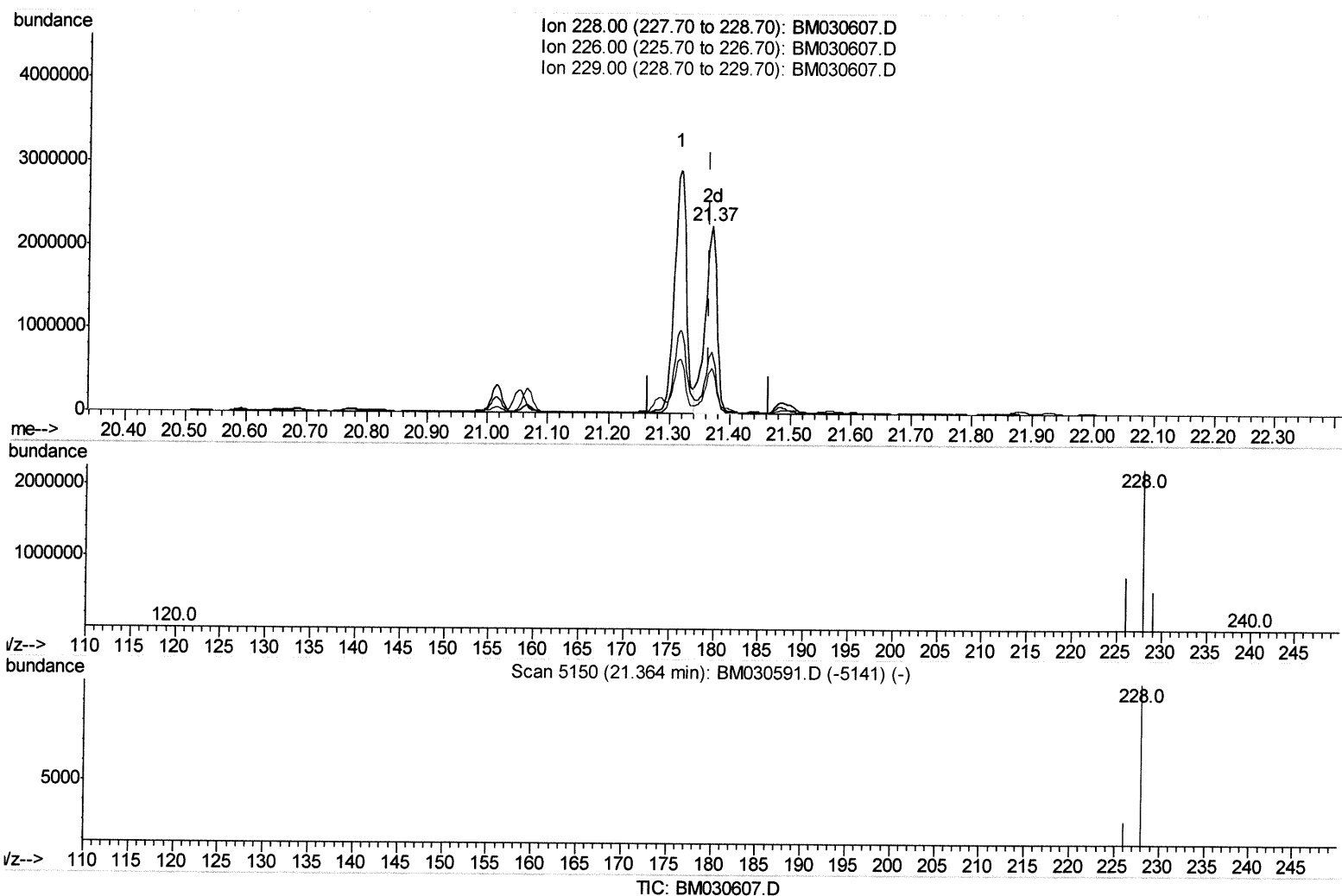
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Manual Integrations
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(22) Chrysene

21.369min (+0.005) 50.74ng/ul m

response 3066952

Ion	Exp%	Act%
228.00	100	100
226.00	30.50	32.94
229.00	19.20	24.19#
0.00	0.00	0.00

JU 6/30/21

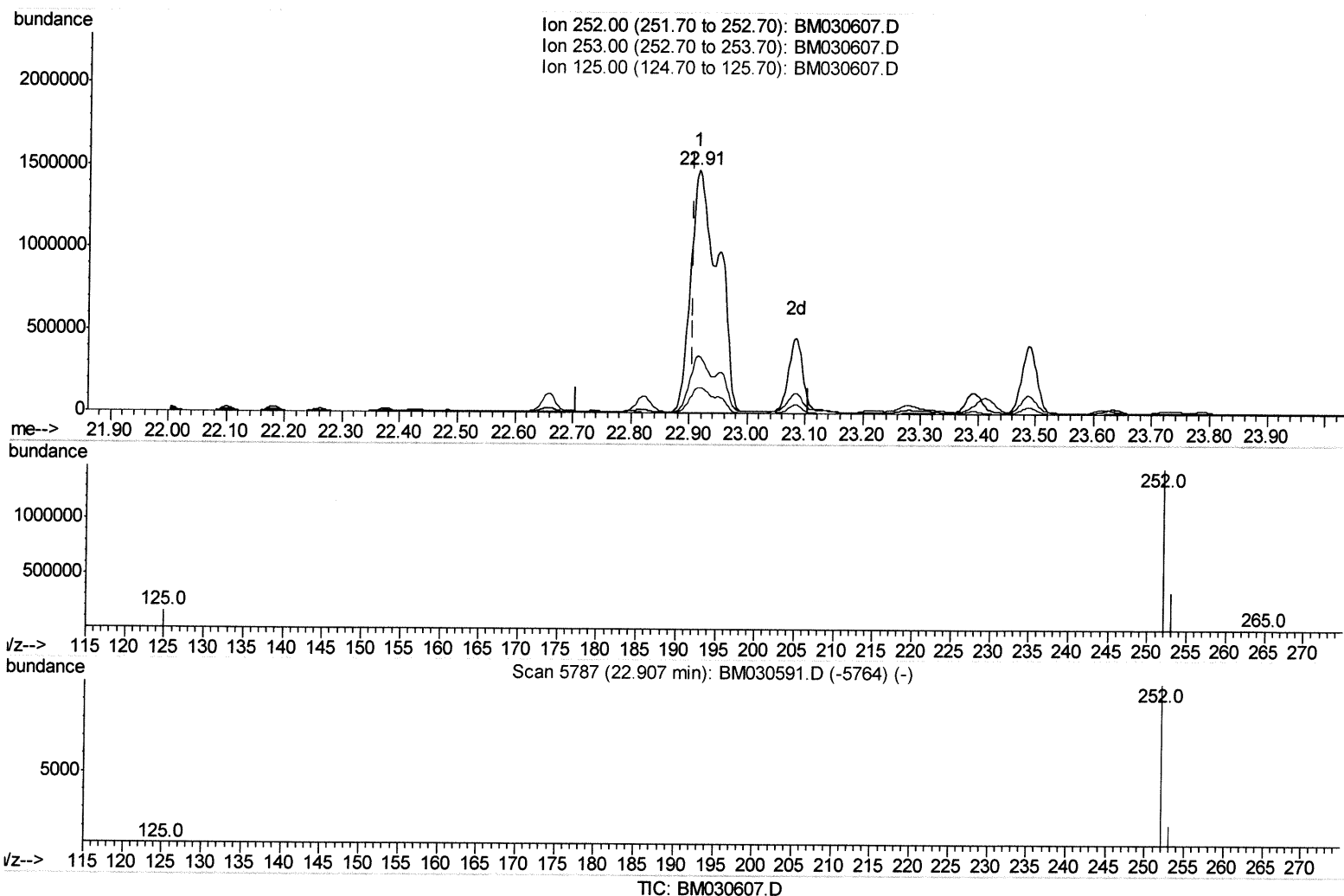
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(24) Benzo(b)fluoranthene

22.914min (+0.007) 58.81ng/ul

response 4811295

Ion	Exp%	Act%
252.00	100	100
253.00	25.10	23.65
125.00	13.90	10.56
0.00	0.00	0.00

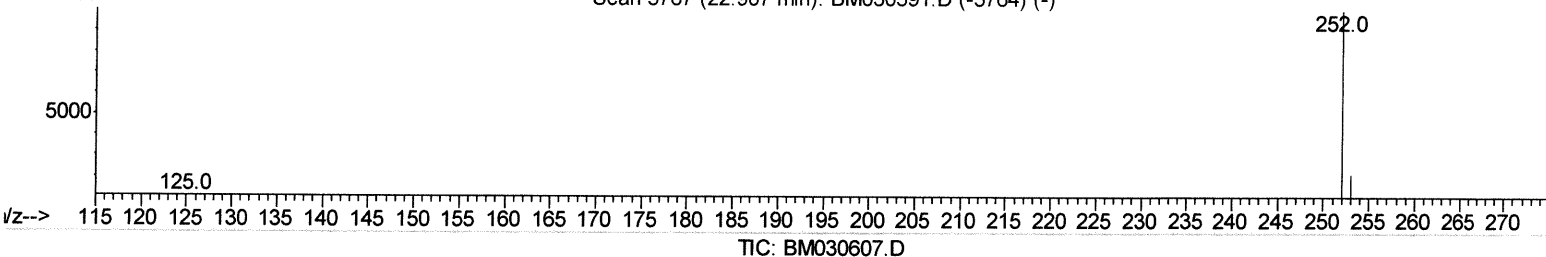
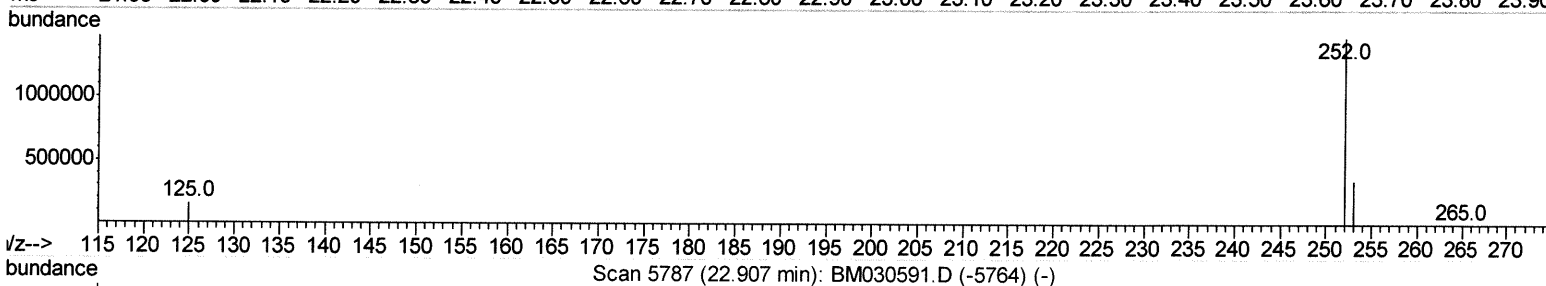
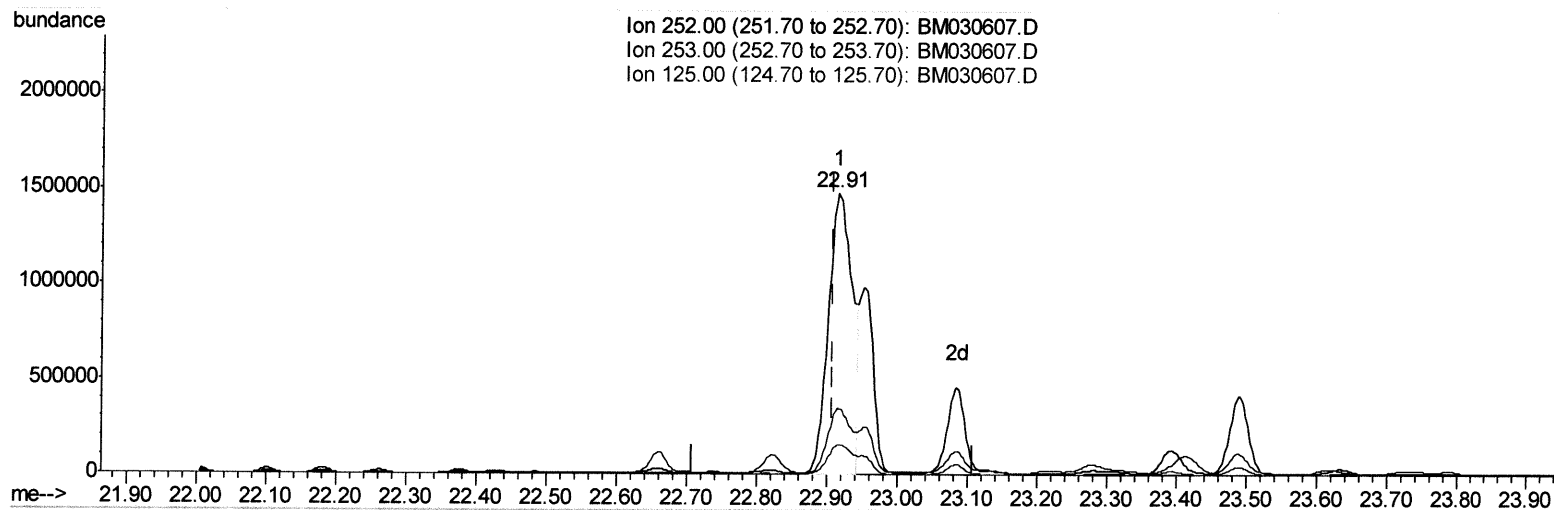
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(24) Benzo(b)fluoranthene

22.914min (+0.007) 41.41ng/ul m

response 3387495

JU 6/29/21

Ion	Exp%	Act%
252.00	100	100
253.00	25.10	23.65
125.00	13.90	10.56
0.00	0.00	0.00

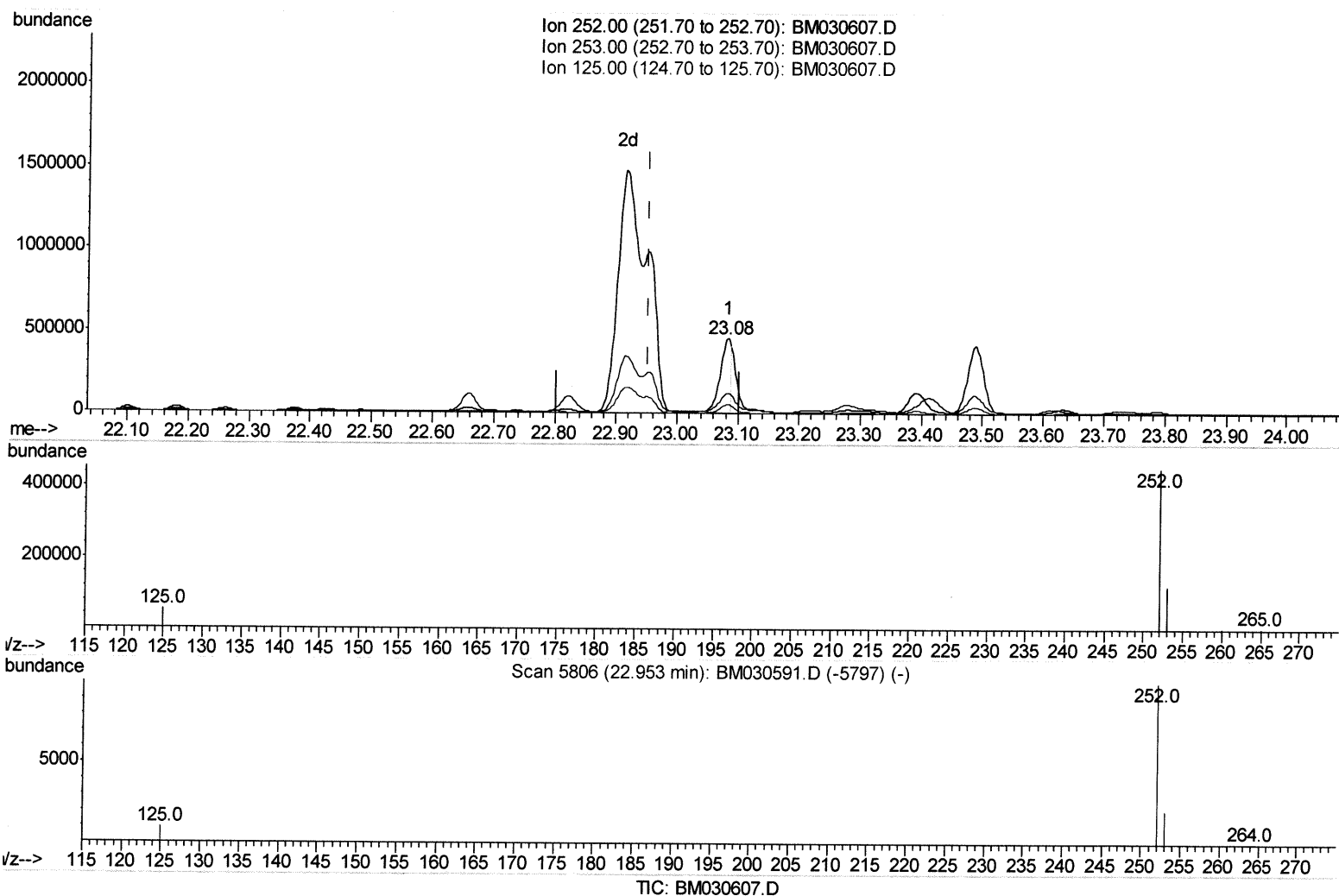
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(25) Benzo(k)fluoranthene

23.084min (+0.131) 6.49ng/ul

response 556481

Ion	Exp%	Act%
252.00	100	100
253.00	25.80	27.09
125.00	13.70	11.56
0.00	0.00	0.00

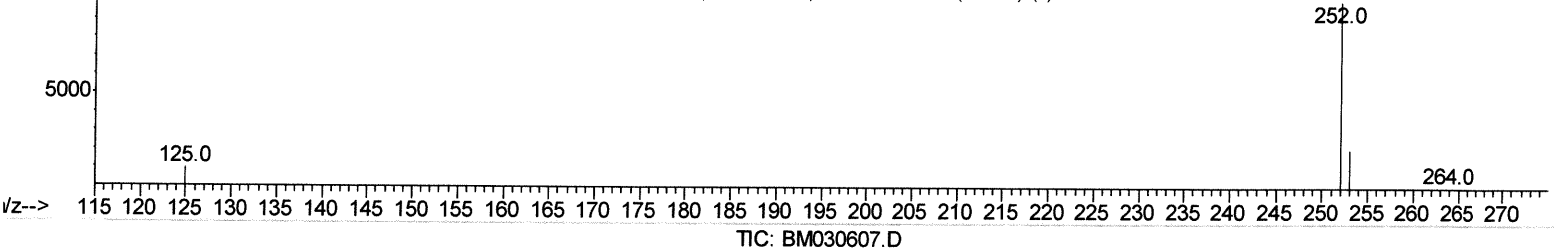
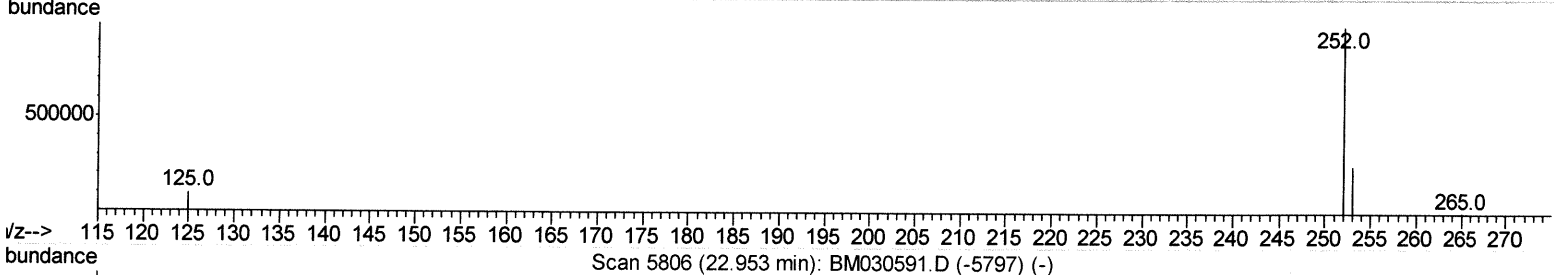
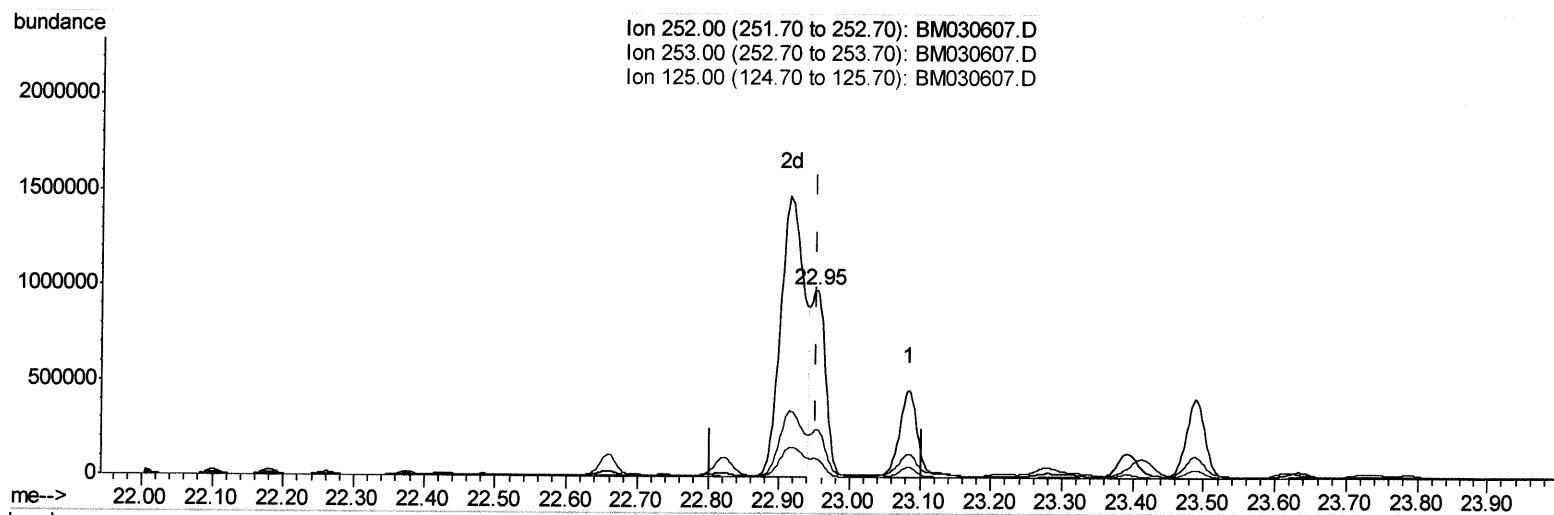
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(25) Benzo(k)fluoranthene

22.953min (+0.000) 16.96ng/ul m

response 1455004

Ion	Exp%	Act%
252.00	100	100
253.00	25.80	25.24
125.00	13.70	9.83#
0.00	0.00	0.00

JU 6/30/21

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.79	152	4823	0.40	ng/ul	0.00
4) Naphthalene-d8	10.58	136	19511	0.40	ng/ul	0.00
9) Acenaphthene-d10	14.42	164	13129	0.40	ng/ul	0.00
13) Phenanthrene-d10	17.16	188	20973	0.40	ng/ul	0.00
17) Chrysene-d12	21.33	240	13707m	0.40	ng/ul	0.00
23) Perylene-d12	23.59	264	18807	0.40	ng/ul	0.00

Svstem Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
3) 1,4-Dioxane-d8	3.28	96	7826	1.52	ng/ul	0.00
6) 2-Methyl-naphthalene-d10	12.17	152	3452	0.11	ng/ul	0.00
18) Fluoranthene-d10	19.18	212	3073	0.07	ng/ul	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
5) Naphthalene	10.63	128	181153	3.121	ng/ul	99
7) 2-Methyl-naphthalene	12.25	142	31627	0.808	ng/ul	99
8) 1-Methyl-naphthalene	12.47	142	19252	0.506	ng/ul	99
10) Acenaphthylene	14.14	152	384338	6.255	ng/ul	99
11) Acenaphthene	14.49	153	248102	4.957	ng/ul	98
12) Fluorene	15.47	166	722111	13.027	ng/ul	100
15) Phenanthrene	17.21	178	8534518m	114.286	ng/ul	99
16) Anthracene	17.30	178	4444419	67.934	ng/ul	98
19) Fluoranthene	19.23	202	9965559	158.146	ng/ul#	93
20) Pyrene	19.58	202	4499597	69.700	ng/ul	99
21) Benzo(a)anthracene	21.32	228	4006790	73.588	ng/ul#	91
22) Chrysene	21.37	228	3066952m	50.738	ng/ul	99
24) Benzo(b)fluoranthene	22.91	252	3387495m	41.407	ng/ul	99
25) Benzo(k)fluoranthene	22.95	252	1455004m	16.957	ng/ul	99
26) Benzo(a)pyrene	23.49	252	757741	10.437	ng/ul#	94
27) Indeno(1,2,3-cd)pyrene	25.87	276	707020	7.659	ng/ul#	97
28) Dibenzo(a,h)anthracene	25.88	278	432650	5.876	ng/ul	95

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