

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060424\
 Data File : BM045836.D
 Acq On : 05 Jun 2024 04:25
 Operator : MA/JU
 Sample : P2589-22
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BH6D6

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 06/05/2024
 Supervised By :mohammad ahmed 06/07/2024

Quant Time: Jun 05 04:59:01 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM053124.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri May 31 13:01:11 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.463	152	311092	20.000	ng/u1	0.00
20) Naphthalene-d8	10.233	136	1285612	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.110	164	737145	20.000	ng/u1	0.00
64) Phenanthrene-d10	16.851	188	1296901	20.000	ng/u1	0.00
79) Chrysene-d12	21.062	240	961320	20.000	ng/u1	0.00
88) Perylene-d12	23.786	264	1084743	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.057	96	17362	2.164	ng/uL	0.00
4) Pyridine-d5	3.475	84	222223	10.756	ng/u1	0.00
7) Phenol-d5	6.722	99	402540	15.231	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	6.834	67	292223	15.399	ng/u1	0.00
11) 2-Chlorophenol-d4	7.028	132	319909	16.205	ng/u1	0.00
15) 4-Methylphenol-d8	8.234	113	316544	15.854	ng/u1	0.00
21) Nitrobenzene-d5	8.634	128	165745	16.489	ng/u1	0.00
24) 2-Nitrophenol-d4	9.345	143	172950	17.001	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	9.892	165	331070	17.354	ng/u1	0.00
31) 4-Chloroaniline-d4	10.416	131	428145	16.216	ng/u1	0.00
46) Dimethylphthalate-d6	13.557	166	1052772	20.629	ng/u1	0.00
49) Acenaphthylene-d8	13.798	160	1151295	19.428	ng/u1	0.00
54) 4-Nitrophenol-d4	14.410	143	125500	11.395	ng/u1	0.00
60) Fluorene-d10	15.104	176	854927	19.637	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.245	200	72150	10.894	ng/u1	0.00
73) Anthracene-d10	16.951	188	1174517	20.832	ng/u1	0.00
81) Pyrene-d10	19.251	212	1256434	21.016	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.597	264	1097086	21.640	ng/u1	0.00
Target Compounds					Qvalue	
72) Phenanthrene	16.898	178	81189	1.188	ng/u1	99
80) Fluoranthene	18.915	202	201143	2.775	ng/u1	98
82) Pyrene	19.280	202	178311	2.395	ng/u1	99
85) Benzo(a)anthracene	21.045	228	73189	1.103	ng/u1	99
87) Chrysene	21.103	228	92935	1.513	ng/u1	95
90) Benzo(b)fluoranthene	22.933	252	129074m	1.936	ng/u1	
93) Benzo(a)pyrene	23.650	252	74942	1.279	ng/u1	92
96) Benzo(g,h,i)perylene	27.709	276	62724m	1.113	ng/u1	

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

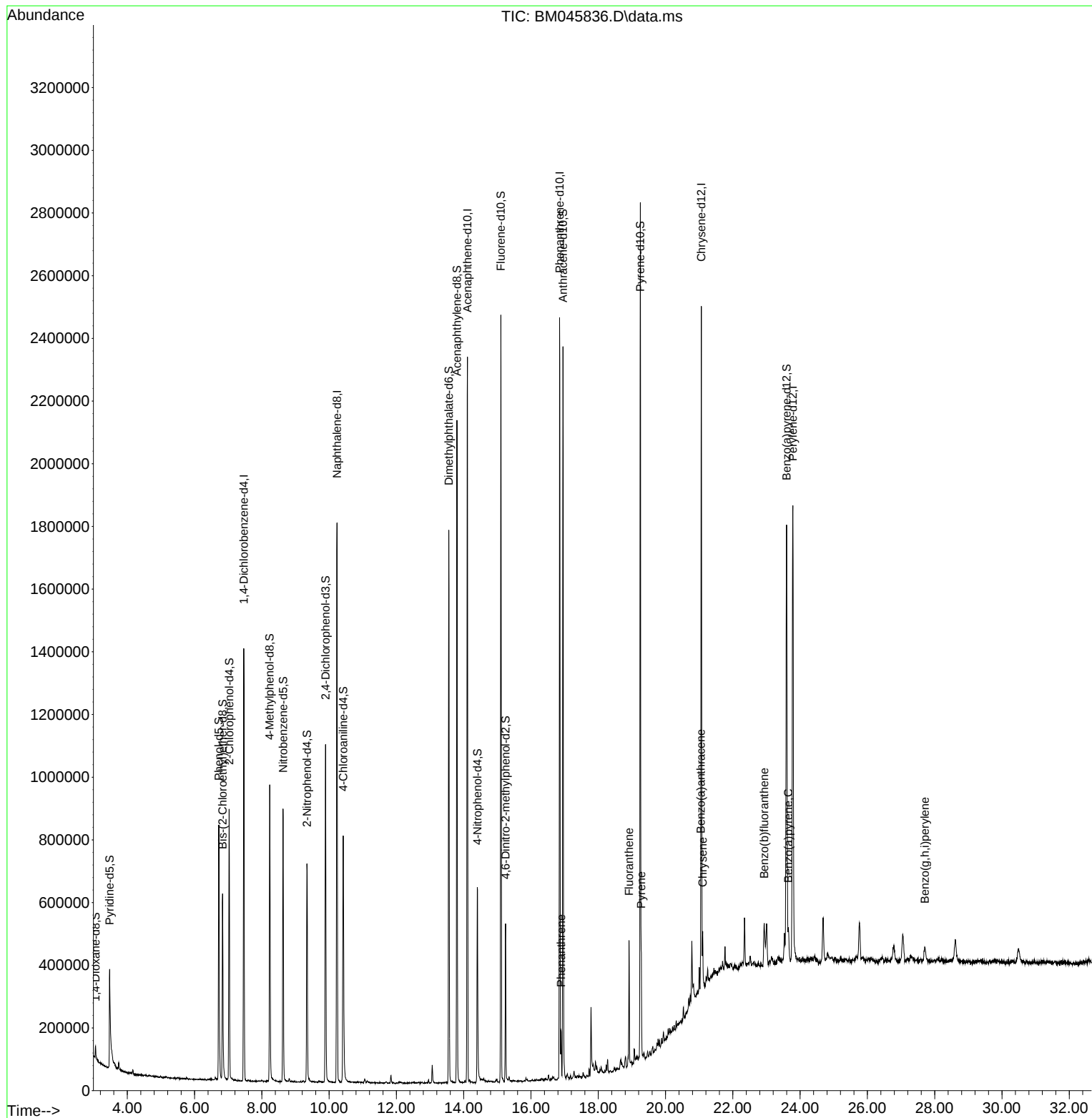
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060424\
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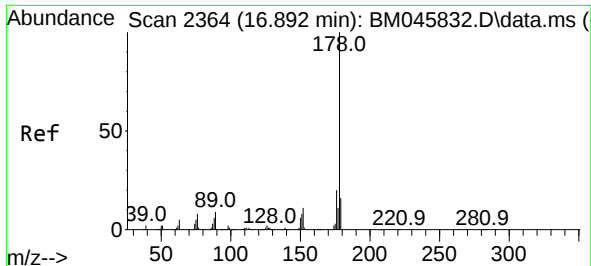
Instrument :
BNA_M
ClientSampleId :
BH6D6

Quant Time: Jun 05 04:59:01 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM053124.MA.M
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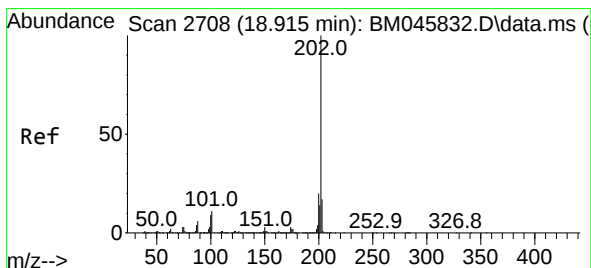
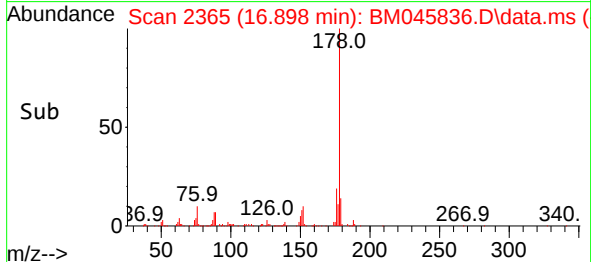
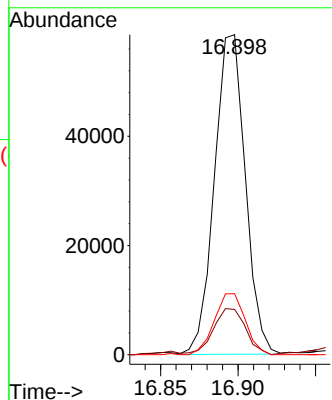
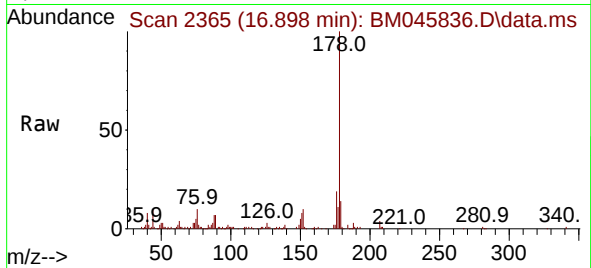
#72
Phenanthrene
Concen: 1.188 ng/ul
RT: 16.898 min Scan# 21
Delta R.T. -0.000 min
Lab File: BM045836.D
Acq: 05 Jun 2024 04:25

Instrument :
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ClientSampleId :
BH6D6

Tgt Ion:178 Resp: 81189
Ion Ratio Lower Upper
178 100
179 14.2 12.4 18.6
176 19.1 15.3 22.9

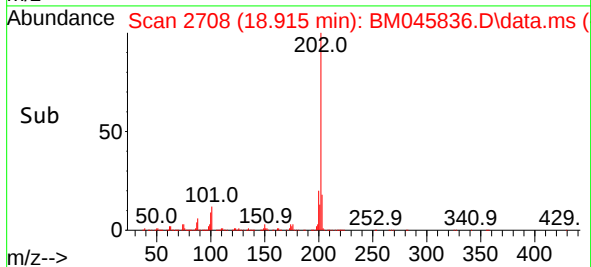
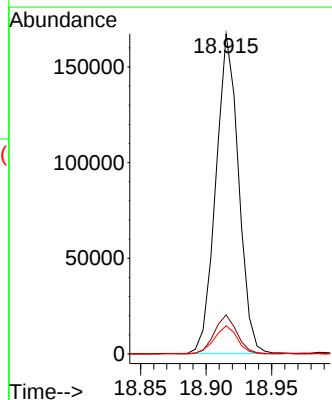
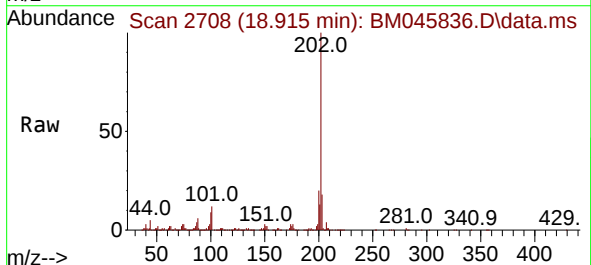
Manual Integrations
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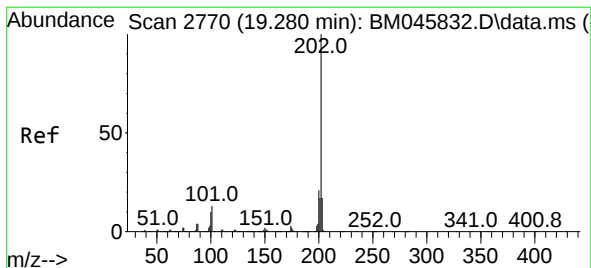
Reviewed By :Jagrut Upadhyay 06/05/2024
Supervised By :mohammad ahmed 06/07/2024



#80
Fluoranthene
Concen: 2.775 ng/ul
RT: 18.915 min Scan# 2708
Delta R.T. -0.006 min
Lab File: BM045836.D
Acq: 05 Jun 2024 04:25

Tgt Ion:202 Resp: 201143
Ion Ratio Lower Upper
202 100
101 12.2 8.9 13.3
100 8.8 6.6 10.0





#82

Pyrene

Concen: 2.395 ng/ul

RT: 19.280 min Scan# 21

Delta R.T. -0.006 min

Lab File: BM045836.D

Acq: 05 Jun 2024 04:25

Instrument :

BNA_M

ClientSampleId :

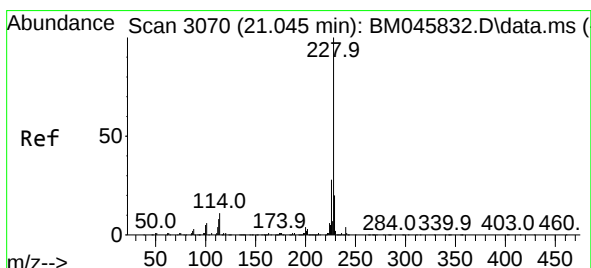
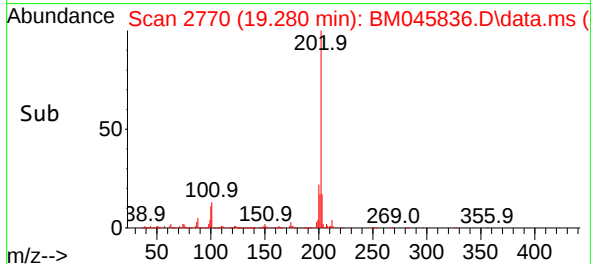
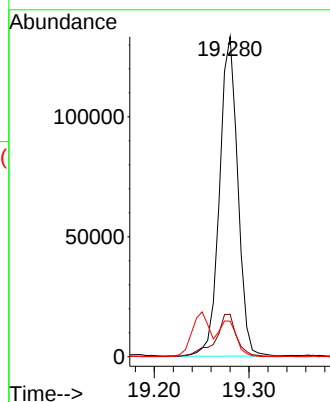
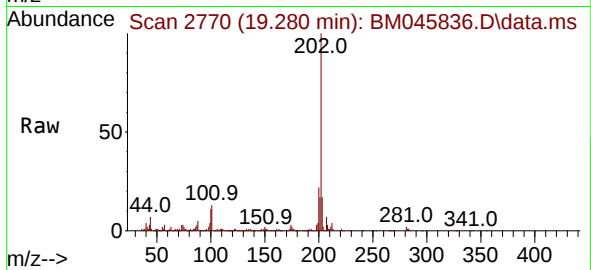
BH6D6

Tgt Ion:	202	Resp:	17831
Ion Ratio	Lower	Upper	
202	100		
101	13.2	10.5	15.7
100	11.1	8.6	12.8

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#85

Benzo(a)anthracene

Concen: 1.103 ng/ul

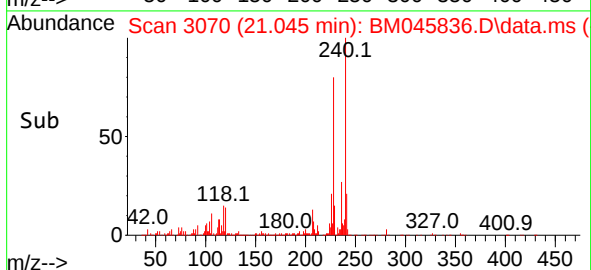
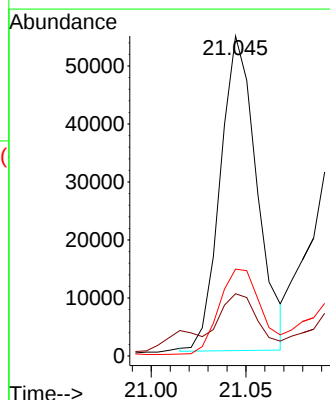
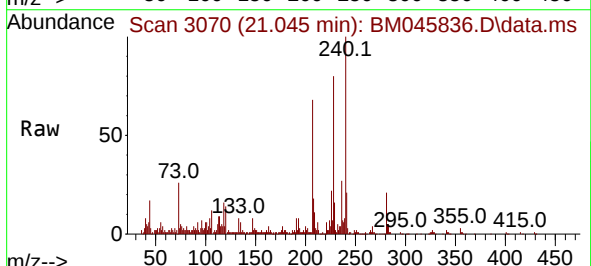
RT: 21.045 min Scan# 3070

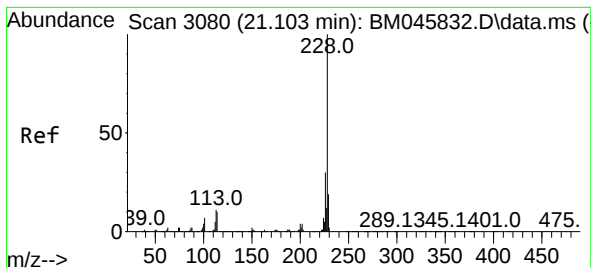
Delta R.T. -0.006 min

Lab File: BM045836.D

Acq: 05 Jun 2024 04:25

Tgt Ion:	228	Resp:	73189
Ion Ratio	Lower	Upper	
228	100		
229	19.4	15.8	23.8
226	27.2	21.4	32.0





#87

Chrysene

Concen: 1.513 ng/ul

RT: 21.103 min Scan# 3080

Delta R.T. -0.006 min

Lab File: BM045836.D

Acq: 05 Jun 2024 04:25

Instrument :

BNA_M

ClientSampleId :

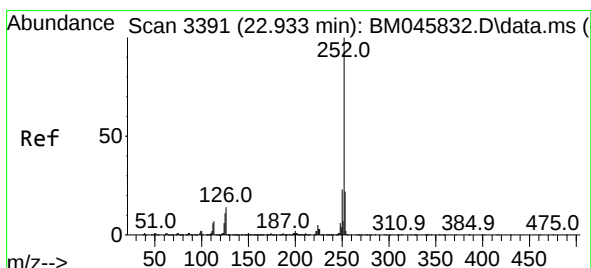
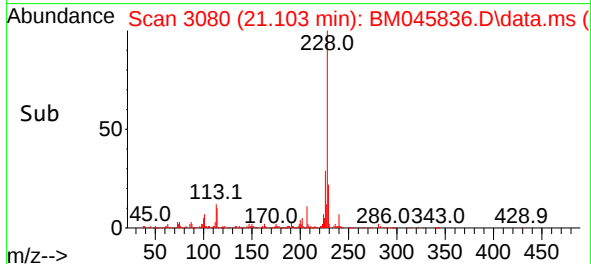
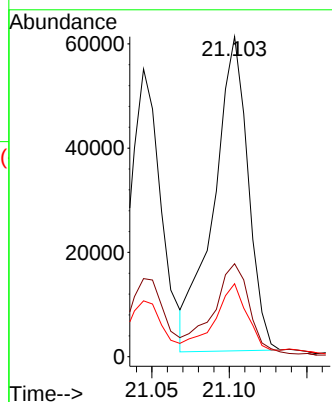
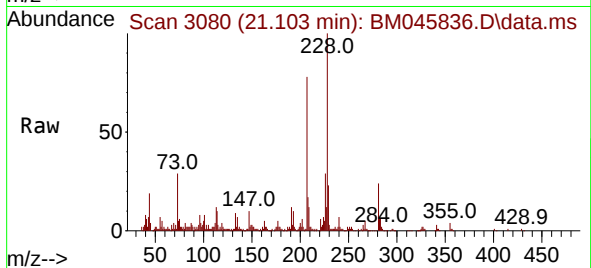
BH6D6

Tgt Ion:	228	Resp:	9293
Ion Ratio	Lower	Upper	
228	100		
226	29.1	24.2	36.2
229	22.8	15.2	22.8

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#90

Benzo(b)fluoranthene

Concen: 1.936 ng/ul m

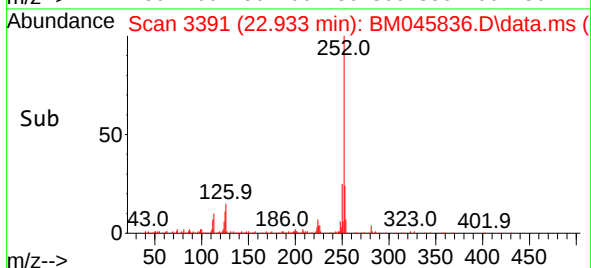
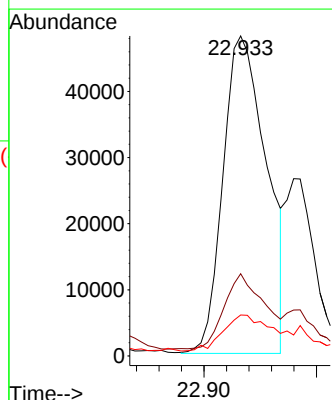
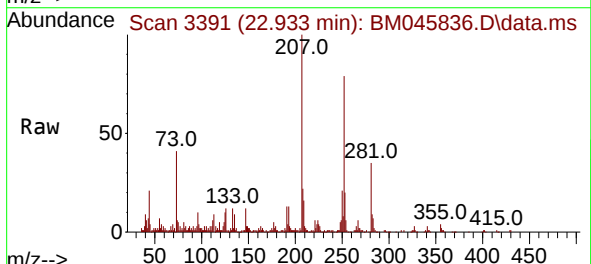
RT: 22.933 min Scan# 3391

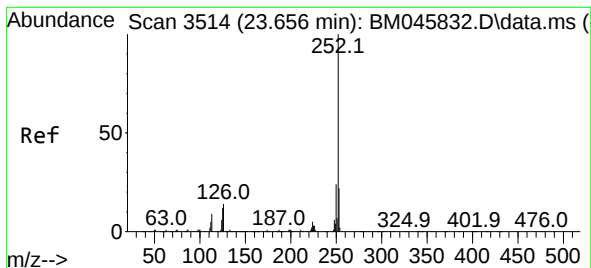
Delta R.T. -0.006 min

Lab File: BM045836.D

Acq: 05 Jun 2024 04:25

Tgt Ion:	252	Resp:	129074
Ion Ratio	Lower	Upper	
252	100		
253	25.7	17.8	26.6
125	12.8	8.4	12.6





#93

Benzo(a)pyrene

Concen: 1.279 ng/ul

RT: 23.650 min Scan# 3

Delta R.T. -0.012 min

Lab File: BM045836.D

Acq: 05 Jun 2024 04:25

Instrument :

BNA_M

ClientSampleId :

BH6D6

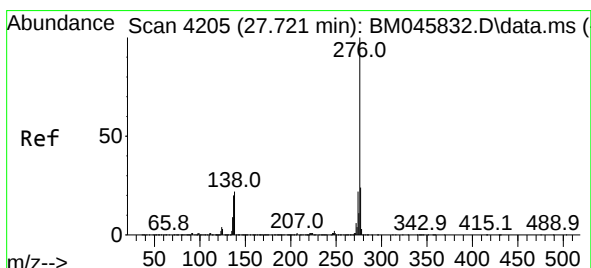
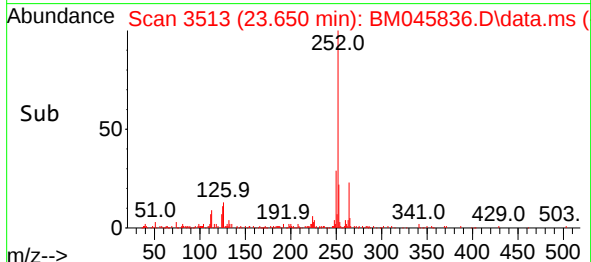
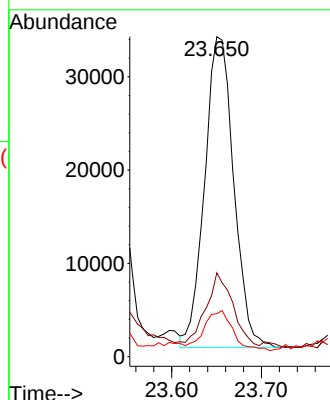
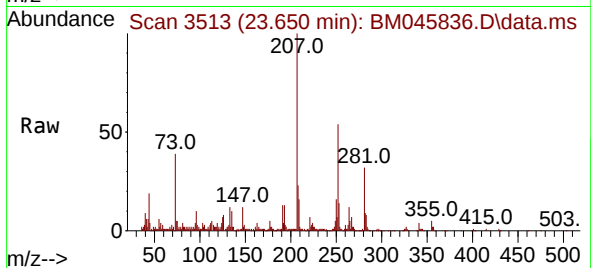
Tgt Ion:252 Resp: 7494

Ion	Ratio	Lower	Upper
252	100		
253	26.2	17.5	26.3
125	13.5	9.3	13.9

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#96

Benzo(g,h,i)perylene

Concen: 1.113 ng/ul m

RT: 27.709 min Scan# 4203

Delta R.T. -0.018 min

Lab File: BM045836.D

Acq: 05 Jun 2024 04:25

Tgt Ion:276 Resp: 62724

Ion	Ratio	Lower	Upper
276	100		
138	22.8	18.6	27.8
277	24.0	18.7	28.1

