

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060424\
 Data File : BM045822.D
 Acq On : 04 Jun 2024 18:33
 Operator : MA/JU
 Sample : P2589-11
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BH6C5

Manual Integrations
 APPROVED

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

Quant Time: Jun 05 00:21:22 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	263485	20.000	ng/u1	0.00
20) Naphthalene-d8	10.234	136	1117319	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.110	164	708931	20.000	ng/u1	0.00
64) Phenanthrene-d10	16.857	188	1420024	20.000	ng/u1	0.00
79) Chrysene-d12	21.068	240	1232399	20.000	ng/u1	0.00
88) Perylene-d12	23.786	264	1173358	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.058	96	20299	2.987	ng/uL	0.00
4) Pyridine-d5	3.475	84	248294	14.189	ng/u1	0.00
7) Phenol-d5	6.722	99	431770	19.289	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	6.834	67	327466	20.373	ng/u1	0.00
11) 2-Chlorophenol-d4	7.028	132	342862	20.506	ng/u1	0.00
15) 4-Methylphenol-d8	8.240	113	338385	20.010	ng/u1	0.00
21) Nitrobenzene-d5	8.634	128	172477	19.743	ng/u1	0.00
24) 2-Nitrophenol-d4	9.345	143	173843	19.662	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	9.892	165	322018	19.422	ng/u1	0.00
31) 4-Chloroaniline-d4	10.422	131	453744	19.774	ng/u1	0.00
46) Dimethylphthalate-d6	13.563	166	1083435	22.075	ng/u1	0.00
49) Acenaphthylene-d8	13.798	160	1193008	20.933	ng/u1	0.00
54) 4-Nitrophenol-d4	14.404	143	149945	14.156	ng/u1	0.00
60) Fluorene-d10	15.110	176	916949	21.900	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.245	200	114232	15.753	ng/u1	0.00
73) Anthracene-d10	16.951	188	1397554	22.639	ng/u1	0.00
81) Pyrene-d10	19.251	212	1701080	22.195	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.603	264	1309160	23.873	ng/u1	0.00
Target Compounds					Qvalue	
72) Phenanthrene	16.898	178	92001	1.230	ng/u1	99
80) Fluoranthene	18.915	202	256766	2.764	ng/u1	98
82) Pyrene	19.280	202	244660	2.563	ng/u1	97
85) Benzo(a)anthracene	21.045	228	118651	1.394	ng/u1	96
87) Chrysene	21.103	228	131937	1.676	ng/u1	98
90) Benzo(b)fluoranthene	22.933	252	148412m	2.058	ng/u1	
93) Benzo(a)pyrene	23.656	252	91233	1.440	ng/u1	97

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

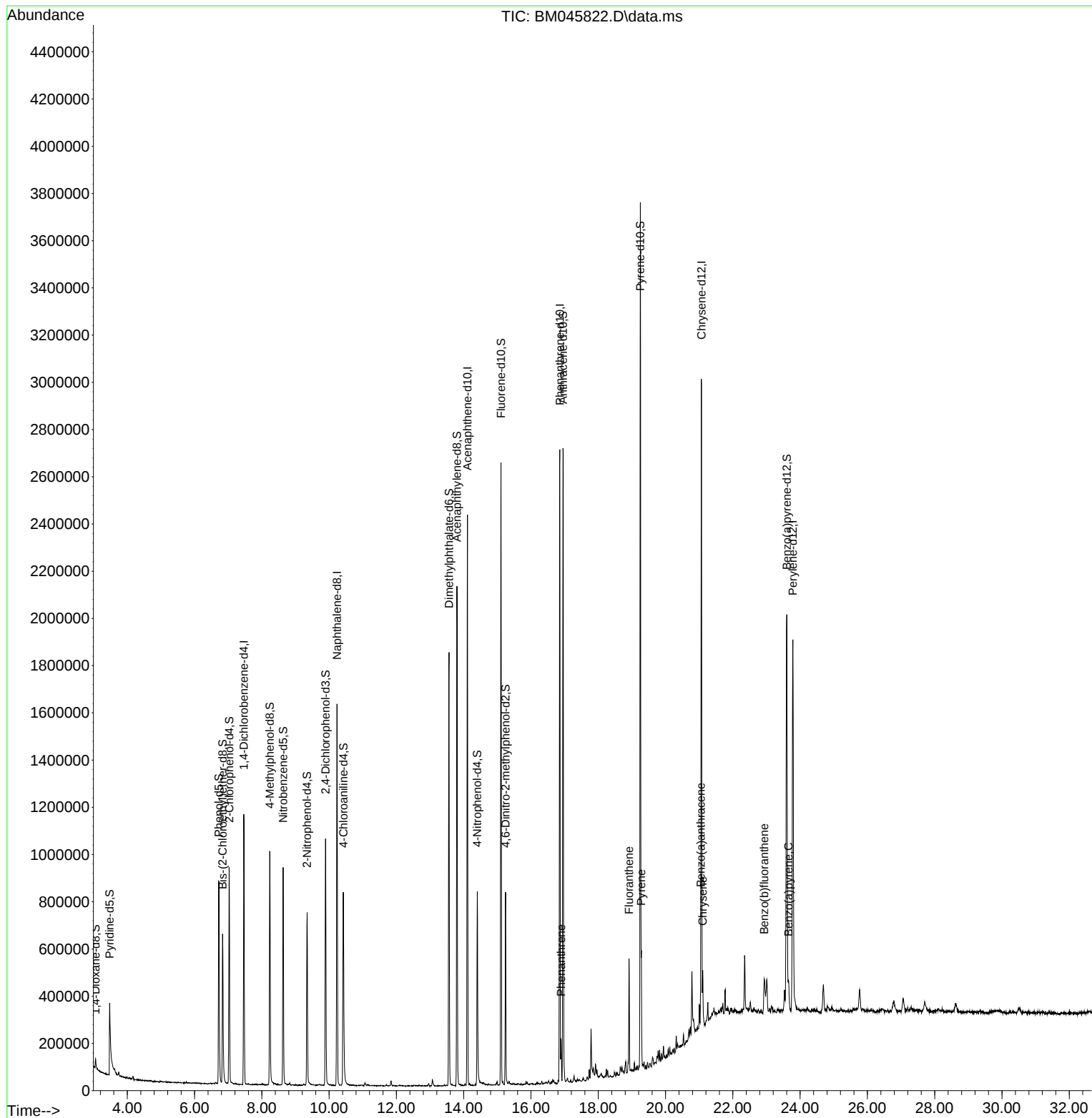
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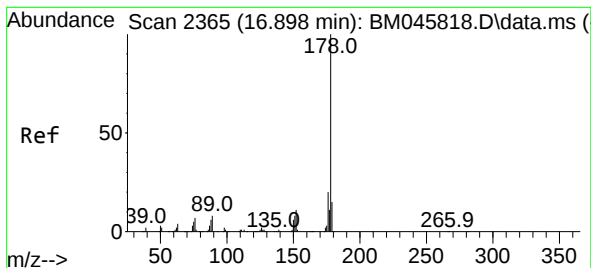
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Quant Title : SVOA CALIBRATION
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#72

Phenanthrene

Concen: 1.230 ng/ul

RT: 16.898 min Scan# 21

Delta R.T. 0.000 min

Lab File: BM045822.D

Acq: 04 Jun 2024 18:33

Instrument :

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ClientSampleId :

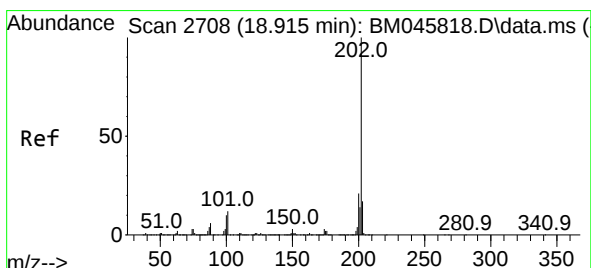
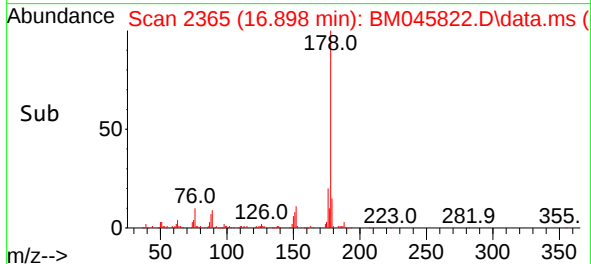
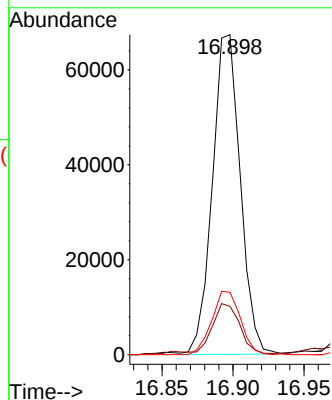
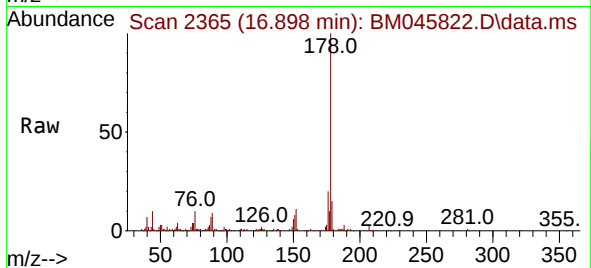
BH6C5

Tgt Ion:	178	Resp:	9200
Ion Ratio	Lower	Upper	
178	100		
179	15.1	12.4	18.6
176	19.5	15.3	22.9

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#80

Fluoranthene

Concen: 2.764 ng/ul

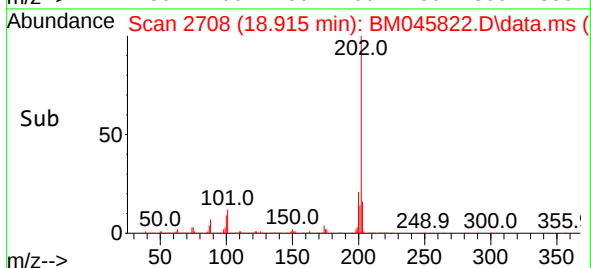
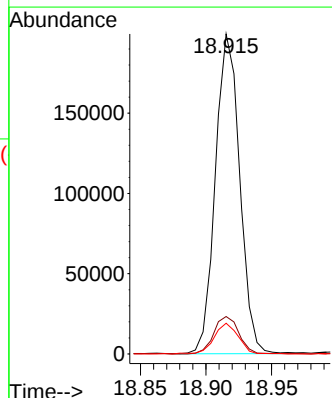
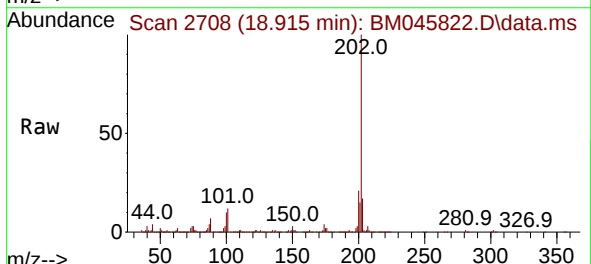
RT: 18.915 min Scan# 2708

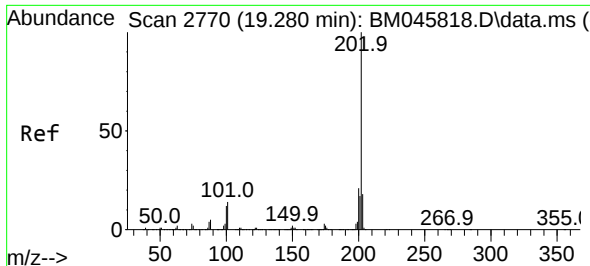
Delta R.T. -0.006 min

Lab File: BM045822.D

Acq: 04 Jun 2024 18:33

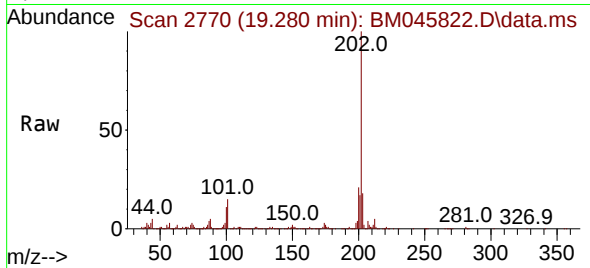
Tgt Ion:	202	Resp:	256766
Ion Ratio	Lower	Upper	
202	100		
101	11.7	8.9	13.3
100	9.6	6.6	10.0





#82
Pyrene
Concen: 2.563 ng/ul
RT: 19.280 min Scan# 21
Delta R.T. -0.006 min
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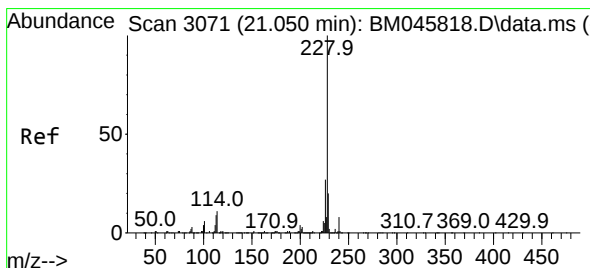
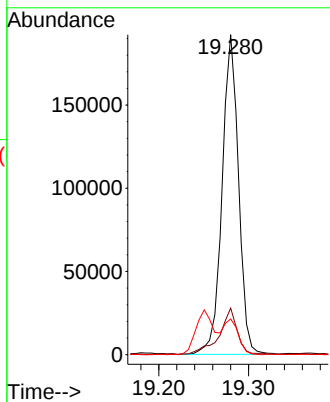
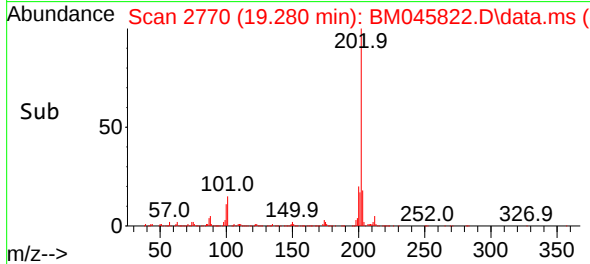
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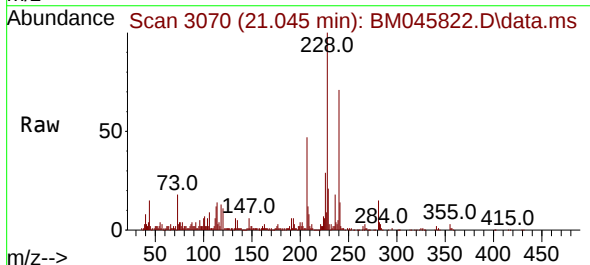
Tgt Ion:202 Resp: 244660
Ion Ratio Lower Upper
202 100
101 14.6 10.5 15.7
100 11.2 8.6 12.8

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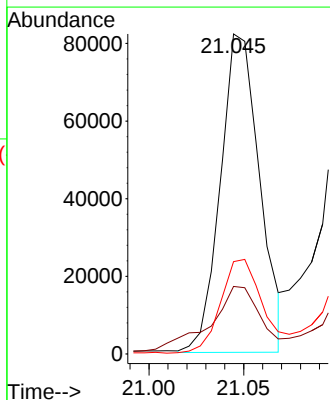
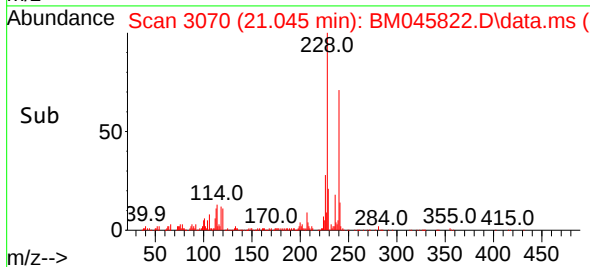
Reviewed By :Jagrut Upadhyay 06/05/2024
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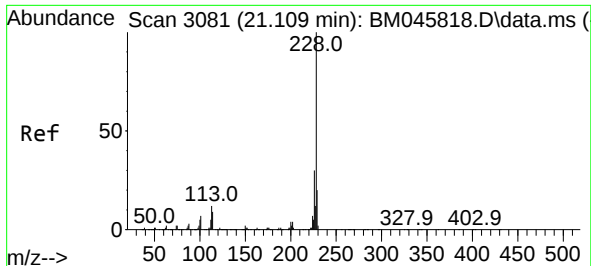


#85
Benzo(a)anthracene
Concen: 1.394 ng/ul
RT: 21.045 min Scan# 3070
Delta R.T. -0.006 min
Lab File: BM045822.D
Acq: 04 Jun 2024 18:33



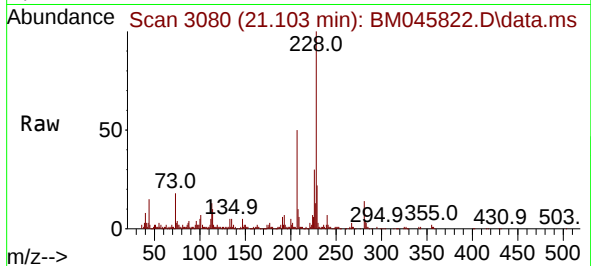
Tgt Ion:228 Resp: 118651
Ion Ratio Lower Upper
228 100
229 21.1 15.8 23.8
226 28.9 21.4 32.0





#87
Chrysene
Concen: 1.676 ng/ul
RT: 21.103 min Scan# 3081
Delta R.T. -0.006 min
Lab File: BM045822.D
Acq: 04 Jun 2024 18:33

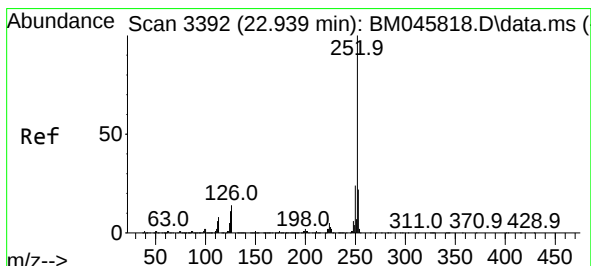
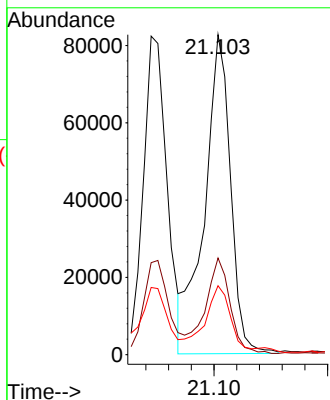
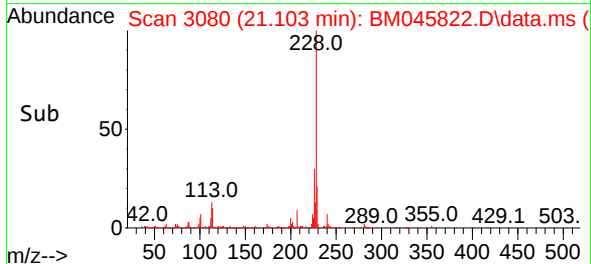
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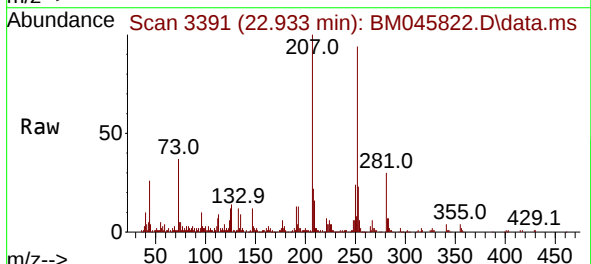
Tgt Ion:228 Resp: 13193
Ion Ratio Lower Upper
228 100
226 30.2 24.2 36.2
229 21.6 15.2 22.8

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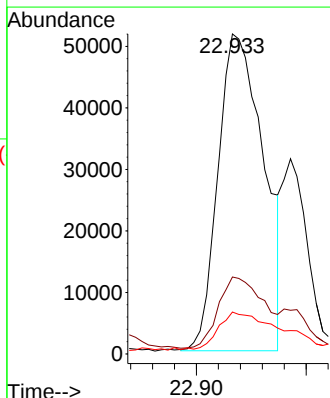
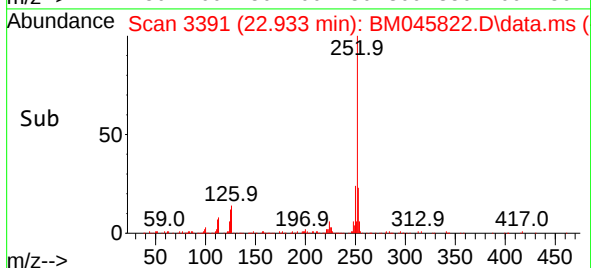
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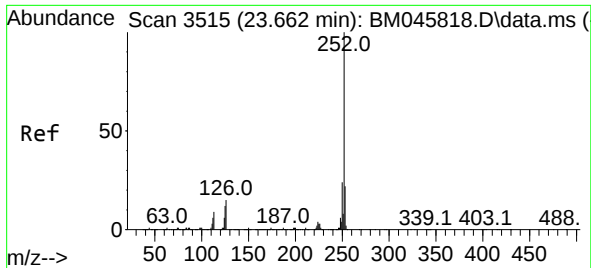


#90
Benzo(b)fluoranthene
Concen: 2.058 ng/ul m
RT: 22.933 min Scan# 3391
Delta R.T. -0.006 min
Lab File: BM045822.D
Acq: 04 Jun 2024 18:33



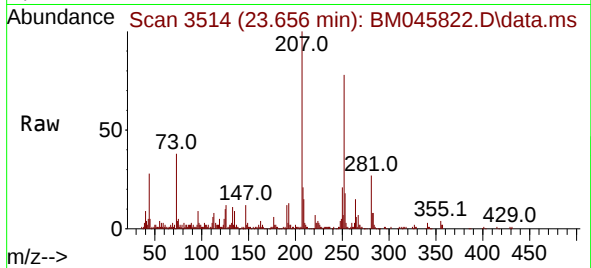
Tgt Ion:252 Resp: 148412
Ion Ratio Lower Upper
252 100
253 24.1 17.8 26.6
125 13.1 8.4 12.6#





#93
Benzo(a)pyrene
Concen: 1.440 ng/ul
RT: 23.656 min Scan# 3514
Delta R.T. -0.006 min
Lab File: BM045822.D
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Instrument :
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Tgt Ion:252 Resp: 91233
Ion Ratio Lower Upper
252 100
253 23.0 17.5 26.3
125 12.9 9.3 13.9

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