

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM091622\
 Data File : BM036560.D
 Acq On : 16 Sep 2022 13:35
 Operator : CG/JU
 Sample : N4601-06
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A5744

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 09/19/2022
 Supervised By :mohammad ahmed 09/19/2022

Quant Time: Sep 16 22:58:47 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM091522.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Sep 16 02:39:54 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.016	152	424286	20.000	ng/u1	-0.01
20) Naphthalene-d8	10.834	136	1824803	20.000	ng/u1	-0.01
38) Acenaphthene-d10	14.645	164	1152125	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.380	188	2435472	20.000	ng/u1	-0.01
79) Chrysene-d12	21.551	240	2522704	20.000	ng/u1	0.00
88) Perylene-d12	24.003	264	2618281	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.387	96	33082	2.923	ng/uL	0.00
4) Pyridine-d5	3.852	84	33887m	1.027	ng/u1	0.04
7) Phenol-d5	7.163	99	621402	16.389	ng/u1	-0.01
9) Bis-(2-Chloroethyl)eth...	7.340	67	403105	17.506	ng/u1	-0.01
11) 2-Chlorophenol-d4	7.540	132	499133	18.285	ng/u1	-0.01
15) 4-Methylphenol-d8	8.716	113	460183	16.426	ng/u1	-0.02
21) Nitrobenzene-d5	9.181	128	229247	18.561	ng/u1	-0.01
24) 2-Nitrophenol-d4	9.910	143	209891	18.972	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.446	165	457092	17.828	ng/u1	-0.01
31) 4-Chloroaniline-d4	10.963	131	478976	11.236	ng/u1	-0.01
46) Dimethylphthalate-d6	14.057	166	1492142	19.203	ng/u1	0.00
49) Acenaphthylene-d8	14.339	160	1742417	18.904	ng/u1	-0.01
54) 4-Nitrophenol-d4	14.816	143	211830	14.055	ng/u1	-0.01
60) Fluorene-d10	15.633	176	1362718	19.569	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.739	200	119793	12.432	ng/u1	-0.01
73) Anthracene-d10	17.480	188	2042858	18.345	ng/u1	0.00
81) Pyrene-d10	19.763	212	2622556	21.131	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.845	264	2596762	20.300	ng/u1	0.00
Target Compounds					Qvalue	
72) Phenanthrene	17.422	178	353624	2.636	ng/u1	99
80) Fluoranthene	19.433	202	839771	5.522	ng/u1	99
82) Pyrene	19.792	202	782214	4.859	ng/u1	98
85) Benzo(a)anthracene	21.539	228	387146	2.449	ng/u1	94
87) Chrysene	21.592	228	425472	2.836	ng/u1	97
90) Benzo(b)fluoranthene	23.256	252	586379	3.532	ng/u1	99
91) Benzo(k)fluoranthene	23.298	252	210229m	1.267	ng/u1	
93) Benzo(a)pyrene	23.892	252	386356	2.647	ng/u1	98
94) Indeno(1,2,3-cd)pyrene	26.544	276	272647	1.600	ng/u1	96
96) Benzo(g,h,i)perylene	27.321	276	236088	1.598	ng/u1	97

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

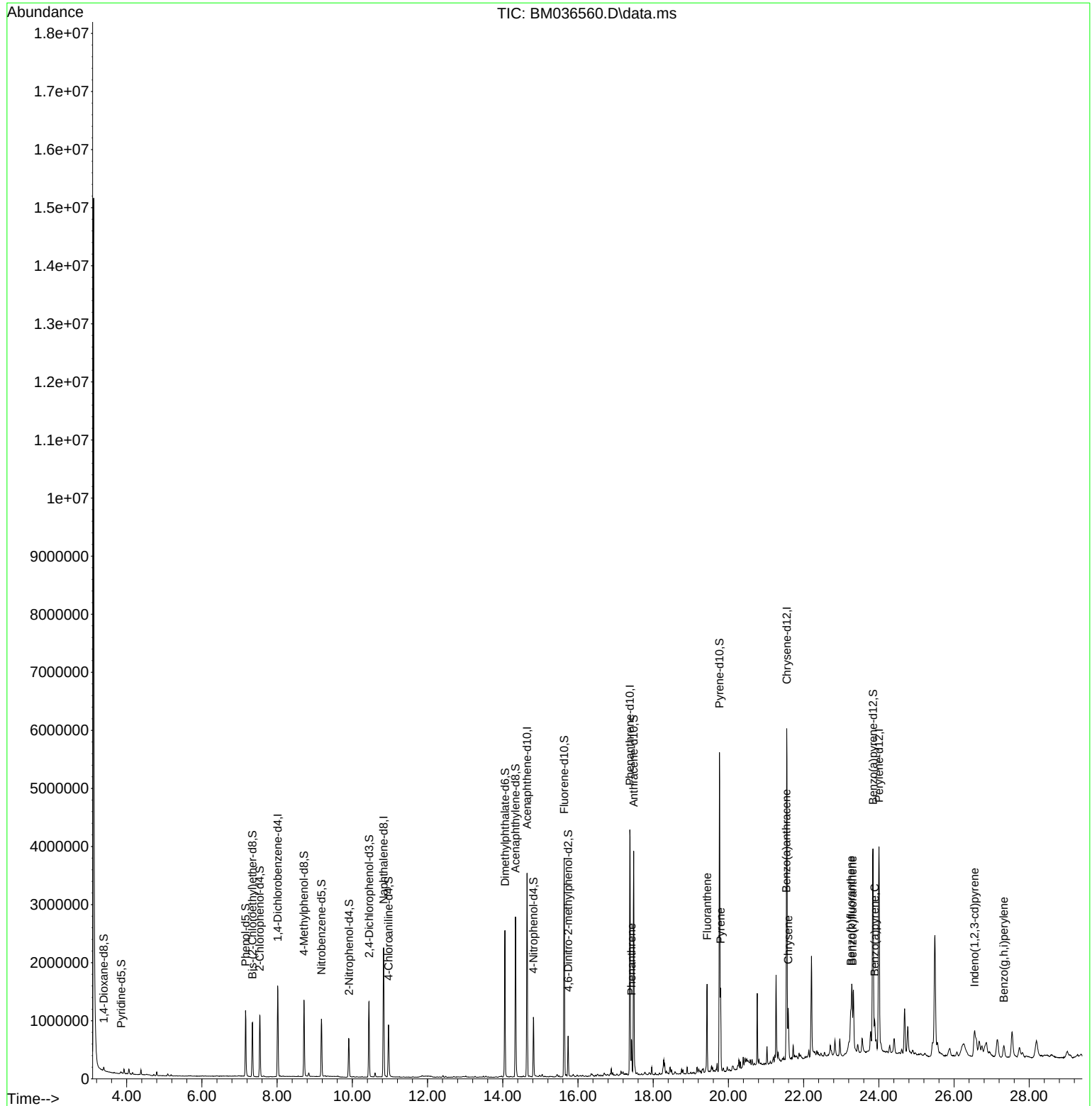
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM091622\
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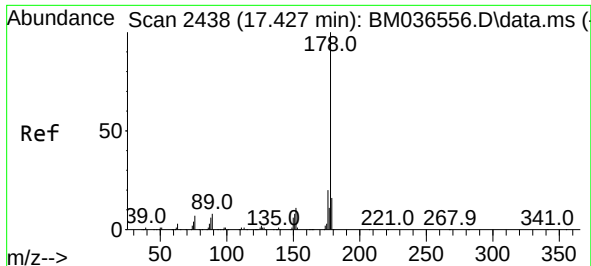
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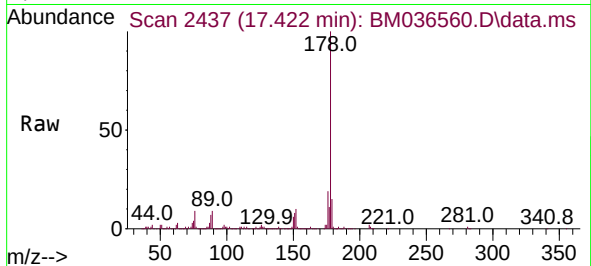
Quant Time: Sep 16 22:58:47 2022
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#72
Phenanthrene
Concen: 2.636 ng/ul
RT: 17.422 min Scan# 2438
Delta R.T. -0.011 min
Lab File: BM036560.D
Acq: 16 Sep 2022 13:35

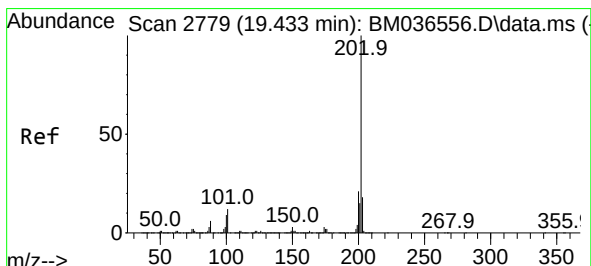
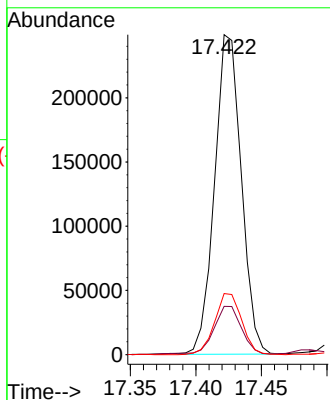
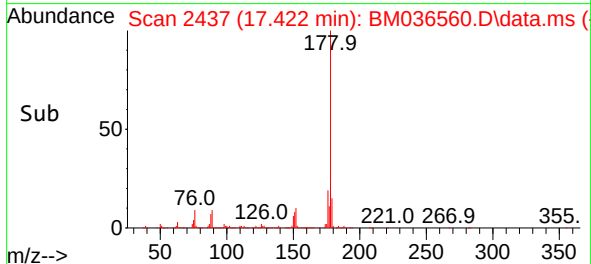
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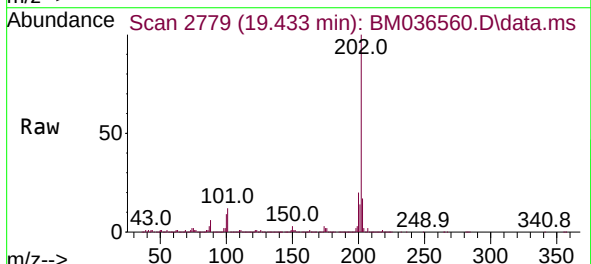
Tgt Ion:178 Resp: 353624
Ion Ratio Lower Upper
178 100
179 15.1 12.2 18.2
176 19.1 15.7 23.5

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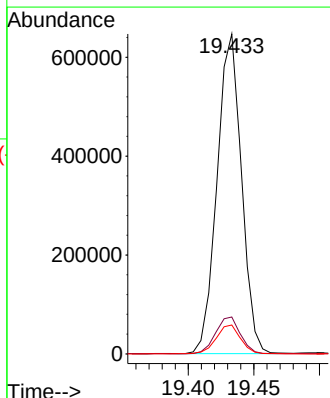
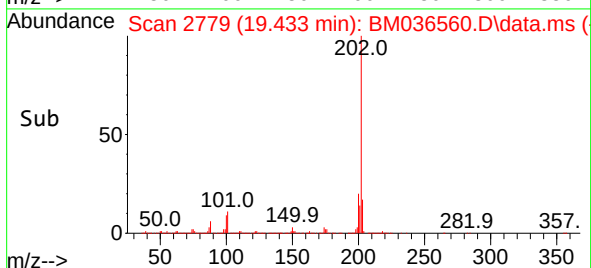
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Supervised By :mohammad ahmed 09/19/2022

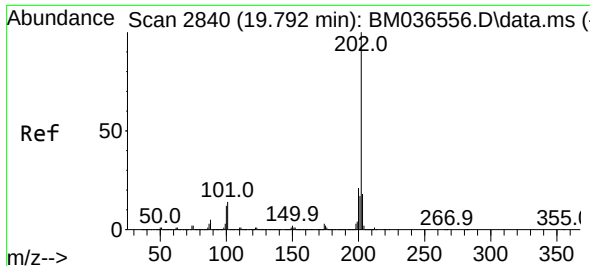


#80
Fluoranthene
Concen: 5.522 ng/ul
RT: 19.433 min Scan# 2779
Delta R.T. 0.000 min
Lab File: BM036560.D
Acq: 16 Sep 2022 13:35



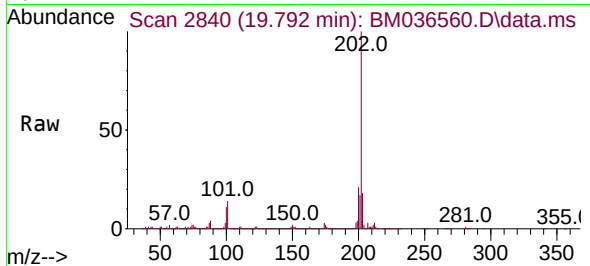
Tgt Ion:202 Resp: 839771
Ion Ratio Lower Upper
202 100
101 11.5 9.8 14.6
100 9.0 7.4 11.2





#82
 Pyrene
 Concen: 4.859 ng/ul
 RT: 19.792 min Scan# 2840
 Delta R.T. -0.006 min
 Lab File: BM036560.D
 Acq: 16 Sep 2022 13:35

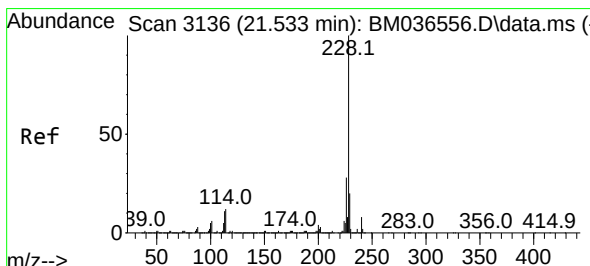
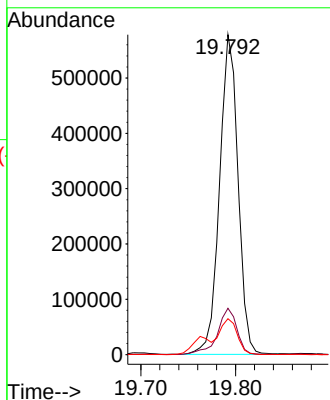
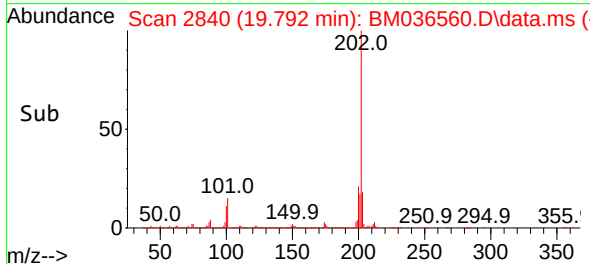
Instrument :
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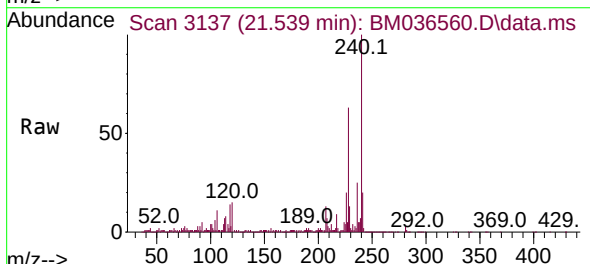
Tgt Ion:202 Resp: 782214
 Ion Ratio Lower Upper
 202 100
 101 14.5 10.9 16.3
 100 11.2 8.7 13.1

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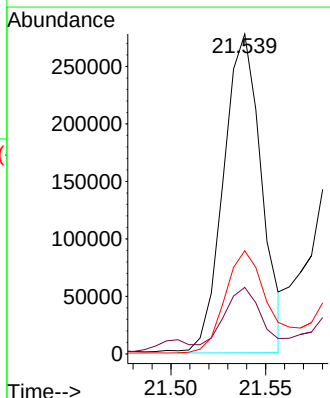
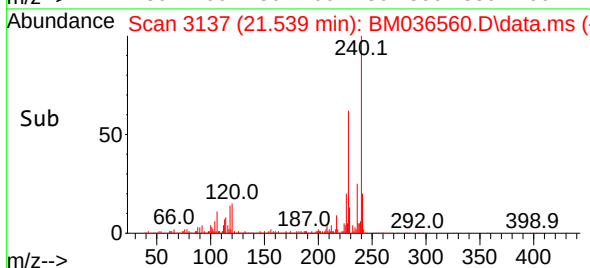
Reviewed By :Jagrut Upadhyay 09/19/2022
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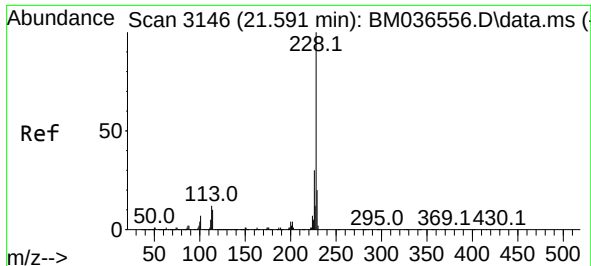


#85
 Benzo(a)anthracene
 Concen: 2.449 ng/ul
 RT: 21.539 min Scan# 3137
 Delta R.T. 0.000 min
 Lab File: BM036560.D
 Acq: 16 Sep 2022 13:35



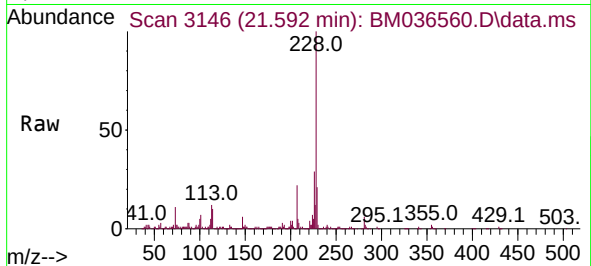
Tgt Ion:228 Resp: 387146
 Ion Ratio Lower Upper
 228 100
 229 20.8 15.8 23.8
 226 32.2 21.9 32.9





#87
Chrysene
Concen: 2.836 ng/ul
RT: 21.592 min Scan# 3146
Delta R.T. 0.000 min
Lab File: BM036560.D
Acq: 16 Sep 2022 13:35

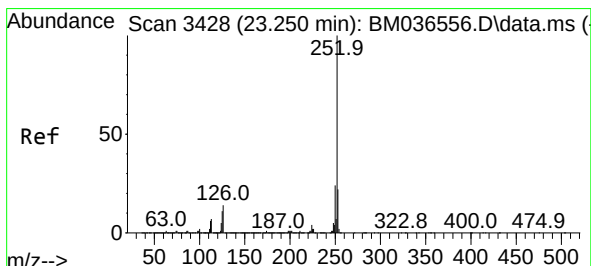
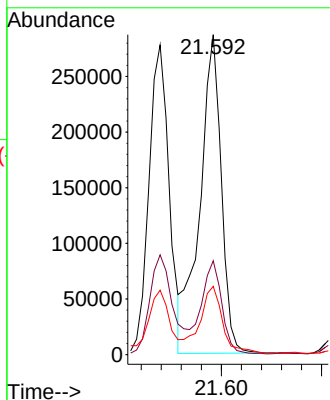
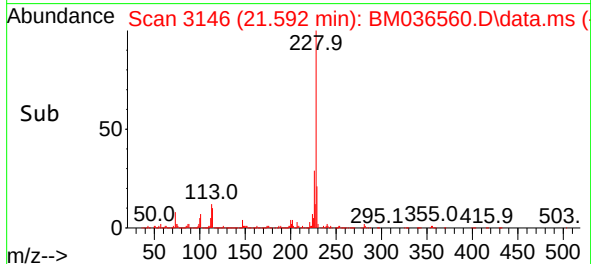
Instrument :
BNA_M
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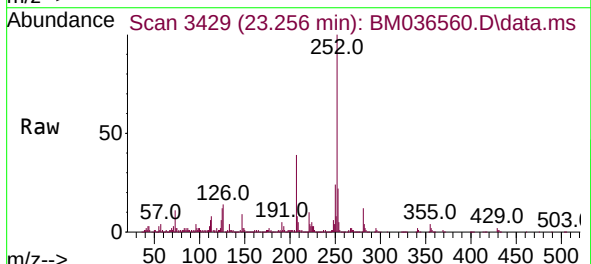
Tgt Ion:228 Resp: 425472
Ion Ratio Lower Upper
228 100
226 29.3 24.4 36.6
229 21.4 15.6 23.4

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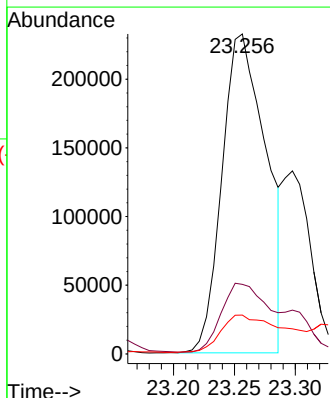
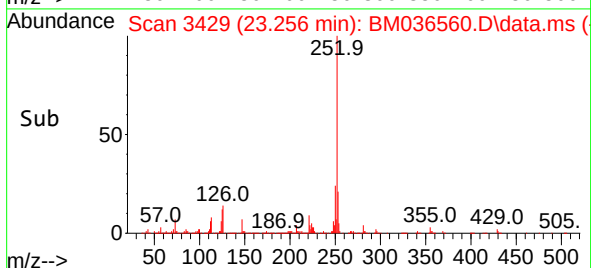
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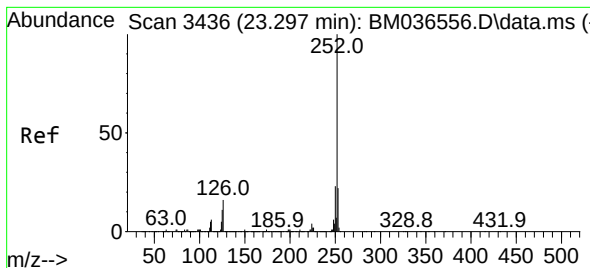


#90
Benzo(b)fluoranthene
Concen: 3.532 ng/ul
RT: 23.256 min Scan# 3429
Delta R.T. 0.006 min
Lab File: BM036560.D
Acq: 16 Sep 2022 13:35



Tgt Ion:252 Resp: 586379
Ion Ratio Lower Upper
252 100
253 21.7 17.6 26.4
125 12.1 9.1 13.7





#91

Benzo(k)fluoranthene

Concen: 1.267 ng/ul m

RT: 23.298 min Scan# 3436

Delta R.T. -0.006 min

Lab File: BM036560.D

Acq: 16 Sep 2022 13:35

Instrument :

BNA_M

ClientSampleId :

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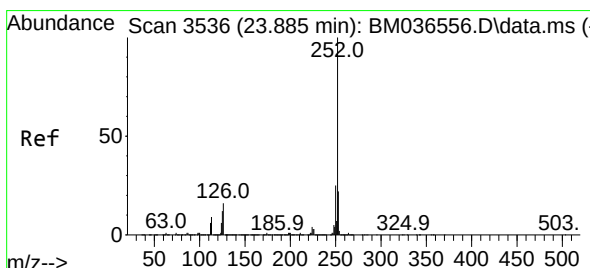
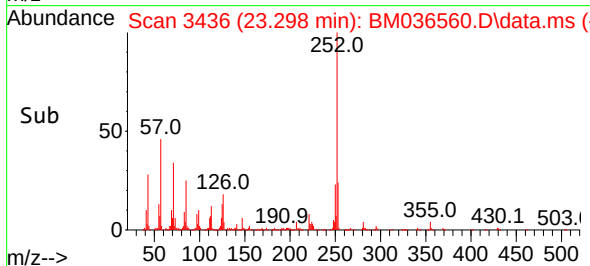
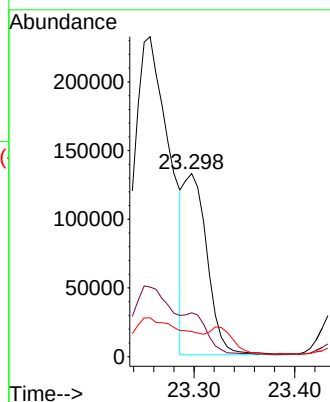
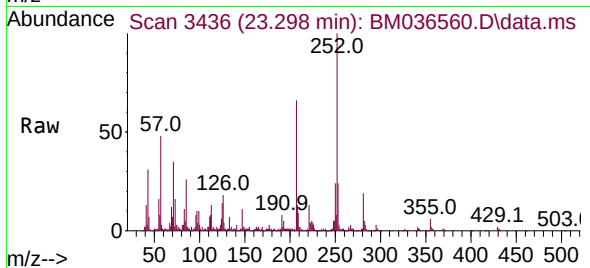
Tgt Ion:252 Resp: 210229

Ion	Ratio	Lower	Upper
252	100		
253	24.0	17.8	26.8
125	13.7	8.2	12.4

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#93

Benzo(a)pyrene

Concen: 2.647 ng/ul

RT: 23.892 min Scan# 3537

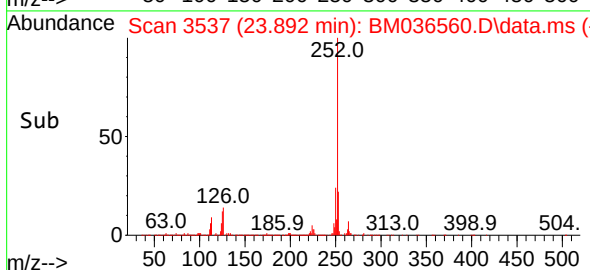
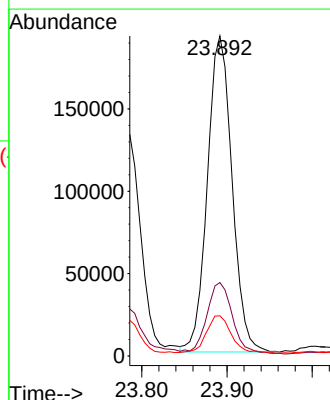
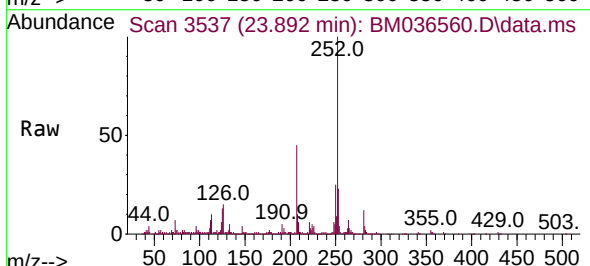
Delta R.T. 0.000 min

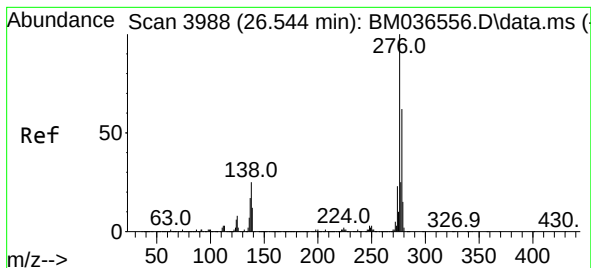
Lab File: BM036560.D

Acq: 16 Sep 2022 13:35

Tgt Ion:252 Resp: 386356

Ion	Ratio	Lower	Upper
252	100		
253	22.9	17.5	26.3
125	12.5	9.5	14.3





#94

Indeno(1,2,3-cd)pyrene

Concen: 1.600 ng/ul

RT: 26.544 min Scan# 3988

Delta R.T. -0.006 min

Lab File: BM036560.D

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BNA_M

ClientSampleId :

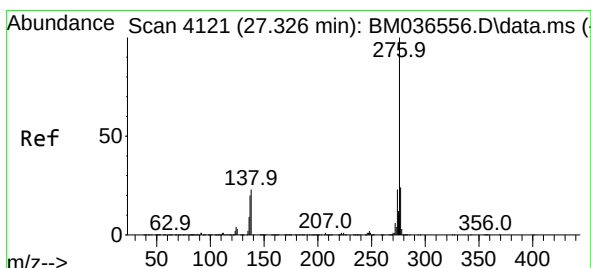
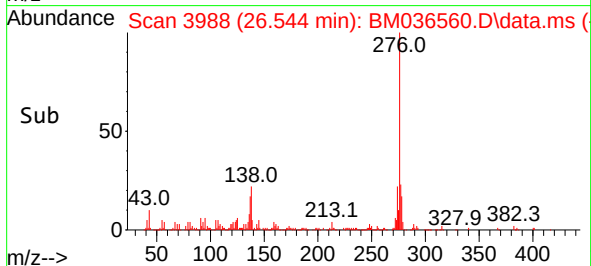
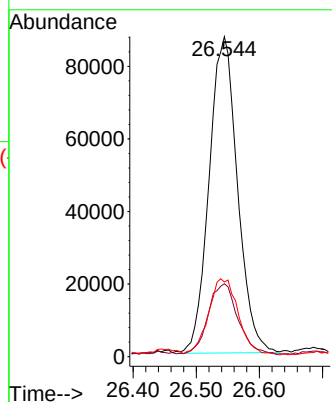
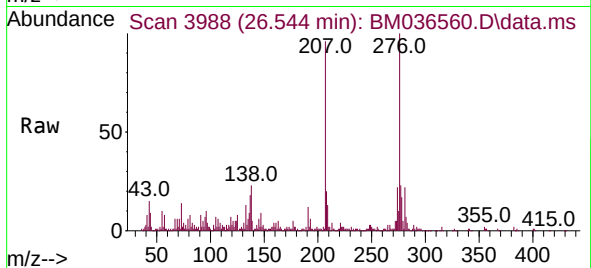
A5744

Tgt Ion:	276	Resp:	27264
Ion Ratio	Lower	Upper	
276	100		
138	22.8	20.2	30.4
277	23.4	19.7	29.5

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#96

Benzo(g,h,i)perylene

Concen: 1.598 ng/ul

RT: 27.321 min Scan# 4120

Delta R.T. -0.011 min

Lab File: BM036560.D

Acq: 16 Sep 2022 13:35

Tgt Ion:	276	Resp:	236088
Ion Ratio	Lower	Upper	
276	100		
138	21.6	18.7	28.1
277	22.6	19.2	28.8

