

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM051122\
 Data File : BM034992.D
 Acq On : 11 May 2022 19:20
 Operator : CG/JU
 Sample : N2603-16
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 EW496

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 05/12/2022
 Supervised By :Yogesh Patel 05/17/2022

Quant Time: May 12 03:29:53 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM051022.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue May 10 16:40:09 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.922	152	231358	20.000	ng/u1	0.00
20) Naphthalene-d8	10.722	136	960389	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.551	164	539345	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.292	188	928452	20.000	ng/u1	0.00
79) Chrysene-d12	21.468	240	741271	20.000	ng/u1	0.00
88) Perylene-d12	23.856	264	824260	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.369	96	29800	5.389	ng/uL	0.00
4) Pyridine-d5	3.781	84	227046	14.895	ng/u1	0.00
7) Phenol-d5	7.081	99	584307	29.194	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.251	67	390552	31.088	ng/u1	0.00
11) 2-Chlorophenol-d4	7.451	132	512012	32.554	ng/u1	0.00
15) 4-Methylphenol-d8	8.628	113	458356	28.089	ng/u1	0.00
21) Nitrobenzene-d5	9.081	128	252262	34.271	ng/u1	0.00
24) 2-Nitrophenol-d4	9.804	143	276620	34.842	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.339	165	472182	31.779	ng/u1	0.00
31) 4-Chloroaniline-d4	10.857	131	520703	24.613	ng/u1	0.00
46) Dimethylphthalate-d6	13.963	166	1411540	34.702	ng/u1	0.00
49) Acenaphthylene-d8	14.245	160	1704719	33.029	ng/u1	0.00
54) 4-Nitrophenol-d4	14.739	143	170951	24.597	ng/u1	0.00
60) Fluorene-d10	15.545	176	1157439	33.729	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.657	200	148277	25.344	ng/u1	0.00
73) Anthracene-d10	17.392	188	1540810	34.110	ng/u1	0.00
81) Pyrene-d10	19.680	212	1616638	34.926	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.703	264	1622634	37.667	ng/u1	0.00
Target Compounds						
					Qvalue	
72) Phenanthrene	17.333	178	60215	1.153	ng/u1	99
80) Fluoranthene	19.345	202	115978	2.084	ng/u1#	94
82) Pyrene	19.709	202	101653	1.789	ng/u1	98
85) Benzo(a)anthracene	21.450	228	53174	1.104	ng/u1#	92
87) Chrysene	21.503	228	52863m	1.127	ng/u1	
90) Benzo(b)fluoranthene	23.133	252	76872	1.388	ng/u1#	88
93) Benzo(a)pyrene	23.750	252	53232	1.009	ng/u1#	89

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

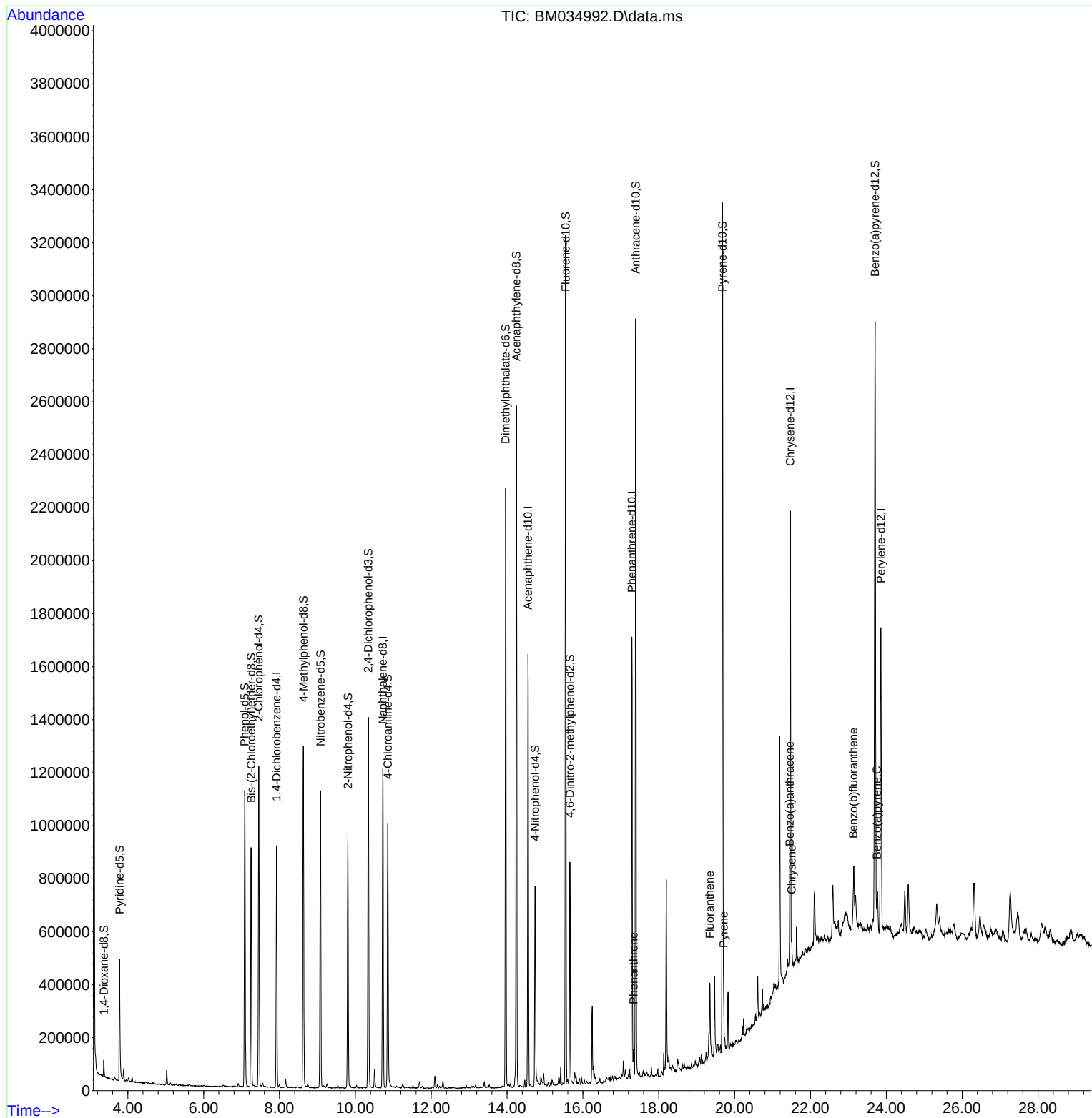
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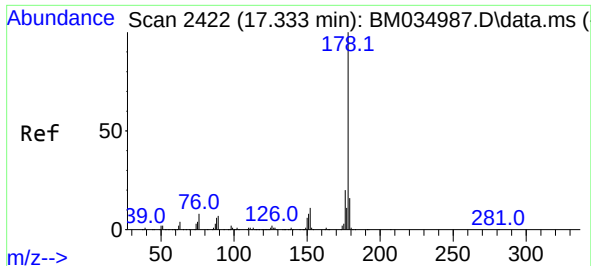
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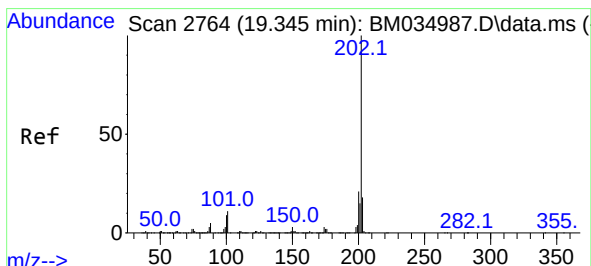
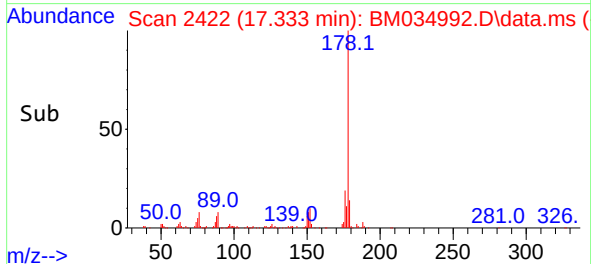
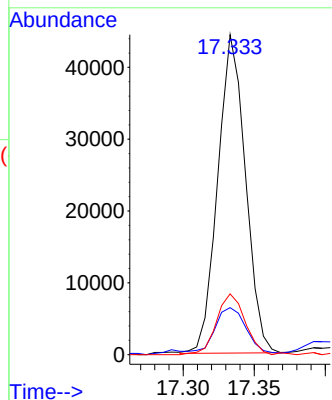
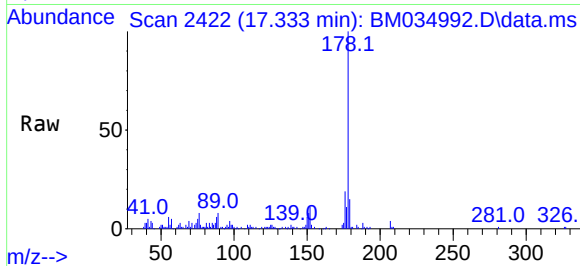
#72
Phenanthrene
Concen: 1.153 ng/ul
RT: 17.333 min Scan# 2422
Delta R.T. -0.006 min
Lab File: BM034992.D
Acq: 11 May 2022 19:20

Instrument :
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ClientSampleId :
EW496

Tgt Ion:178 Resp: 60215
Ion Ratio Lower Upper
178 100
179 14.7 12.2 18.4
176 19.0 15.0 22.6

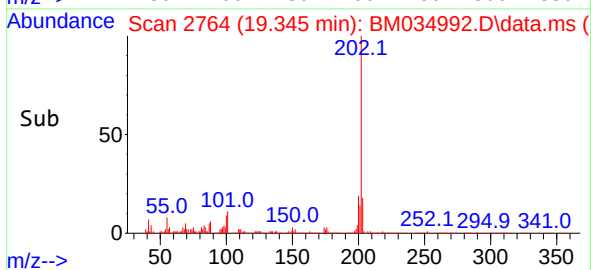
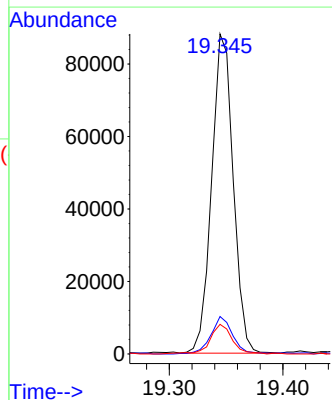
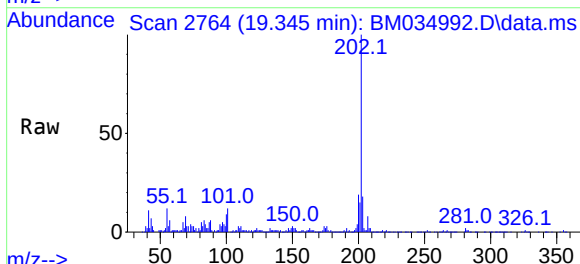
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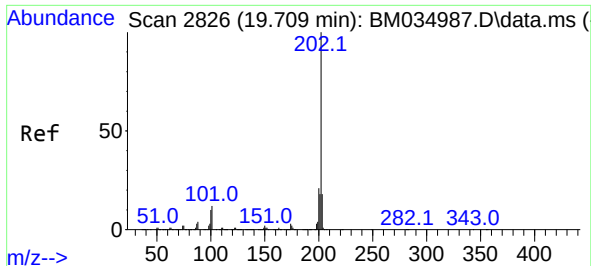
Reviewed By :Jagrut Upadhyay 05/12/2022
Supervised By :Yogesh Patel 05/17/2022



#80
Fluoranthene
Concen: 2.084 ng/ul
RT: 19.345 min Scan# 2764
Delta R.T. -0.006 min
Lab File: BM034992.D
Acq: 11 May 2022 19:20

Tgt Ion:202 Resp: 115978
Ion Ratio Lower Upper
202 100
101 11.7 7.4 11.2#
100 9.3 5.8 8.6#





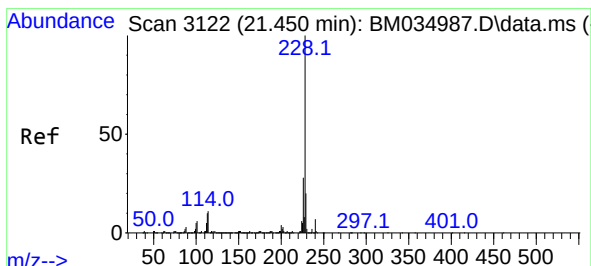
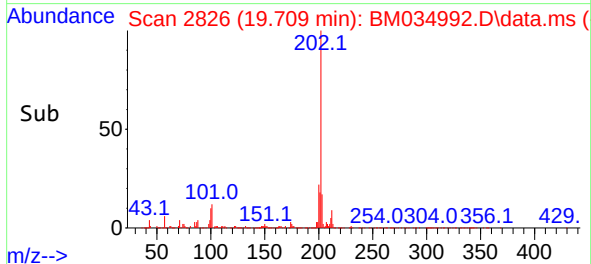
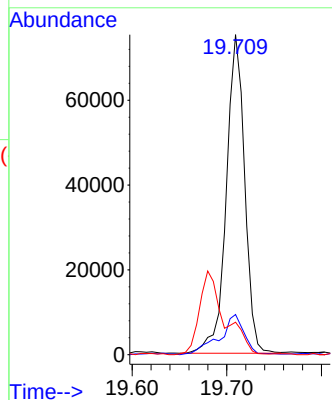
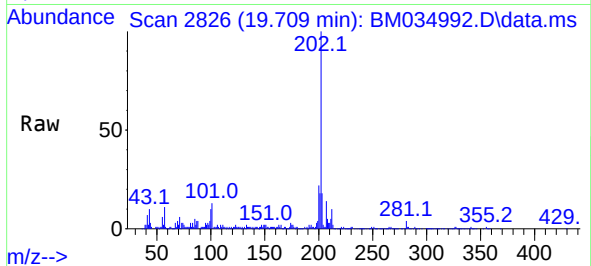
#82
Pyrene
Concen: 1.789 ng/ul
RT: 19.709 min Scan# 2826
Delta R.T. -0.000 min
Lab File: BM034992.D
Acq: 11 May 2022 19:20

Instrument :
BNA_M
ClientSampleId :
EW496

Tgt Ion:202 Resp: 10165
Ion Ratio Lower Upper
202 100
101 12.6 9.4 14.0
100 10.2 7.8 11.6

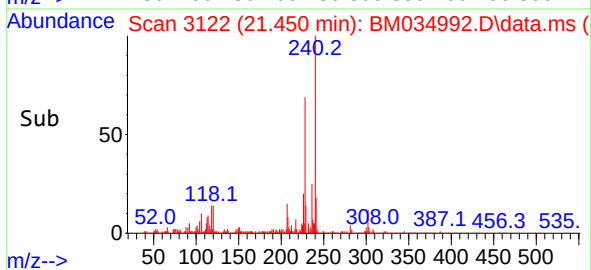
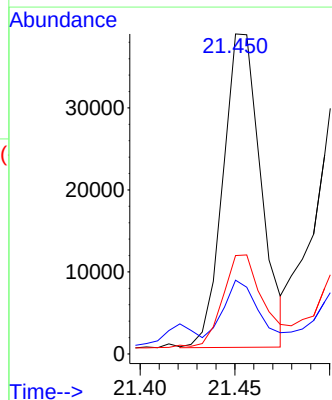
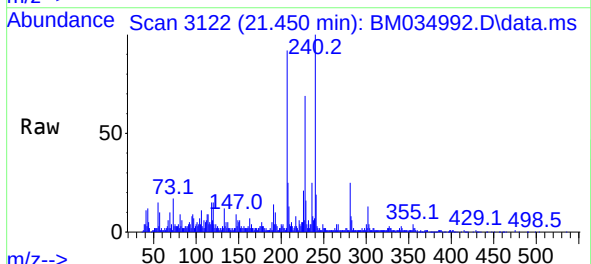
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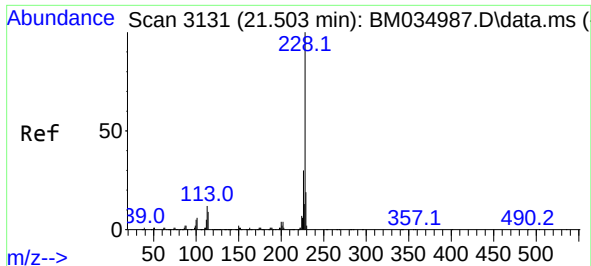
Reviewed By :Jagrut Upadhyay 05/12/2022
Supervised By :Yogesh Patel 05/17/2022



#85
Benzo(a)anthracene
Concen: 1.104 ng/ul
RT: 21.450 min Scan# 3122
Delta R.T. -0.006 min
Lab File: BM034992.D
Acq: 11 May 2022 19:20

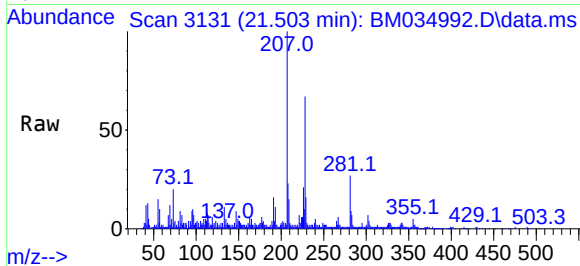
Tgt Ion:228 Resp: 53174
Ion Ratio Lower Upper
228 100
229 23.0 15.4 23.0#
226 30.7 21.7 32.5





#87
Chrysene
Concen: 1.127 ng/ul m
RT: 21.503 min Scan# 3131
Delta R.T. -0.006 min
Lab File: BM034992.D
Acq: 11 May 2022 19:20

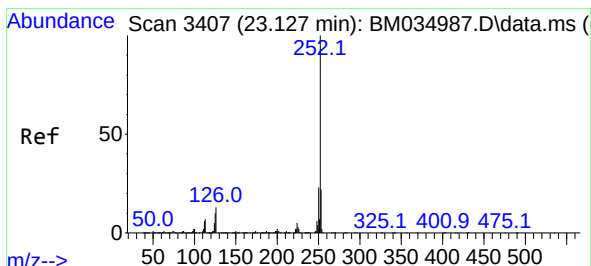
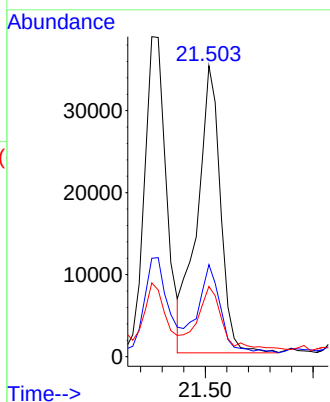
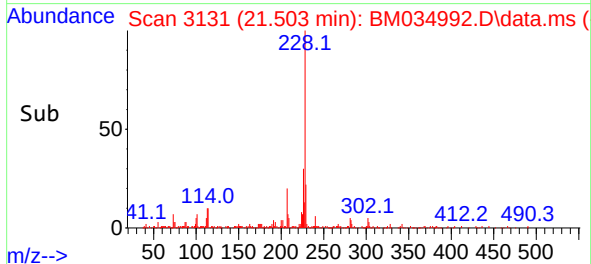
Instrument :
BNA_M
ClientSampleId :
EW496



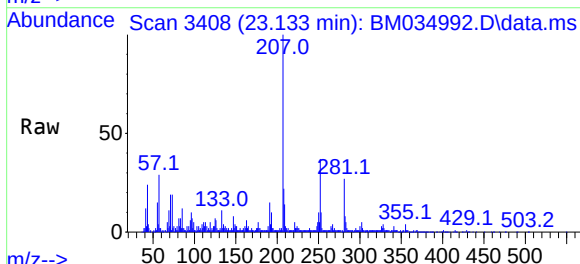
Tgt Ion:228 Resp: 5286
Ion Ratio Lower Upper
228 100
226 31.6 23.7 35.5
229 24.1 15.7 23.5

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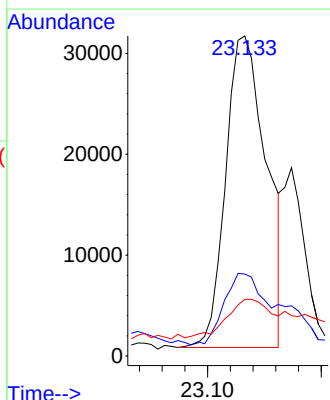
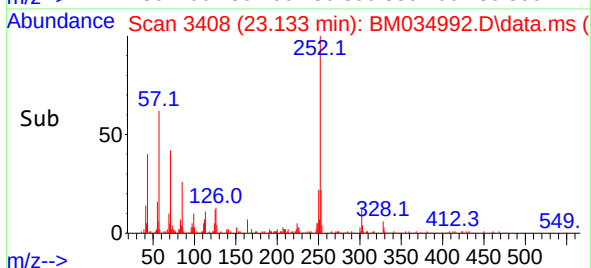
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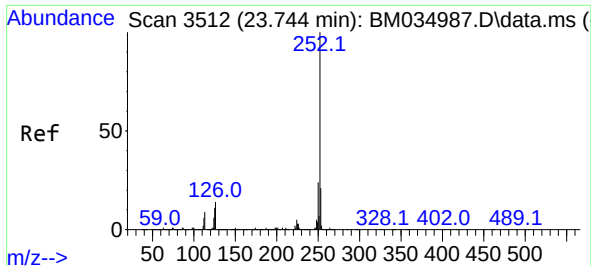


#90
Benzo(b)fluoranthene
Concen: 1.388 ng/ul
RT: 23.133 min Scan# 3408
Delta R.T. -0.000 min
Lab File: BM034992.D
Acq: 11 May 2022 19:20



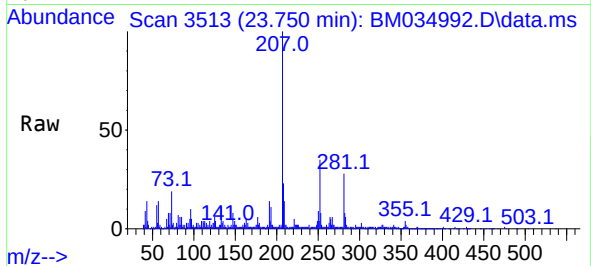
Tgt Ion:252 Resp: 76872
Ion Ratio Lower Upper
252 100
253 25.6 17.4 26.0
125 17.6 7.6 11.4





#93
Benzo(a)pyrene
Concen: 1.009 ng/ul
RT: 23.750 min Scan# 3513
Delta R.T. -0.000 min
Lab File: BM034992.D
Acq: 11 May 2022 19:20

Instrument :
BNA_M
ClientSampleId :
EW496



Tgt Ion:252 Resp: 5323
Ion Ratio Lower Upper
252 100
253 22.8 16.6 25.0
125 17.6 6.2 9.2

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