

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101424\
 Data File : BM048071.D
 Acq On : 15 Oct 2024 21:44
 Operator : RC/JU
 Sample : P4239-01
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4F08

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 10/16/2024
 Supervised By :mohammad ahmed 10/17/2024

Quant Time: Oct 15 23:17:29 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM092724.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Oct 10 05:10:14 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.781	152	234680	20.000	ng/u1	0.00
20) Naphthalene-d8	10.569	136	967996	20.000	ng/u1	-0.01
38) Acenaphthene-d10	14.415	164	610571	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.156	188	1220765	20.000	ng/u1	0.00
79) Chrysene-d12	21.386	240	1188097	20.000	ng/u1	0.00
88) Perylene-d12	24.380	264	1355585	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.240	96	12437	1.713	ng/uL	0.00
4) Pyridine-d5	0.000	84	0d	0.000	ng/u1	
7) Phenol-d5	6.957	99	193700	8.729	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.110	67	121344	7.706	ng/u1	0.00
11) 2-Chlorophenol-d4	7.316	132	173011	10.716	ng/u1	0.00
15) 4-Methylphenol-d8	8.492	113	135965	8.241	ng/u1	0.00
21) Nitrobenzene-d5	8.933	128	79276	10.286	ng/u1	0.00
24) 2-Nitrophenol-d4	9.657	143	86685	11.737	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.198	165	147085	9.969	ng/u1	0.00
31) 4-Chloroaniline-d4	10.710	131	169103m	7.414	ng/u1	0.00
46) Dimethylphthalate-d6	13.827	166	465484	10.515	ng/u1	0.00
49) Acenaphthylene-d8	14.110	160	537425	10.240	ng/u1	0.00
54) 4-Nitrophenol-d4	14.639	143	49354m	5.600	ng/u1	0.02
60) Fluorene-d10	15.410	176	417481	10.888	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.533	200	45449	6.362	ng/u1	0.00
73) Anthracene-d10	17.256	188	624502	10.404	ng/u1	0.00
81) Pyrene-d10	19.545	212	709346	10.520	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.174	264	569461	8.097	ng/u1	0.00
Target Compounds					Qvalue	
72) Phenanthrene	17.198	178	167011	2.333	ng/u1	99
80) Fluoranthene	19.215	202	286755	3.611	ng/u1	98
82) Pyrene	19.574	202	218690	2.474	ng/u1	97
85) Benzo(a)anthracene	21.368	228	131501	1.581	ng/u1	96
86) Bis(2-ethylhexyl)phtha...	21.286	149	50676	1.080	ng/u1#	99
87) Chrysene	21.427	228	136546	1.684	ng/u1	97
90) Benzo(b)fluoranthene	23.433	252	160917	1.903	ng/u1#	95

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

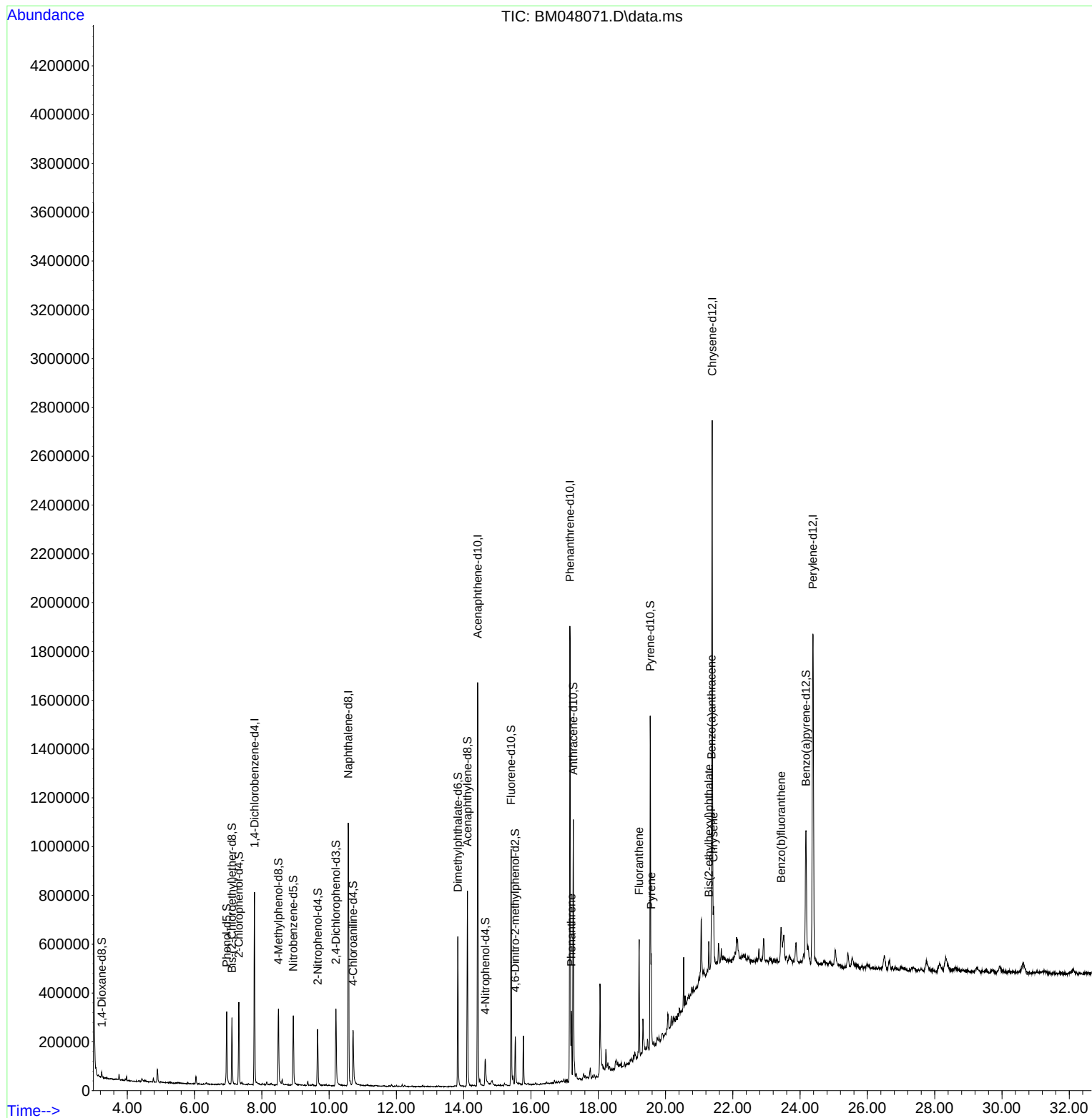
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101424\
Data File : BM048071.D
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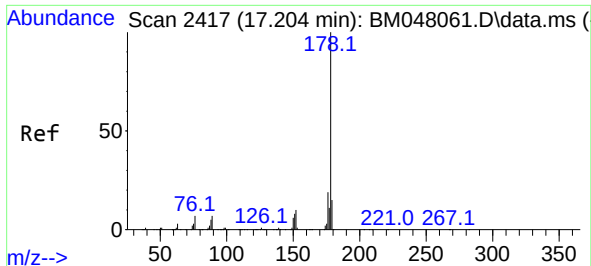
Instrument :
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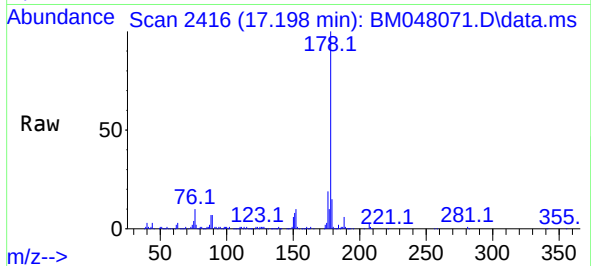
Quant Time: Oct 15 23:17:29 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM092724.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Oct 10 05:10:14 2024
Response via : Initial Calibration





#72
Phenanthrene
Concen: 2.333 ng/u1
RT: 17.198 min Scan# 2417
Delta R.T. -0.006 min
Lab File: BM048071.D
Acq: 15 Oct 2024 21:44

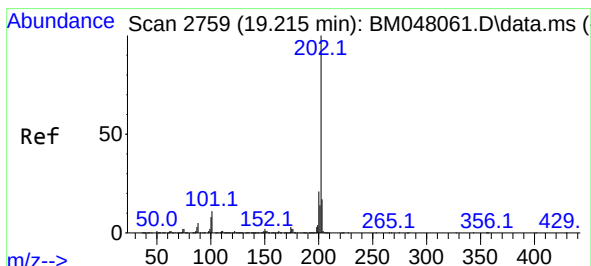
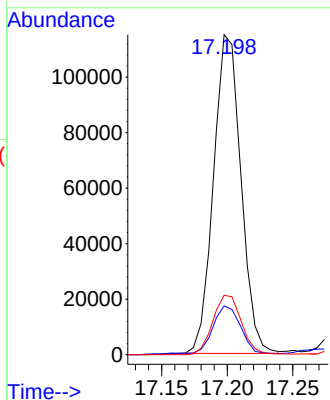
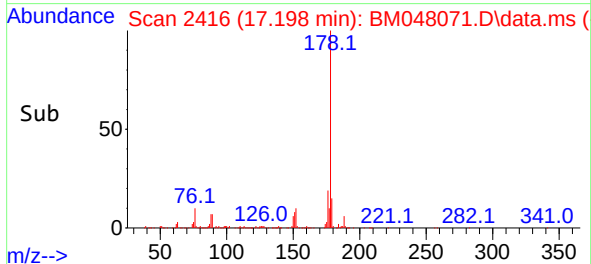
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Tgt Ion:178 Resp: 167011
Ion Ratio Lower Upper
178 100
179 15.2 12.0 18.0
176 18.6 15.4 23.0

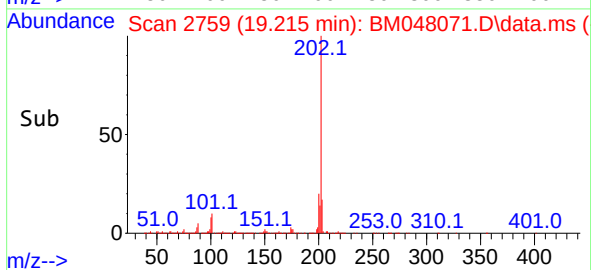
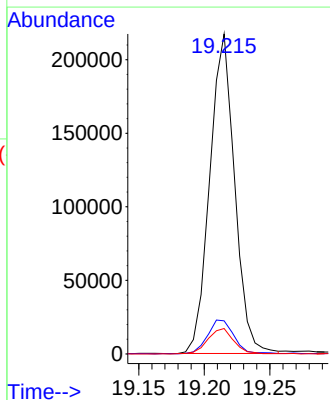
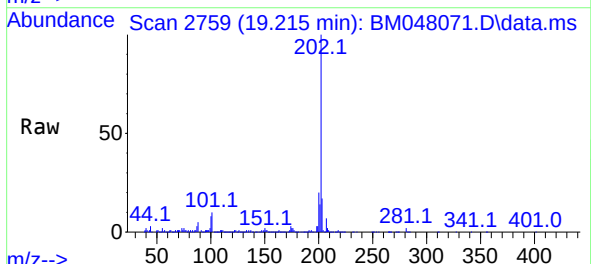
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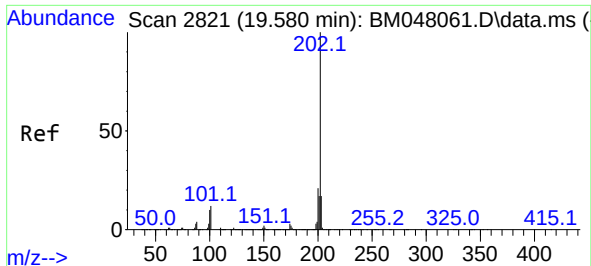
Reviewed By :Yogesh Patel 10/16/2024
Supervised By :mohammad ahmed 10/17/2024



#80
Fluoranthene
Concen: 3.611 ng/u1
RT: 19.215 min Scan# 2759
Delta R.T. 0.000 min
Lab File: BM048071.D
Acq: 15 Oct 2024 21:44

Tgt Ion:202 Resp: 286755
Ion Ratio Lower Upper
202 100
101 10.4 9.0 13.4
100 7.9 6.8 10.2





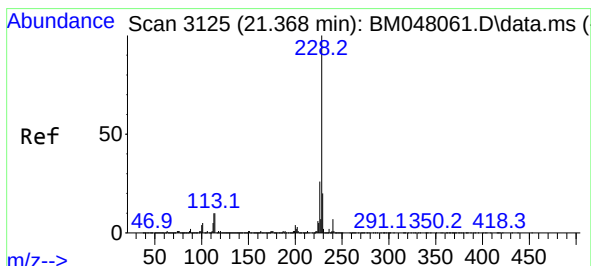
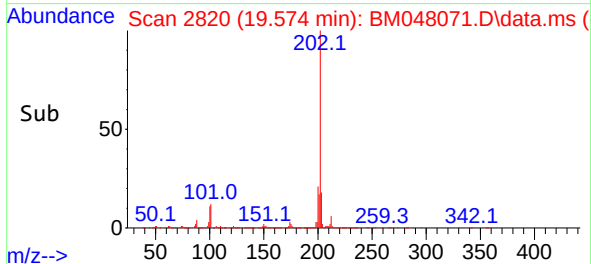
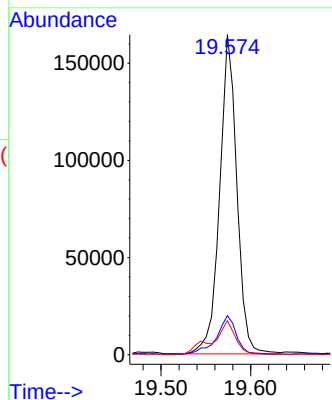
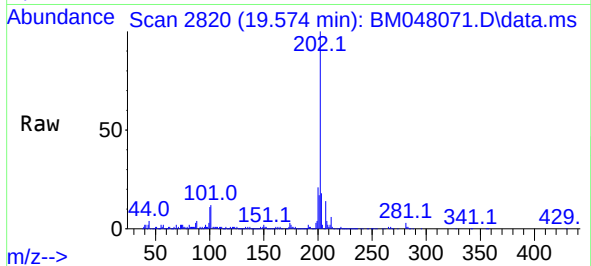
#82
Pyrene
Concen: 2.474 ng/ul
RT: 19.574 min Scan# 218690
Delta R.T. 0.000 min
Lab File: BM048071.D
Acq: 15 Oct 2024 21:44

Instrument :
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ClientSampleId :
A4F08

Tgt Ion:202 Resp: 218690
Ion Ratio Lower Upper
202 100
101 12.2 10.9 16.3
100 10.6 9.4 14.2

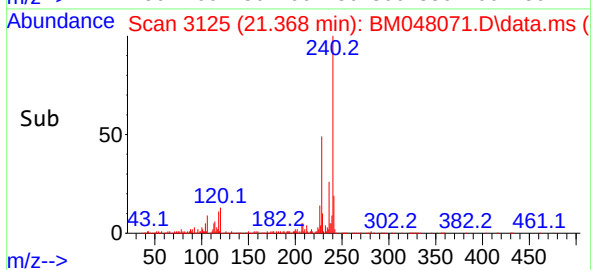
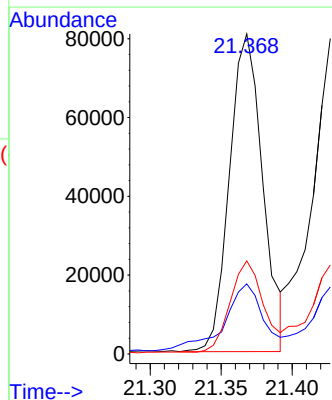
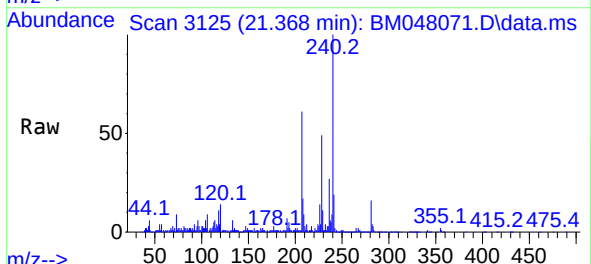
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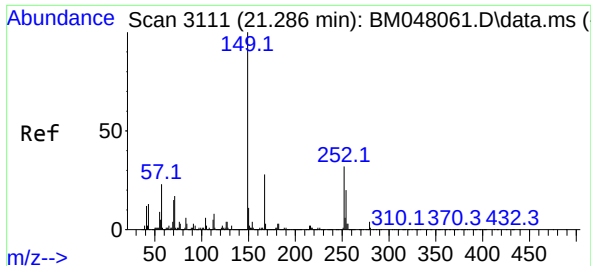
Reviewed By :Yogesh Patel 10/16/2024
Supervised By :mohammad ahmed 10/17/2024



#85
Benzo(a)anthracene
Concen: 1.581 ng/ul
RT: 21.368 min Scan# 3125
Delta R.T. 0.000 min
Lab File: BM048071.D
Acq: 15 Oct 2024 21:44

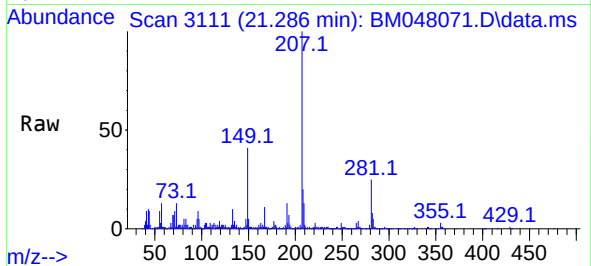
Tgt Ion:228 Resp: 131501
Ion Ratio Lower Upper
228 100
229 21.9 15.6 23.4
226 29.1 21.9 32.9





#86
Bis(2-ethylhexyl)phthalate
Concen: 1.080 ng/ul
RT: 21.286 min Scan# 3111
Delta R.T. 0.000 min
Lab File: BM048071.D
Acq: 15 Oct 2024 21:44

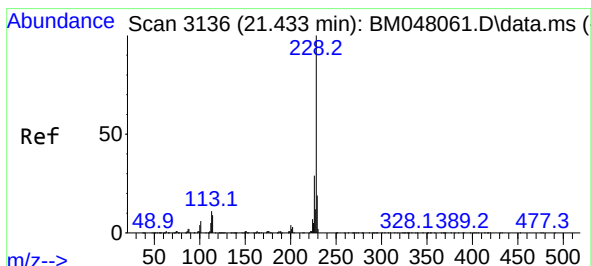
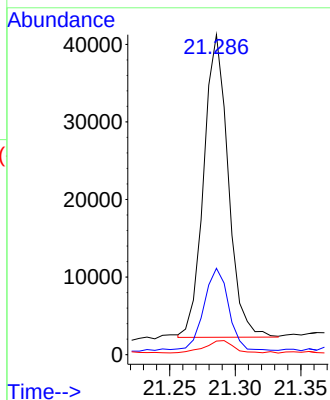
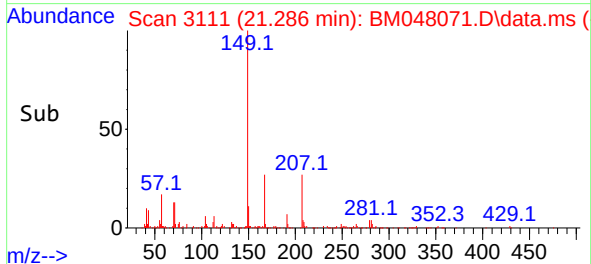
Instrument :
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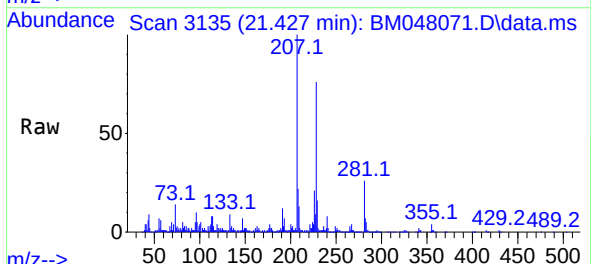
Tgt Ion:149 Resp: 50670
Ion Ratio Lower Upper
149 100
167 27.0 21.3 31.9
279 4.3 2.7 4.1

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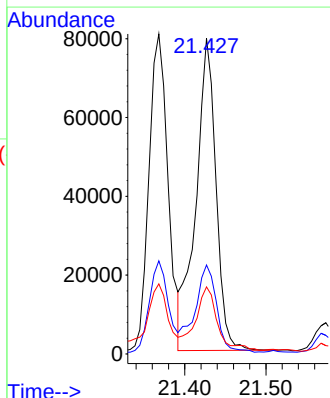
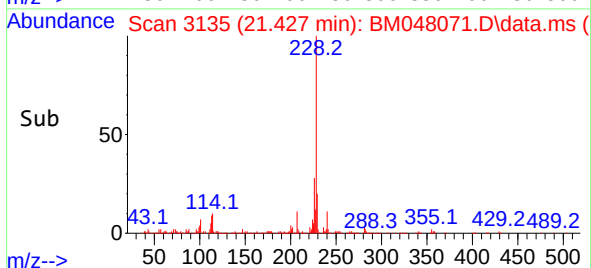
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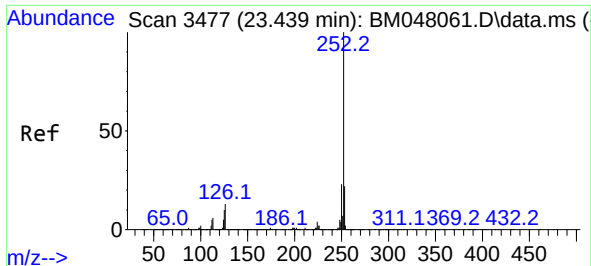


#87
Chrysene
Concen: 1.684 ng/ul
RT: 21.427 min Scan# 3135
Delta R.T. 0.000 min
Lab File: BM048071.D
Acq: 15 Oct 2024 21:44



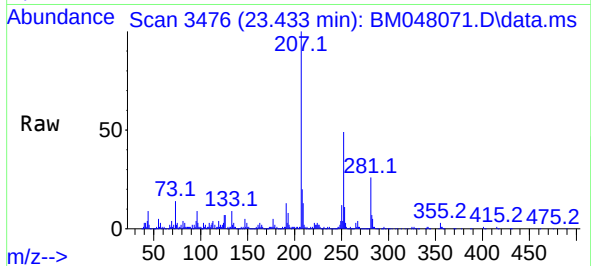
Tgt Ion:228 Resp: 136546
Ion Ratio Lower Upper
228 100
226 28.2 23.6 35.4
229 21.2 15.3 22.9





#90
Benzo(b)fluoranthene
Concen: 1.903 ng/ul
RT: 23.433 min Scan# 3476
Delta R.T. 0.006 min
Lab File: BM048071.D
Acq: 15 Oct 2024 21:44

Instrument :
BNA_M
ClientSampleId :
A4F08



Tgt Ion:252 Resp: 16091
Ion Ratio Lower Upper
252 100
253 23.2 17.4 26.2
125 14.1 9.0 13.4

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