

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM100724\
 Data File : BM047889.D
 Acq On : 07 Oct 2024 18:25
 Operator : RC/JU
 Sample : P4083-07
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4EK2

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 10/08/2024
 Supervised By :mohammad ahmed 10/11/2024

Quant Time: Oct 07 19:05:21 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM092724.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Oct 04 08:32:31 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.798	152	170217	20.000	ng/u1	0.00
20) Naphthalene-d8	10.586	136	683644	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.433	164	420135	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.168	188	867282	20.000	ng/u1	0.00
79) Chrysene-d12	21.398	240	831462	20.000	ng/u1	0.00
88) Perylene-d12	24.397	264	934504	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.252	96	3814	0.724	ng/uL	0.00
4) Pyridine-d5	3.681	84	14165m	0.918	ng/u1	0.02
7) Phenol-d5	6.963	99	144148	8.956	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.128	67	114465	10.022	ng/u1	0.00
11) 2-Chlorophenol-d4	7.328	132	138478	11.825	ng/u1	0.00
15) 4-Methylphenol-d8	8.504	113	95652	7.993	ng/u1	0.00
21) Nitrobenzene-d5	8.951	128	71292	13.097	ng/u1	0.00
24) 2-Nitrophenol-d4	9.675	143	73987	14.184	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.210	165	132256	12.692	ng/u1	0.00
31) 4-Chloroaniline-d4	10.722	131	147628	9.164	ng/u1	0.00
46) Dimethylphthalate-d6	13.839	166	440056	14.447	ng/u1	0.00
49) Acenaphthylene-d8	14.122	160	514309	14.241	ng/u1	0.00
54) 4-Nitrophenol-d4	14.633	143	34641	5.712	ng/u1	0.00
60) Fluorene-d10	15.421	176	399281	15.134	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.539	200	35620	7.018	ng/u1	0.00
73) Anthracene-d10	17.268	188	586199	13.746	ng/u1	0.00
81) Pyrene-d10	19.556	212	665338	14.099	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.191	264	572754	11.813	ng/u1	0.00
Target Compounds						
					Qvalue	
16) Acetophenone	8.616	105	47160	2.303	ng/u1	98
72) Phenanthrene	17.210	178	60851	1.196	ng/u1	99
80) Fluoranthene	19.221	202	140319	2.525	ng/u1	98
82) Pyrene	19.586	202	92866	1.501	ng/u1#	93
85) Benzo(a)anthracene	21.380	228	65167	1.119	ng/u1	95
87) Chrysene	21.439	228	76516	1.348	ng/u1	96
90) Benzo(b)fluoranthene	23.450	252	97529	1.674	ng/u1#	95

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

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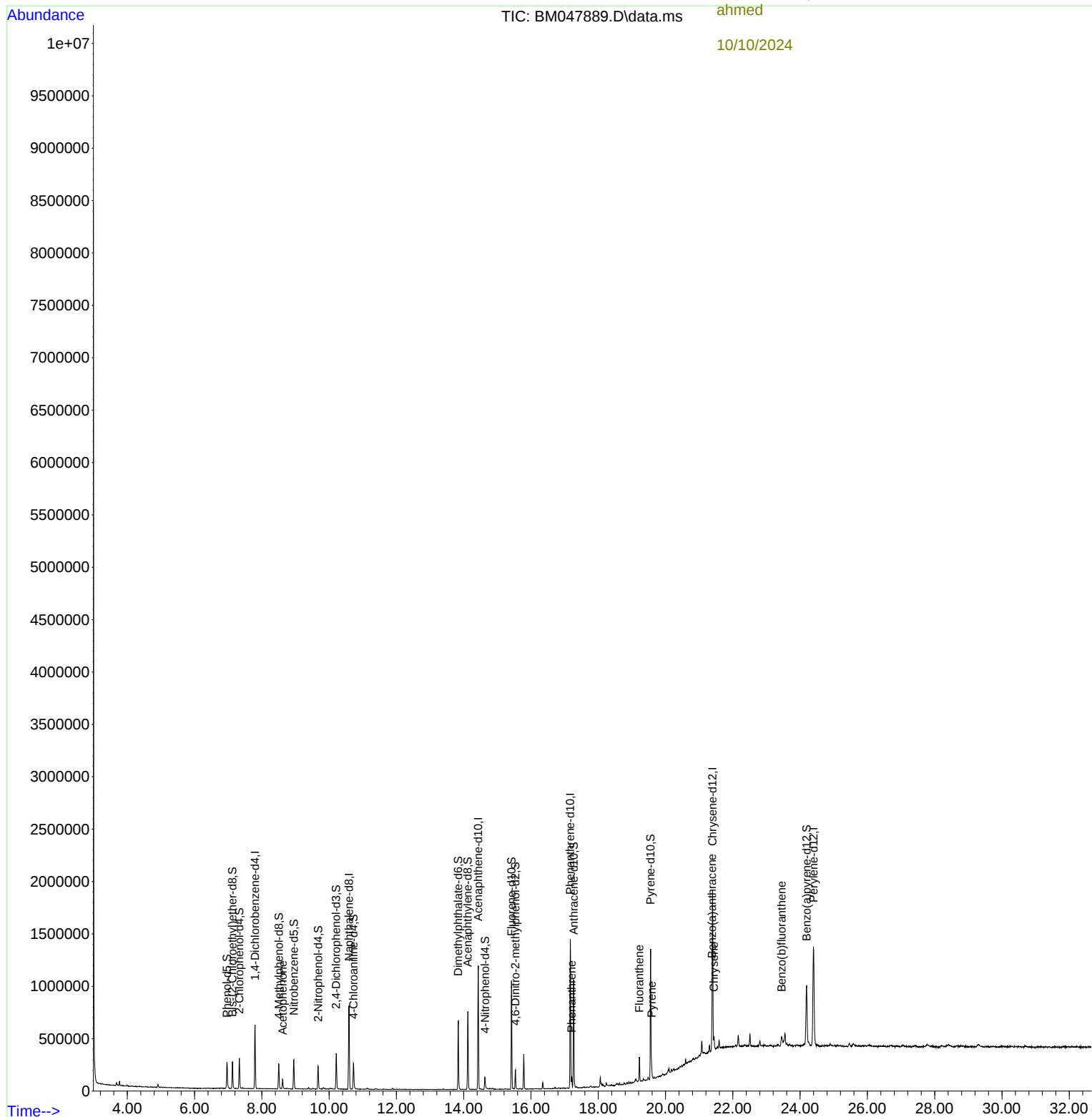
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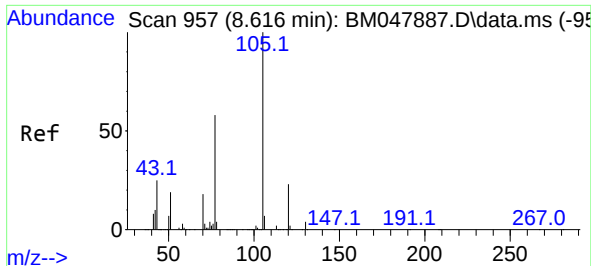
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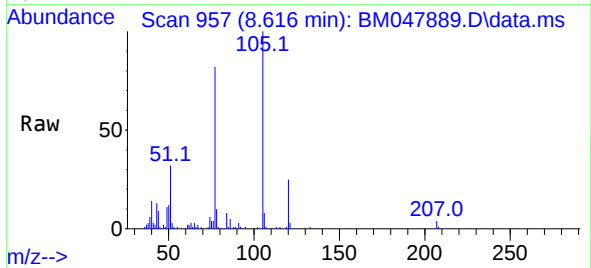
10/10/2024





#16
Acetophenone
Concen: 2.303 ng/ul
RT: 8.616 min Scan# 957
Delta R.T. -0.006 min
Lab File: BM047889.D
Acq: 07 Oct 2024 18:25

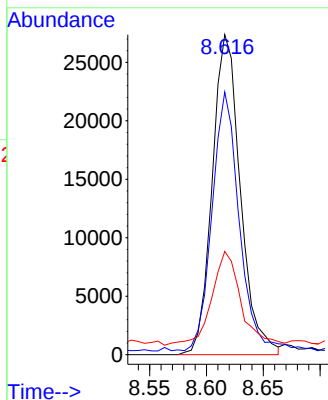
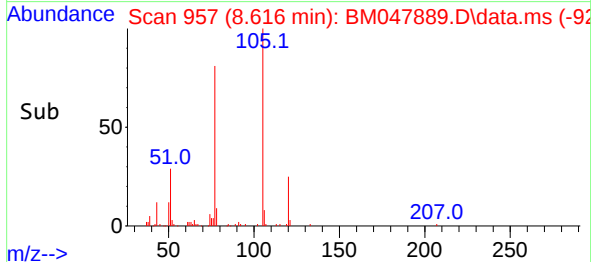
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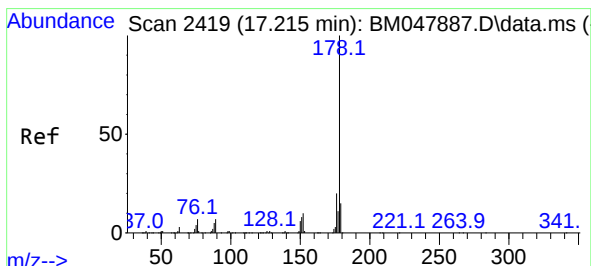
Tgt Ion:105 Resp: 47160
Ion Ratio Lower Upper
105 100
77 82.1 66.6 100.0
51 32.2 27.0 40.4

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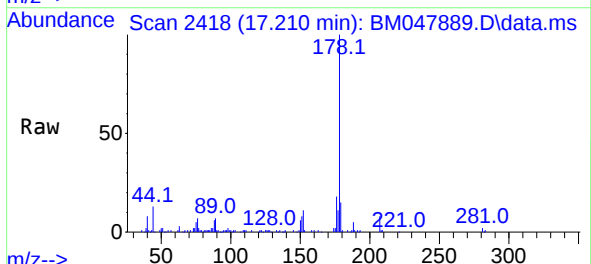
Reviewed By :Yogesh Patel 10/08/2024
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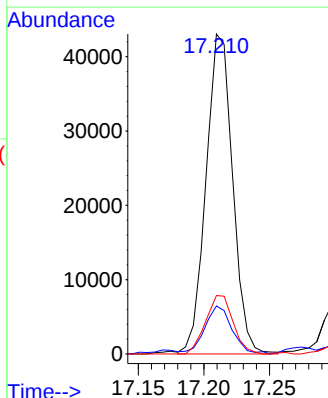
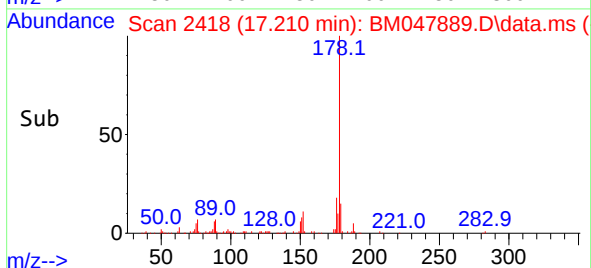
10/08/2024
Supervised By :mohammad
ahmed
10/10/2024

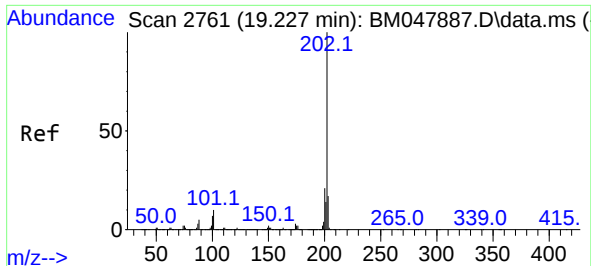


#72
Phenanthrene
Concen: 1.196 ng/ul
RT: 17.210 min Scan# 2418
Delta R.T. -0.006 min
Lab File: BM047889.D
Acq: 07 Oct 2024 18:25



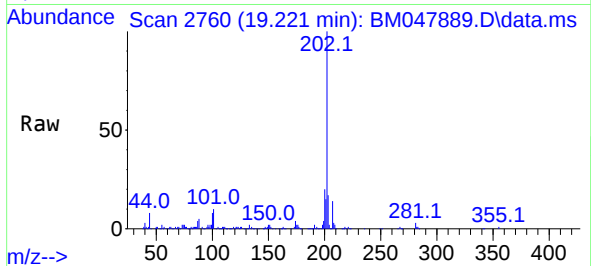
Tgt Ion:178 Resp: 60851
Ion Ratio Lower Upper
178 100
179 15.0 12.0 18.0
176 18.2 15.4 23.0





#80
Fluoranthene
Concen: 2.525 ng/u1
RT: 19.221 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM047889.D
Acq: 07 Oct 2024 18:25

Instrument :
BNA_M
ClientSampleId :
A4EK2



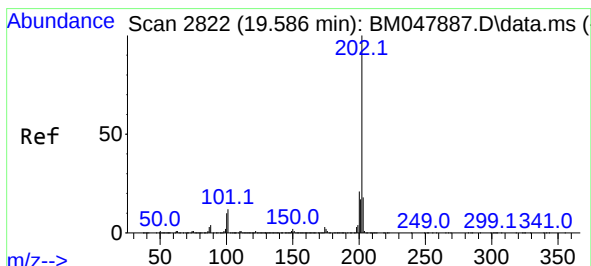
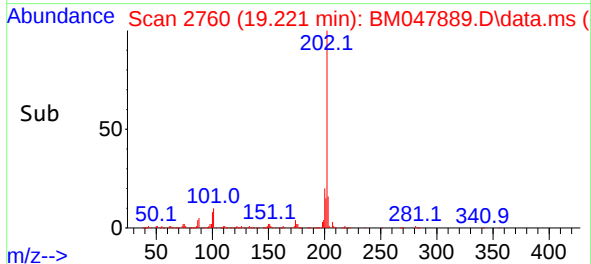
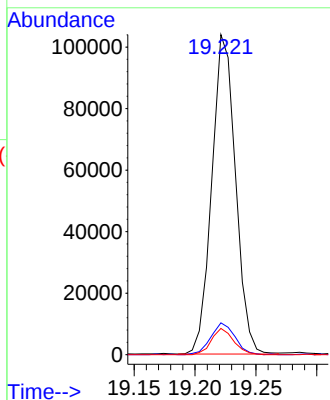
Tgt Ion:202 Resp: 140319
Ion Ratio Lower Upper
202 100
101 10.0 9.0 13.4
100 8.2 6.8 10.2

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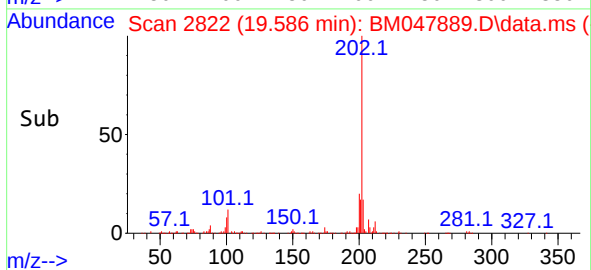
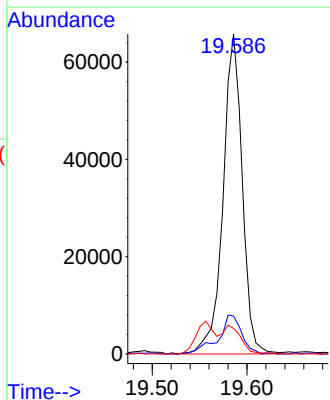
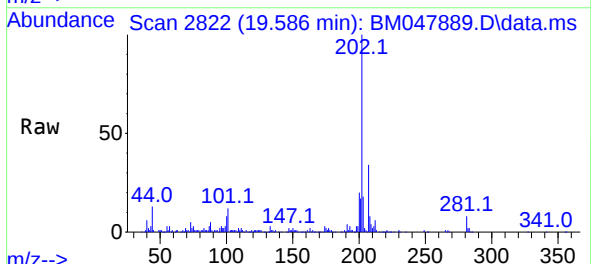
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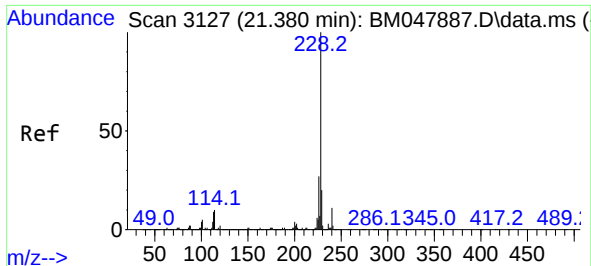
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#82
Pyrene
Concen: 1.501 ng/u1
RT: 19.586 min Scan# 2822
Delta R.T. 0.000 min
Lab File: BM047889.D
Acq: 07 Oct 2024 18:25

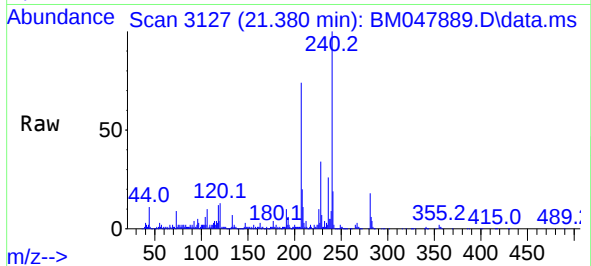
Tgt Ion:202 Resp: 92866
Ion Ratio Lower Upper
202 100
101 11.9 10.9 16.3
100 8.0 9.4 14.2#





#85
Benzo(a)anthracene
Concen: 1.119 ng/u1
RT: 21.380 min Scan# 3127
Delta R.T. 0.000 min
Lab File: BM047889.D
Acq: 07 Oct 2024 18:25

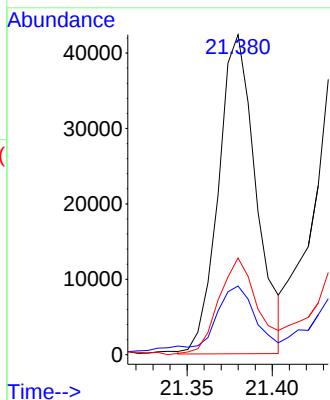
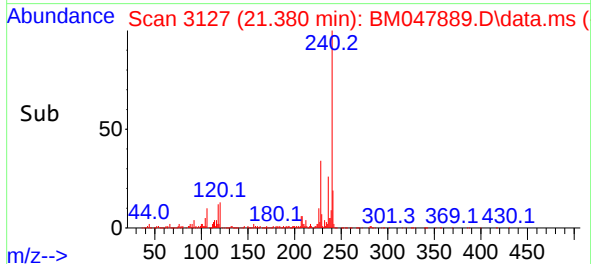
Instrument :
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ClientSampleId :
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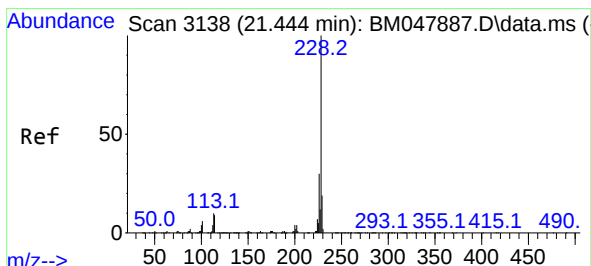
Tgt Ion:228 Resp: 6516
Ion Ratio Lower Upper
228 100
229 21.5 15.6 23.4
226 30.2 21.9 32.9

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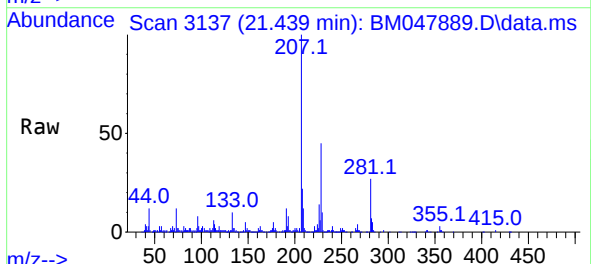
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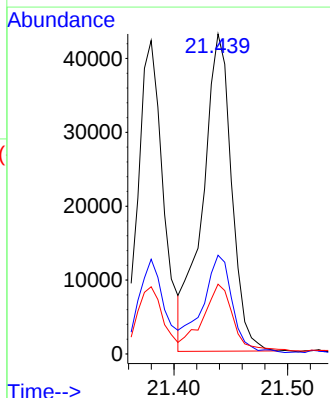
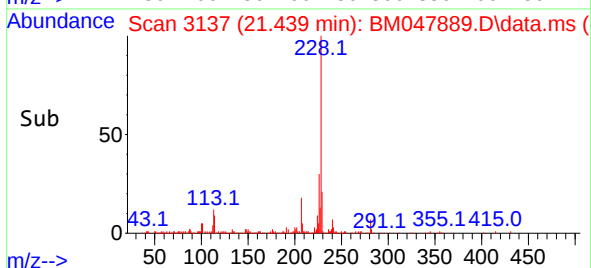
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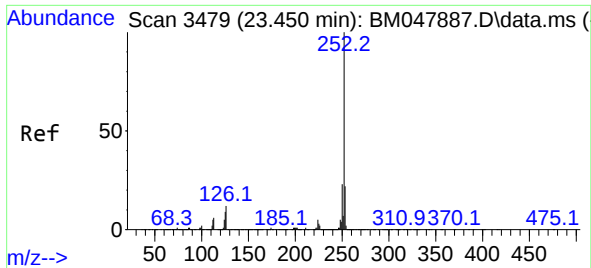


#87
Chrysene
Concen: 1.348 ng/u1
RT: 21.439 min Scan# 3137
Delta R.T. 0.000 min
Lab File: BM047889.D
Acq: 07 Oct 2024 18:25



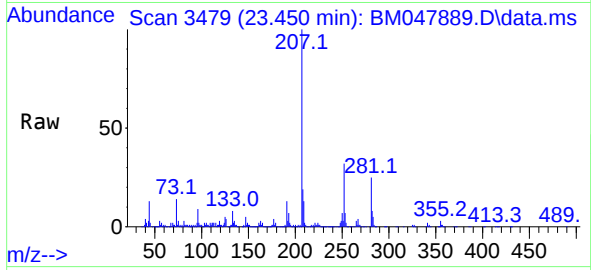
Tgt Ion:228 Resp: 76516
Ion Ratio Lower Upper
228 100
226 30.9 23.6 35.4
229 21.8 15.3 22.9





#90
Benzo(b)fluoranthene
Concen: 1.674 ng/ul
RT: 23.450 min Scan# 3479
Delta R.T. 0.000 min
Lab File: BM047889.D
Acq: 07 Oct 2024 18:25

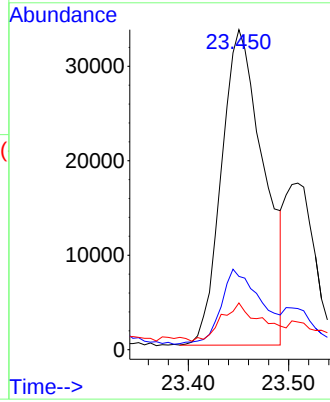
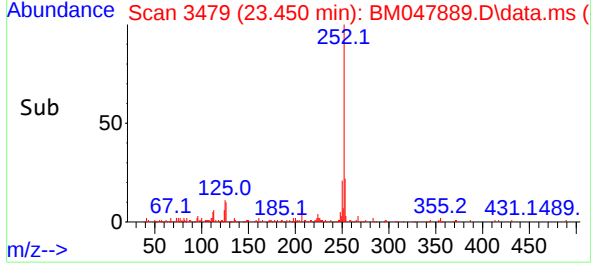
Instrument :
BNA_M
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Tgt Ion:252 Resp: 97529
Ion Ratio Lower Upper
252 100
253 22.9 17.4 26.2
125 14.6 9.0 13.4

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