

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM100724\
 Data File : BM047900.D
 Acq On : 08 Oct 2024 01:40
 Operator : RC/JU
 Sample : P4109-19
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4EW1

Manual Integrations
 APPROVED

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

Quant Time: Oct 08 02:28:29 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	306733	20.000	ng/u1	0.00
20) Naphthalene-d8	10.586	136	1238520	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.433	164	752565	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.168	188	1524865	20.000	ng/u1	0.00
79) Chrysene-d12	21.391	240	1415914	20.000	ng/u1	0.00
88) Perylene-d12	24.391	264	1606799	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.251	96	9964	1.050	ng/uL	0.00
4) Pyridine-d5	3.681	84	16253m	0.585	ng/u1	0.02
7) Phenol-d5	6.963	99	164657	5.677	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.128	67	104864	5.095	ng/u1	0.00
11) 2-Chlorophenol-d4	7.328	132	142330	6.745	ng/u1	0.00
15) 4-Methylphenol-d8	8.504	113	109996	5.101	ng/u1	0.00
21) Nitrobenzene-d5	8.951	128	62871	6.376	ng/u1	0.00
24) 2-Nitrophenol-d4	9.675	143	64918	6.870	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.210	165	131414	6.961	ng/u1	0.00
31) 4-Chloroaniline-d4	10.727	131	64097	2.196	ng/u1	0.00
46) Dimethylphthalate-d6	13.839	166	380093	6.966	ng/u1	0.00
49) Acenaphthylene-d8	14.121	160	443047	6.849	ng/u1	0.00
54) 4-Nitrophenol-d4	14.633	143	40108	3.692	ng/u1	0.00
60) Fluorene-d10	15.421	176	348072	7.365	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.539	200	23830	2.671	ng/u1	0.00
73) Anthracene-d10	17.268	188	509542	6.796	ng/u1	0.00
81) Pyrene-d10	19.556	212	507231	6.312	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.180	264	339508	4.072	ng/u1	-0.01
Target Compounds					Qvalue	
16) Acetophenone	8.616	105	39009	1.057	ng/u1	92
72) Phenanthrene	17.209	178	195732	2.189	ng/u1	98
80) Fluoranthene	19.221	202	457636	4.835	ng/u1	97
82) Pyrene	19.586	202	294734	2.798	ng/u1#	93
85) Benzo(a)anthracene	21.374	228	213693	2.156	ng/u1	98
86) Bis(2-ethylhexyl)phtha...	21.297	149	68423	1.224	ng/u1#	97
87) Chrysene	21.433	228	248695	2.573	ng/u1	97
90) Benzo(b)fluoranthene	23.444	252	323174	3.225	ng/u1	97
91) Benzo(k)fluoranthene	23.497	252	111247m	1.086	ng/u1	

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

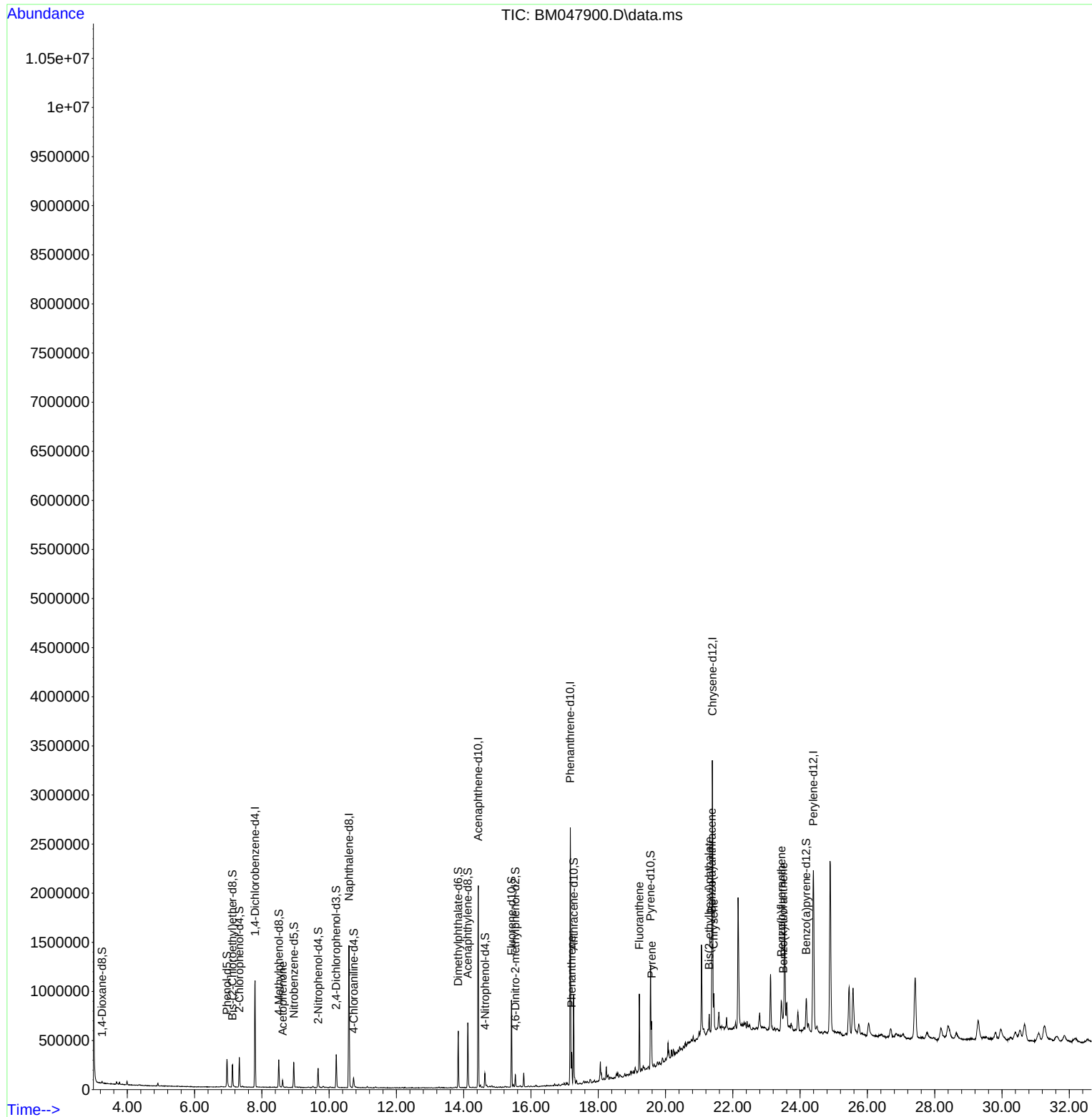
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM100724\
Data File : BM047900.D
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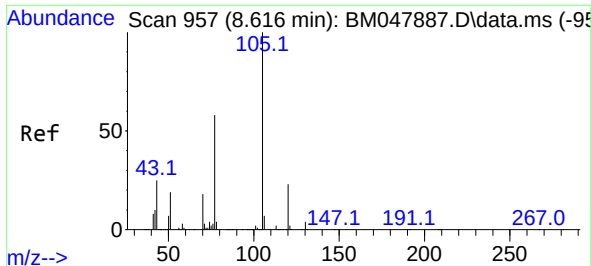
Instrument :
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ClientSampleId :
A4EW1

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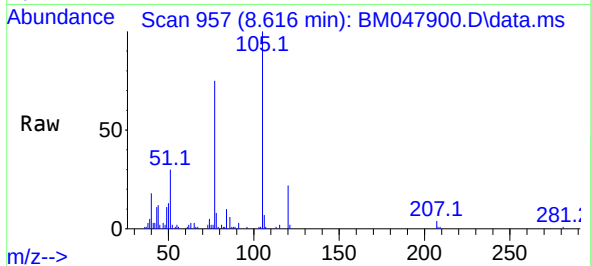
Quant Time: Oct 08 02:28:29 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM092724.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Oct 04 08:32:31 2024
Response via : Initial Calibration





#16
Acetophenone
Concen: 1.057 ng/u1
RT: 8.616 min Scan# 91
Delta R.T. -0.006 min
Lab File: BM047900.D
Acq: 08 Oct 2024 01:40

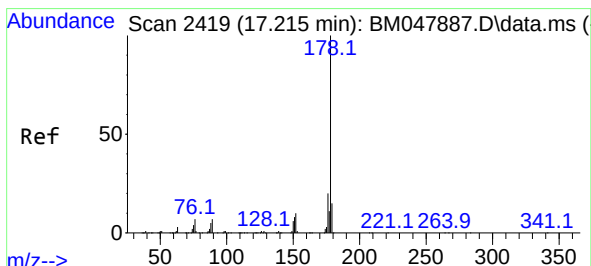
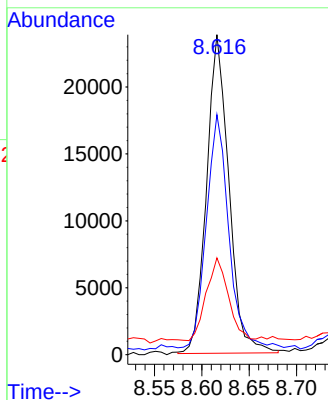
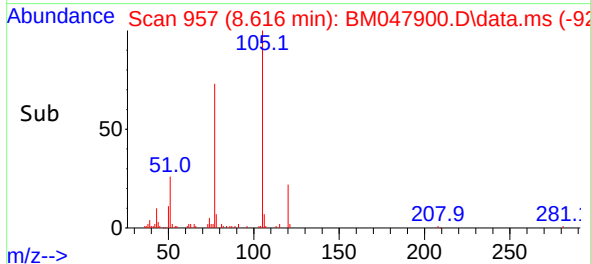
Instrument :
BNA_M
ClientSampleId :
A4EW1



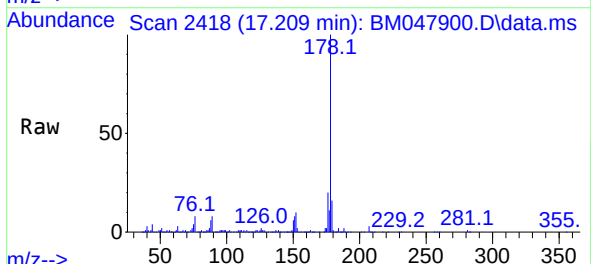
Tgt Ion:105 Resp: 39009
Ion Ratio Lower Upper
105 100
77 75.0 66.6 100.0
51 30.2 27.0 40.4

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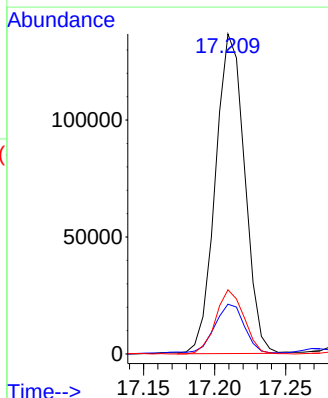
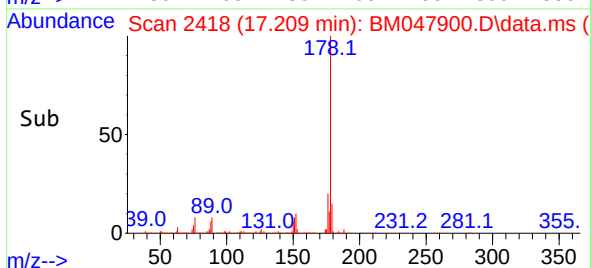
Reviewed By :Yogesh Patel 10/08/2024
Supervised By :mohammad ahmed 10/11/2024

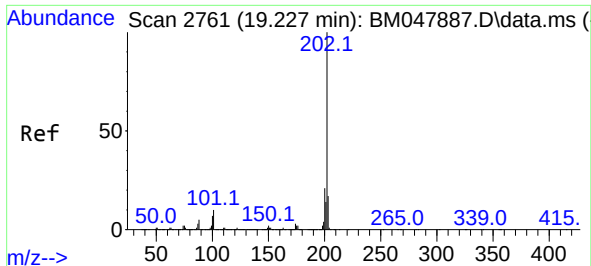


#72
Phenanthrene
Concen: 2.189 ng/u1
RT: 17.209 min Scan# 2418
Delta R.T. -0.006 min
Lab File: BM047900.D
Acq: 08 Oct 2024 01:40



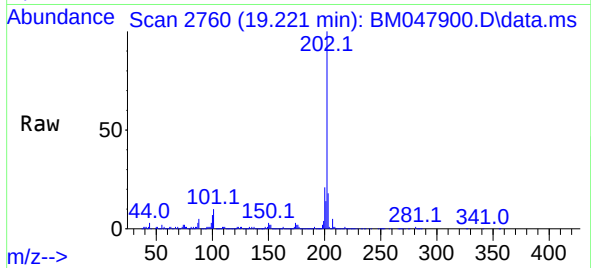
Tgt Ion:178 Resp: 195732
Ion Ratio Lower Upper
178 100
179 15.5 12.0 18.0
176 20.0 15.4 23.0





#80
Fluoranthene
Concen: 4.835 ng/u1
RT: 19.221 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM047900.D
Acq: 08 Oct 2024 01:40

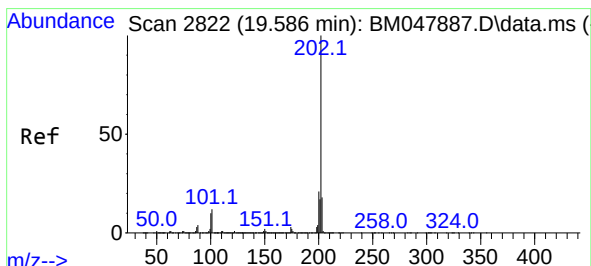
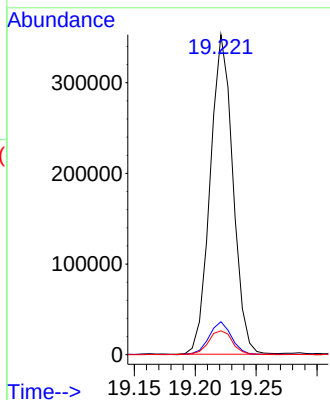
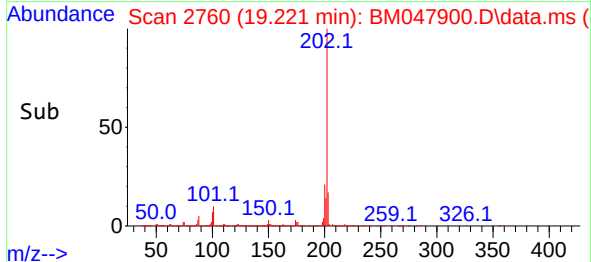
Instrument :
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ClientSampleId :
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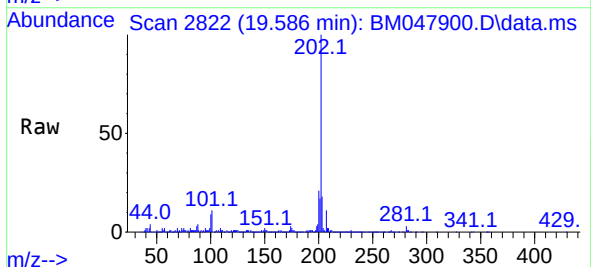
Tgt Ion:202 Resp: 457630
Ion Ratio Lower Upper
202 100
101 10.3 9.0 13.4
100 7.5 6.8 10.2

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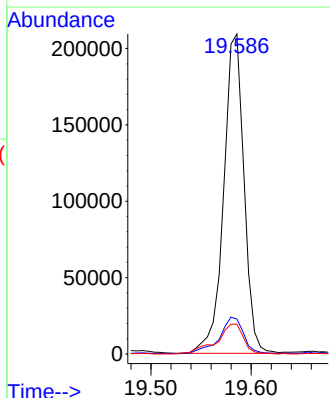
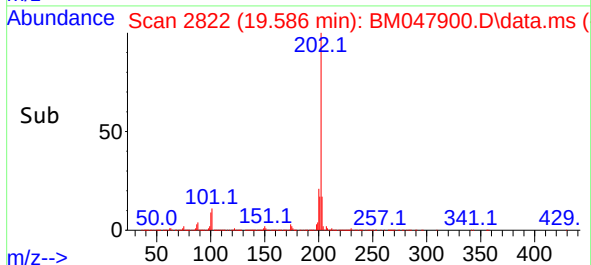
Reviewed By :Yogesh Patel 10/08/2024
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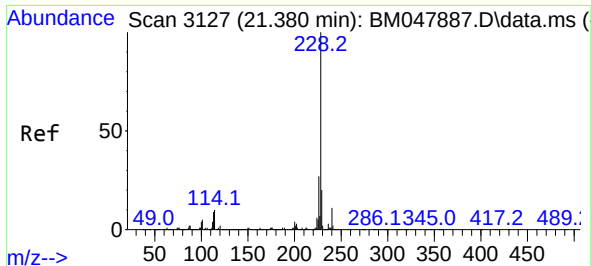


#82
Pyrene
Concen: 2.798 ng/u1
RT: 19.586 min Scan# 2822
Delta R.T. 0.000 min
Lab File: BM047900.D
Acq: 08 Oct 2024 01:40



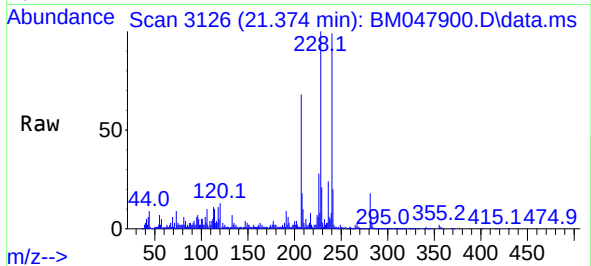
Tgt Ion:202 Resp: 294734
Ion Ratio Lower Upper
202 100
101 10.9 10.9 16.3
100 9.3 9.4 14.2#





#85
Benzo(a)anthracene
Concen: 2.156 ng/ul
RT: 21.374 min Scan# 3127
Delta R.T. -0.006 min
Lab File: BM047900.D
Acq: 08 Oct 2024 01:40

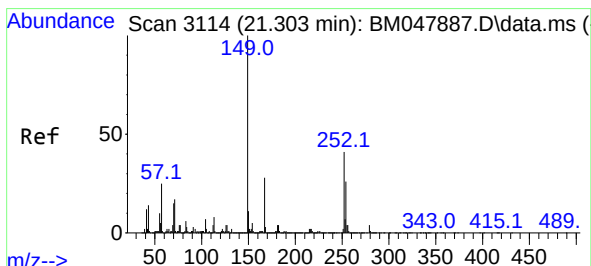
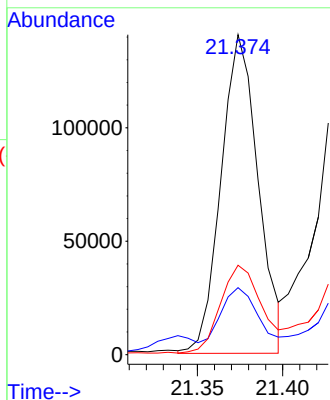
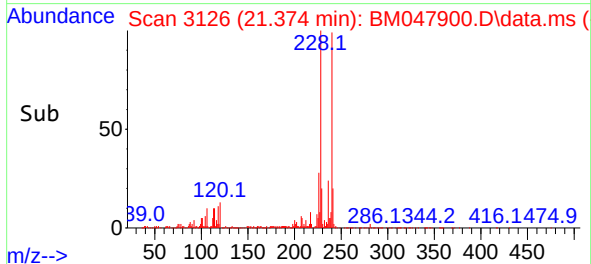
Instrument :
BNA_M
ClientSampleId :
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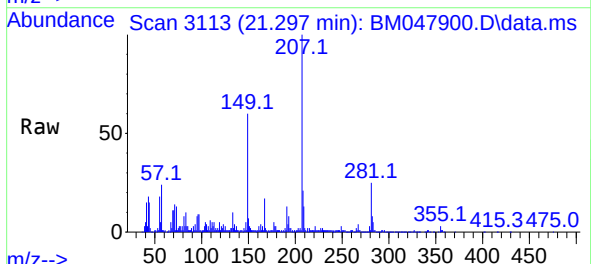
Tgt Ion:228 Resp: 21369
Ion Ratio Lower Upper
228 100
229 20.9 15.6 23.4
226 27.9 21.9 32.9

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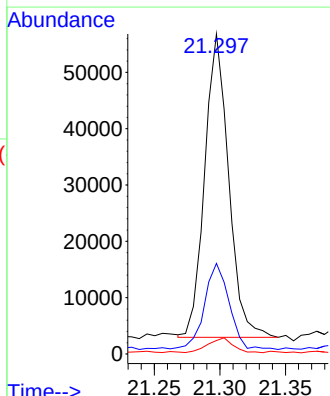
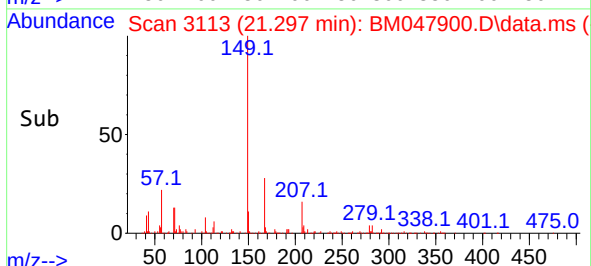
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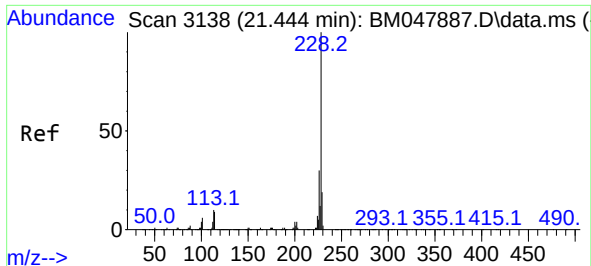


#86
Bis(2-ethylhexyl)phthalate
Concen: 1.224 ng/ul
RT: 21.297 min Scan# 3113
Delta R.T. -0.006 min
Lab File: BM047900.D
Acq: 08 Oct 2024 01:40



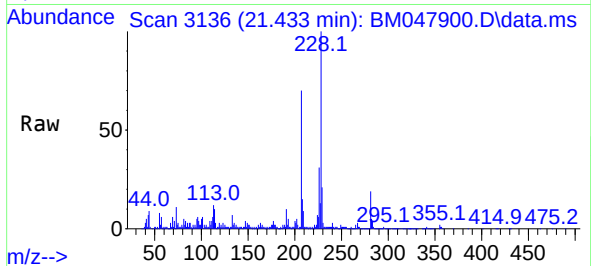
Tgt Ion:149 Resp: 68423
Ion Ratio Lower Upper
149 100
167 28.3 21.3 31.9
279 4.2 2.7 4.1#





#87
Chrysene
Concen: 2.573 ng/u1
RT: 21.433 min Scan# 3138
Delta R.T. -0.006 min
Lab File: BM047900.D
Acq: 08 Oct 2024 01:40

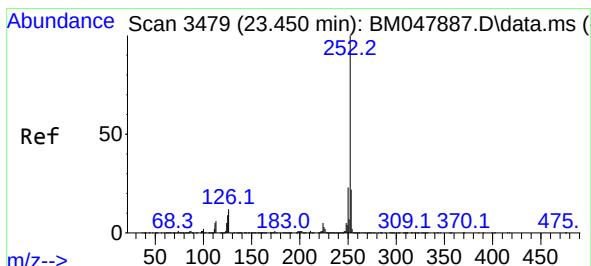
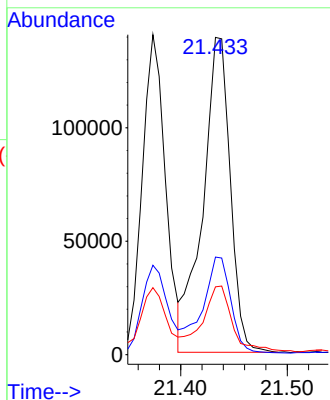
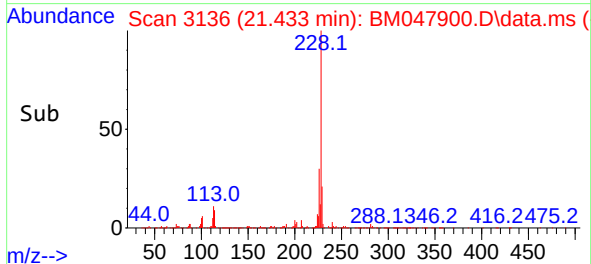
Instrument :
BNA_M
ClientSampleId :
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Tgt Ion:228 Resp: 248695
Ion Ratio Lower Upper
228 100
226 30.8 23.6 35.4
229 21.4 15.3 22.9

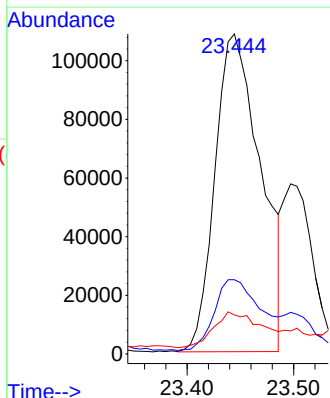
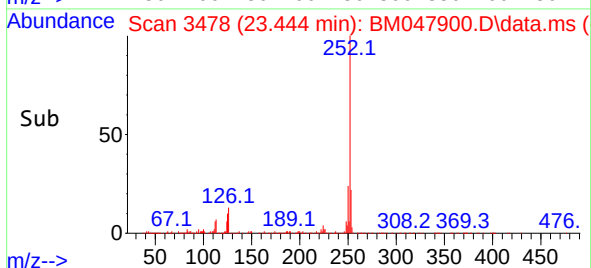
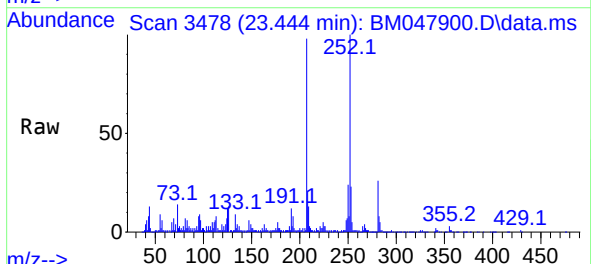
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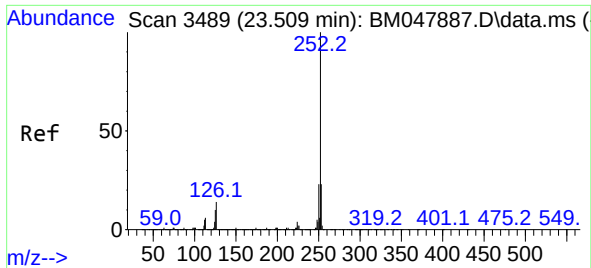
Reviewed By :Yogesh Patel 10/08/2024
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#90
Benzo(b)fluoranthene
Concen: 3.225 ng/u1
RT: 23.444 min Scan# 3478
Delta R.T. -0.006 min
Lab File: BM047900.D
Acq: 08 Oct 2024 01:40

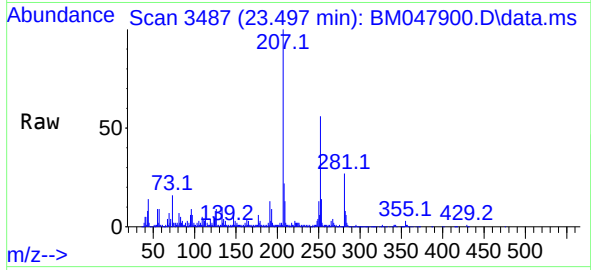
Tgt Ion:252 Resp: 323174
Ion Ratio Lower Upper
252 100
253 23.2 17.4 26.2
125 12.2 9.0 13.4





#91
 Benzo(k)fluoranthene
 Concen: 1.086 ng/ul m
 RT: 23.497 min Scan# 34
 Delta R.T. -0.012 min
 Lab File: BM047900.D
 Acq: 08 Oct 2024 01:40

Instrument :
 BNA_M
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Tgt Ion:252 Resp: 11124

Ion	Ratio	Lower	Upper
252	100		
253	24.4	17.5	26.3
125	13.5	8.9	13.3

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