

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101424\
 Data File : BM048040.D
 Acq On : 14 Oct 2024 22:50
 Operator : RC/JU
 Sample : P4238-06
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4F18

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 10/15/2024
 Supervised By :mohammad ahmed 10/17/2024

Quant Time: Oct 14 23:40:41 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	237801	20.000	ng/u1	0.00
20) Naphthalene-d8	10.575	136	942758	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.421	164	583761	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.162	188	1233714	20.000	ng/u1	0.00
79) Chrysene-d12	21.386	240	1273501	20.000	ng/u1	0.00
88) Perylene-d12	24.386	264	1485565	20.000	ng/u1	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.240	96	14804m	2.012	ng/uL	0.00
4) Pyridine-d5	0.000	84	0d	0.000	ng/u1	
7) Phenol-d5	6.957	99	244387	10.868	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.110	67	146389m	9.174	ng/u1	0.00
11) 2-Chlorophenol-d4	7.316	132	210867	12.889	ng/u1	0.00
15) 4-Methylphenol-d8	8.492	113	167114	9.996	ng/u1	0.00
21) Nitrobenzene-d5	8.939	128	93330	12.434	ng/u1	0.00
24) 2-Nitrophenol-d4	9.657	143	100752	14.006	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.204	165	182719	12.716	ng/u1	0.00
31) 4-Chloroaniline-d4	10.710	131	199735	8.991	ng/u1	0.00
46) Dimethylphthalate-d6	13.827	166	540112	12.762	ng/u1	0.00
49) Acenaphthylene-d8	14.110	160	649376	12.941	ng/u1	0.00
54) 4-Nitrophenol-d4	14.633	143	72075	8.553	ng/u1	0.01
60) Fluorene-d10	15.410	176	495853	13.526	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.533	200	44232	6.127	ng/u1	0.00
73) Anthracene-d10	17.257	188	786722	12.969	ng/u1	0.00
81) Pyrene-d10	19.545	212	927690	12.835	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.174	264	754484	9.789	ng/u1	0.00
Target Compounds						
					Qvalue	
72) Phenanthrene	17.204	178	144782	2.001	ng/u1	99
80) Fluoranthene	19.215	202	347364	4.081	ng/u1	99
82) Pyrene	19.574	202	280047	2.956	ng/u1	98
85) Benzo(a)anthracene	21.368	228	185490	2.080	ng/u1	96
86) Bis(2-ethylhexyl)phtha...	21.292	149	86409	1.718	ng/u1#	97
87) Chrysene	21.433	228	201236	2.315	ng/u1	98
90) Benzo(b)fluoranthene	23.439	252	280791	3.031	ng/u1	97
93) Benzo(a)pyrene	24.238	252	108506	1.233	ng/u1#	91

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

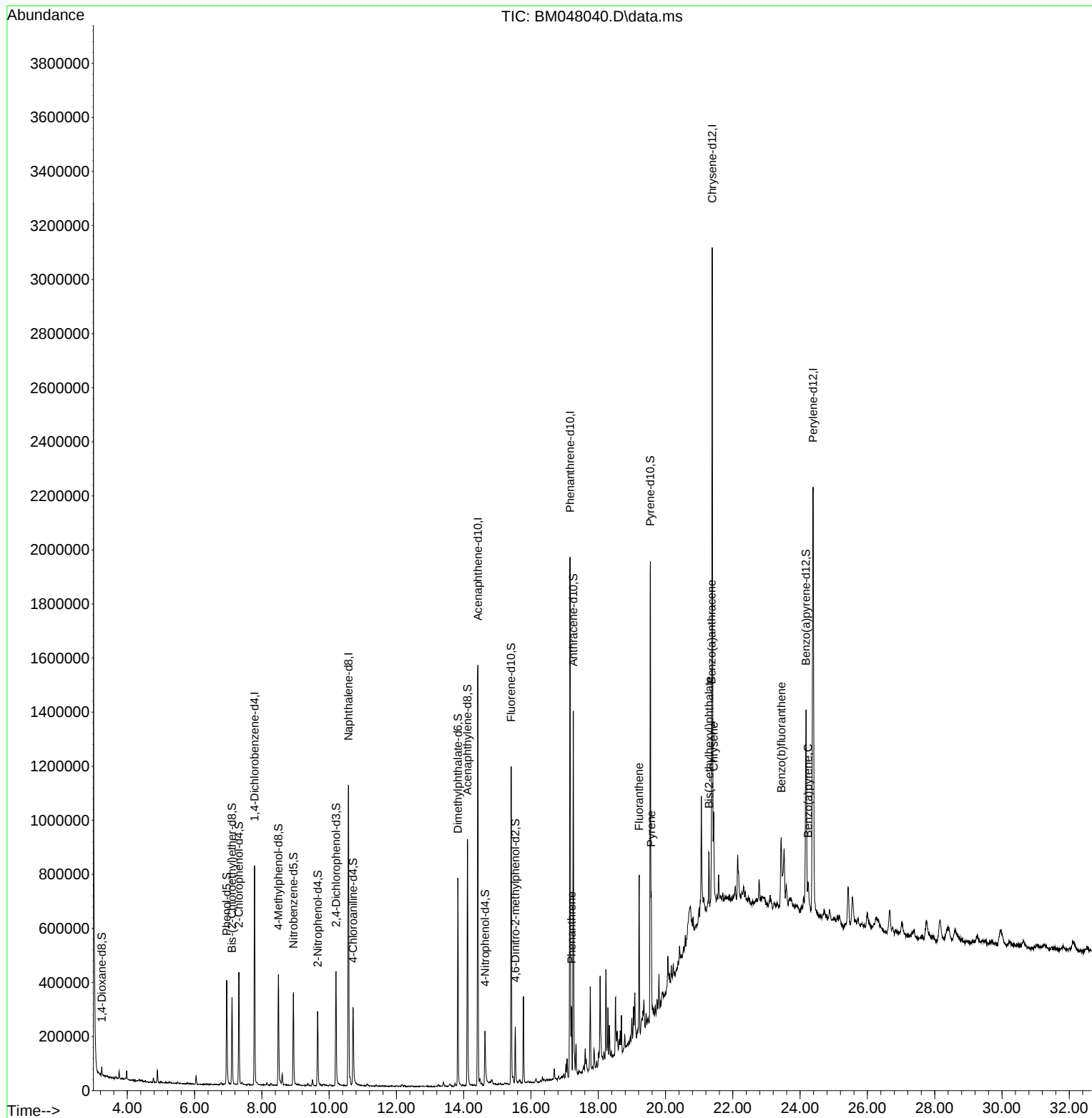
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101424\
Data File : BM048040.D
Acq On : 14 Oct 2024 22:50
Operator : RC/JU
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ALS Vial : 17 Sample Multiplier: 1

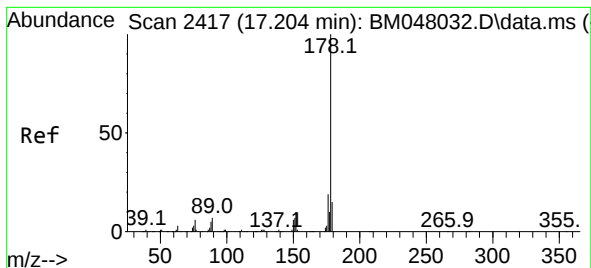
Instrument :
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Quant Title : SVOA CALIBRATION
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Response via : Initial Calibration





#72

Phenanthrene

Concen: 2.001 ng/ul

RT: 17.204 min Scan# 2417

Delta R.T. 0.000 min

Lab File: BM048040.D

Acq: 14 Oct 2024 22:50

Instrument :

BNA_M

ClientSampleId :

A4F18

Tgt Ion:178 Resp: 14478

Ion Ratio Lower Upper

178 100

179 14.7 12.0 18.0

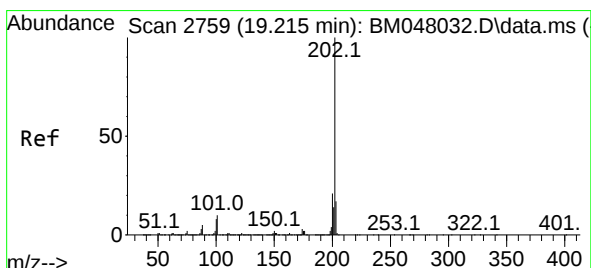
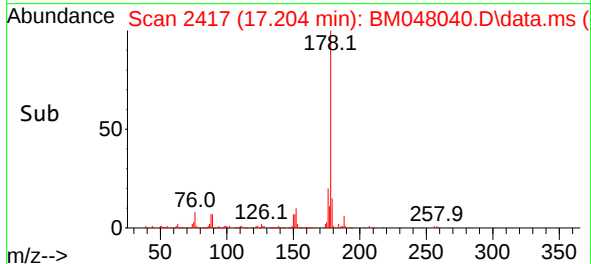
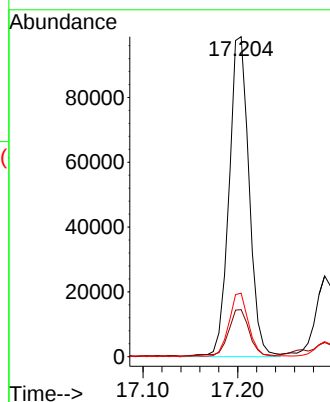
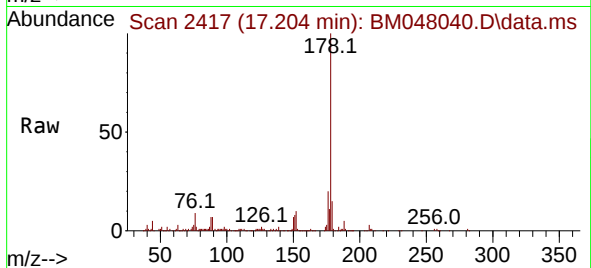
176 19.8 15.4 23.0

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#80

Fluoranthene

Concen: 4.081 ng/ul

RT: 19.215 min Scan# 2759

Delta R.T. 0.000 min

Lab File: BM048040.D

Acq: 14 Oct 2024 22:50

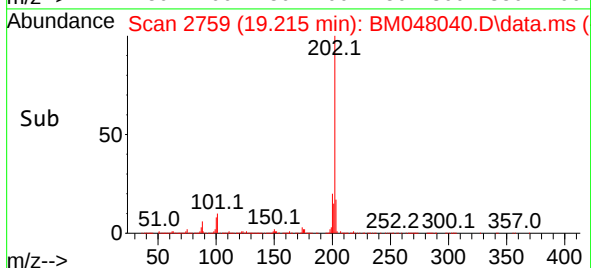
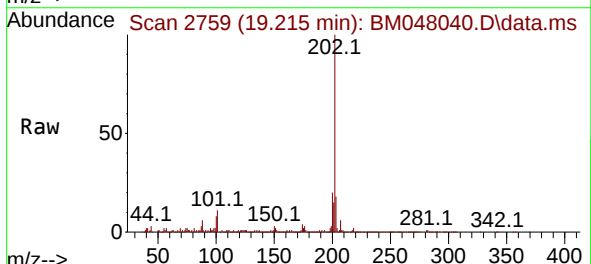
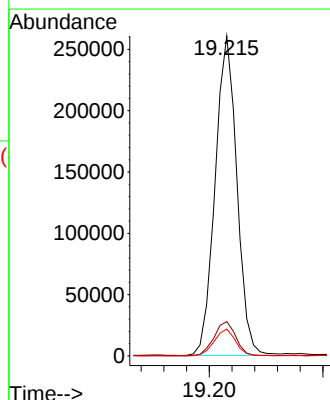
Tgt Ion:202 Resp: 347364

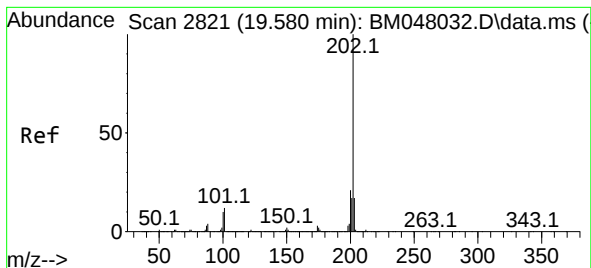
Ion Ratio Lower Upper

202 100

101 10.7 9.0 13.4

100 8.4 6.8 10.2





#82

Pyrene

Concen: 2.956 ng/u1

RT: 19.574 min Scan# 2

Delta R.T. 0.000 min

Lab File: BM048040.D

Acq: 14 Oct 2024 22:50

Instrument :

BNA_M

ClientSampleId :

A4F18

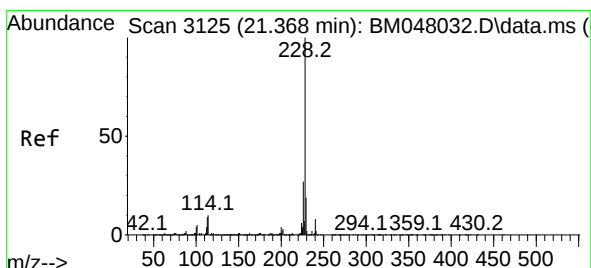
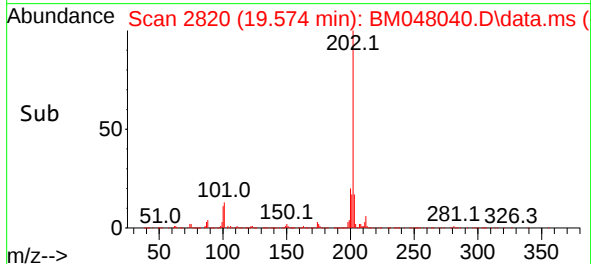
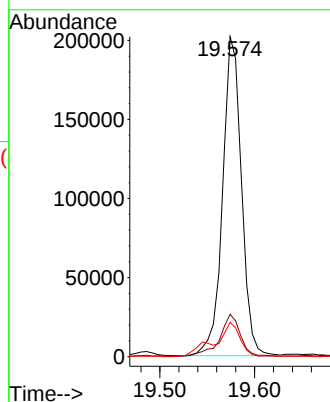
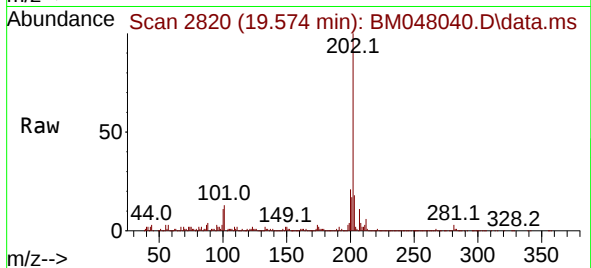
Tgt Ion:202 Resp: 28004
 Ion Ratio Lower Upper
 202 100
 101 13.2 10.9 16.3
 100 10.8 9.4 14.2

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#85

Benzo(a)anthracene

Concen: 2.080 ng/u1

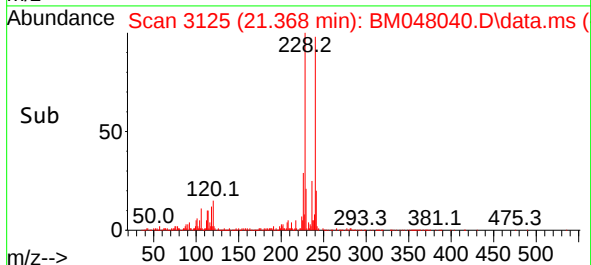
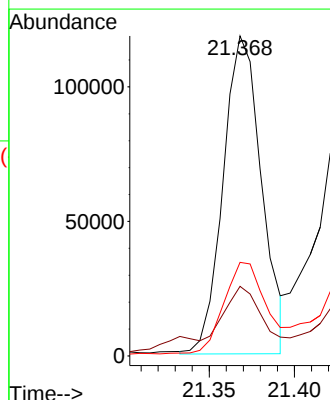
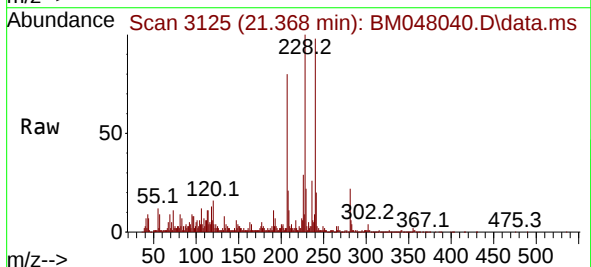
RT: 21.368 min Scan# 3125

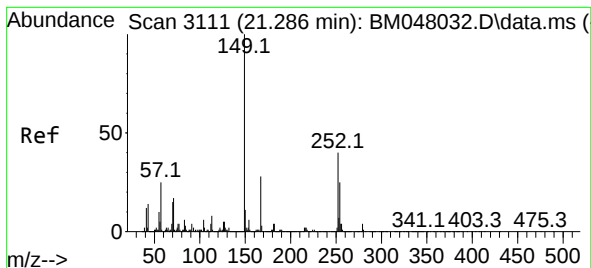
Delta R.T. 0.000 min

Lab File: BM048040.D

Acq: 14 Oct 2024 22:50

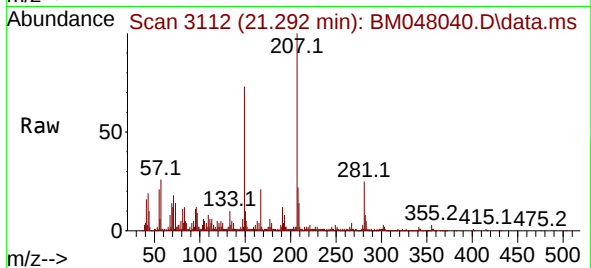
Tgt Ion:228 Resp: 185490
 Ion Ratio Lower Upper
 228 100
 229 21.7 15.6 23.4
 226 29.3 21.9 32.9





#86
Bis(2-ethylhexyl)phthalate
Concen: 1.718 ng/ul
RT: 21.292 min Scan# 3112
Delta R.T. 0.006 min
Lab File: BM048040.D
Acq: 14 Oct 2024 22:50

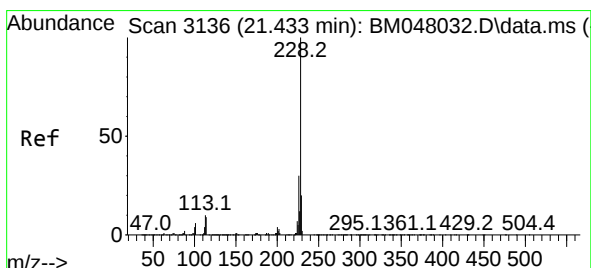
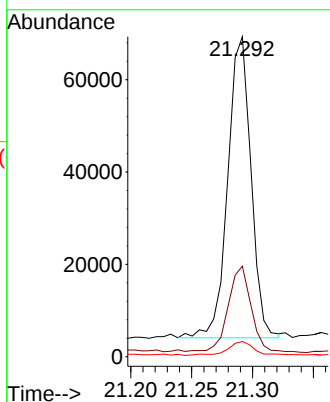
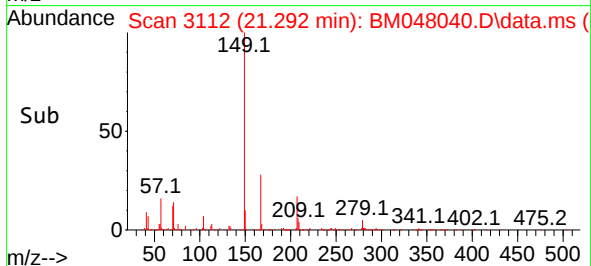
Instrument :
BNA_M
ClientSampleId :
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Tgt Ion:149 Resp: 86409
Ion Ratio Lower Upper
149 100
167 28.3 21.3 31.9
279 4.8 2.7 4.1

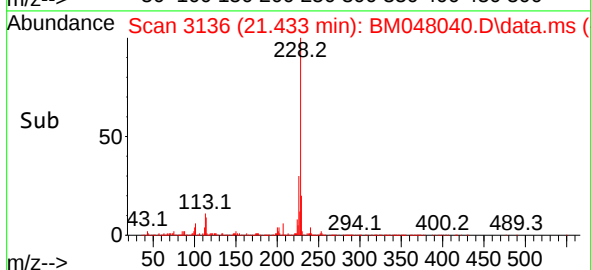
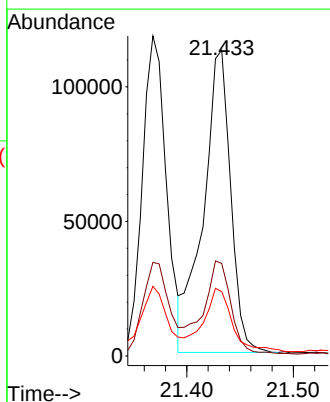
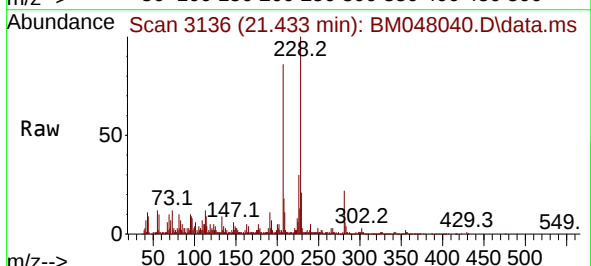
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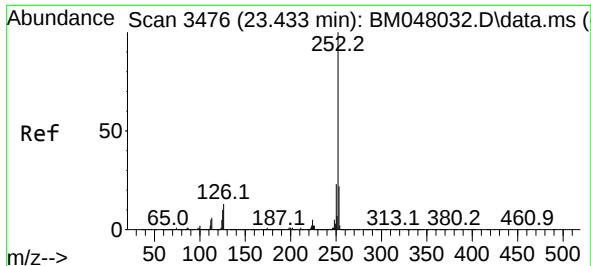
Reviewed By :Yogesh Patel 10/15/2024
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#87
Chrysene
Concen: 2.315 ng/ul
RT: 21.433 min Scan# 3136
Delta R.T. 0.006 min
Lab File: BM048040.D
Acq: 14 Oct 2024 22:50

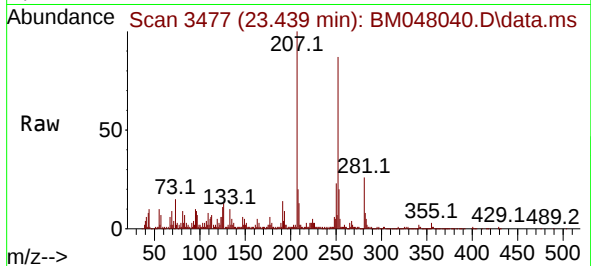
Tgt Ion:228 Resp: 201236
Ion Ratio Lower Upper
228 100
226 30.2 23.6 35.4
229 21.0 15.3 22.9





#90
Benzo(b)fluoranthene
Concen: 3.031 ng/uI
RT: 23.439 min Scan# 3476
Delta R.T. 0.012 min
Lab File: BM048040.D
Acq: 14 Oct 2024 22:50

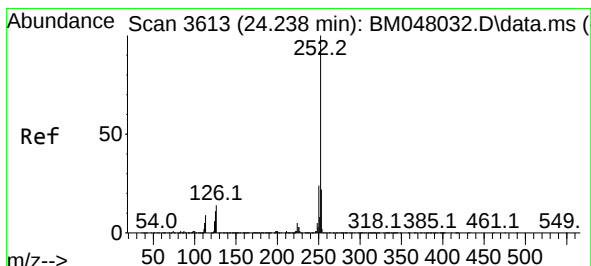
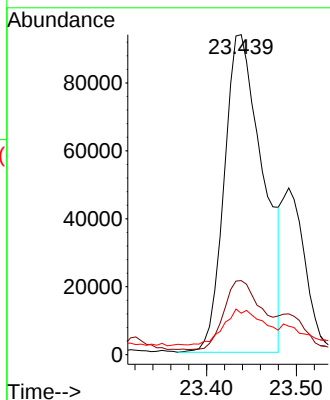
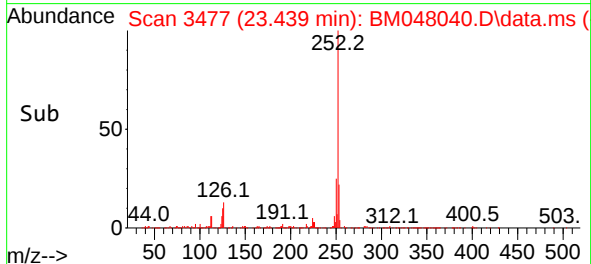
Instrument :
BNA_M
ClientSampleId :
A4F18



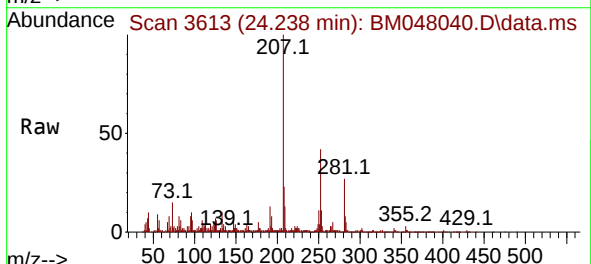
Tgt Ion:252 Resp: 28079
Ion Ratio Lower Upper
252 100
253 23.1 17.4 26.2
125 12.9 9.0 13.4

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#93
Benzo(a)pyrene
Concen: 1.233 ng/uI
RT: 24.238 min Scan# 3613
Delta R.T. 0.006 min
Lab File: BM048040.D
Acq: 14 Oct 2024 22:50



Tgt Ion:252 Resp: 108506
Ion Ratio Lower Upper
252 100
253 25.4 17.2 25.8
125 16.5 10.1 15.1#

