

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM102824\
 Data File : BM048300.D
 Acq On : 29 Oct 2024 23:18
 Operator : RC/JU
 Sample : P4492-11
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4EQ6

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 10/30/2024
 Supervised By :mohammad ahmed 11/01/2024

Quant Time: Oct 29 23:53:44 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM102624.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sun Oct 27 23:39:58 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.716	152	180143	20.000	ng/u1	0.00
20) Naphthalene-d8	10.504	136	732971	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.357	164	435547	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.098	188	857802	20.000	ng/u1	-0.01
79) Chrysene-d12	21.321	240	790294	20.000	ng/u1	-0.01
88) Perylene-d12	24.262	264	871929	20.000	ng/u1	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.169	96	6530	1.427	ng/uL	0.00
4) Pyridine-d5	0.000	84	0d	0.000	ng/u1	
7) Phenol-d5	6.892	99	116386	7.520	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.051	67	79921	8.337	ng/u1	0.00
11) 2-Chlorophenol-d4	7.251	132	103812	8.248	ng/u1	0.00
15) 4-Methylphenol-d8	8.433	113	60071	4.835	ng/u1	0.00
21) Nitrobenzene-d5	8.875	128	45797	7.621	ng/u1	0.00
24) 2-Nitrophenol-d4	9.598	143	45594	7.004	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.145	165	87196	7.340	ng/u1	0.00
31) 4-Chloroaniline-d4	10.675	131	24149m	1.464	ng/u1	0.02
46) Dimethylphthalate-d6	13.768	166	295230	9.070	ng/u1	-0.01
49) Acenaphthylene-d8	14.051	160	316503	8.624	ng/u1	0.00
54) 4-Nitrophenol-d4	14.610	143	21325m	3.583	ng/u1	0.03
60) Fluorene-d10	15.351	176	253778	9.227	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.486	200	18704	3.299	ng/u1	0.00
73) Anthracene-d10	17.198	188	347241	8.561	ng/u1	-0.01
81) Pyrene-d10	19.492	212	408957	8.528	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.062	264	315377	6.858	ng/u1	-0.02
Target Compounds						
					Qvalue	
8) Phenol	6.922	94	23067	1.431	ng/u1	95
16) Acetophenone	8.539	105	59746	3.053	ng/u1	99
72) Phenanthrene	17.139	178	103581	2.181	ng/u1	98
80) Fluoranthene	19.156	202	196405	3.520	ng/u1	99
82) Pyrene	19.521	202	148411	2.481	ng/u1	97
85) Benzo(a)anthracene	21.303	228	82754	1.452	ng/u1	96
87) Chrysene	21.368	228	94469	1.763	ng/u1	97
90) Benzo(b)fluoranthene	23.338	252	121883	2.190	ng/u1#	96

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

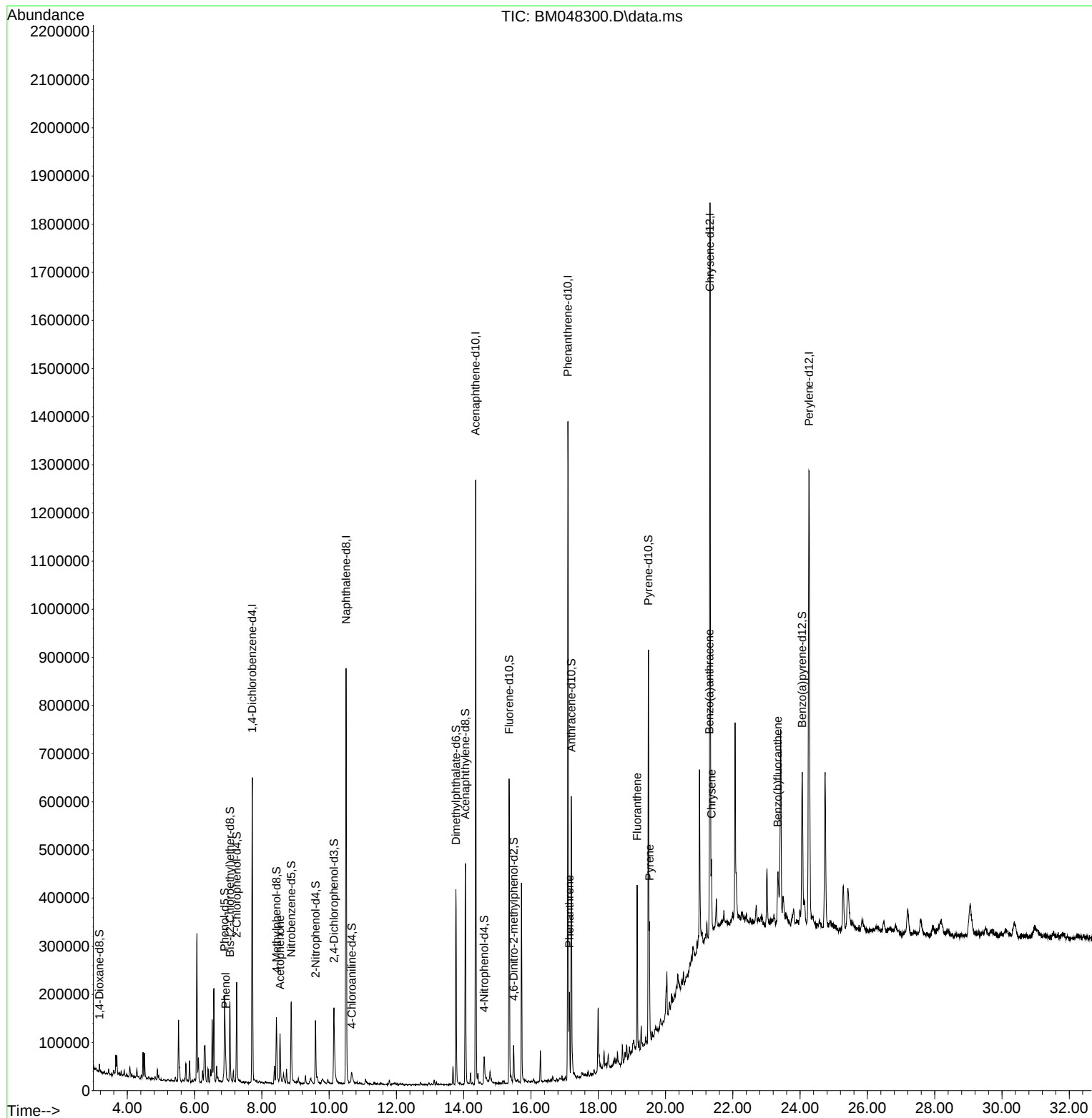
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM102824\
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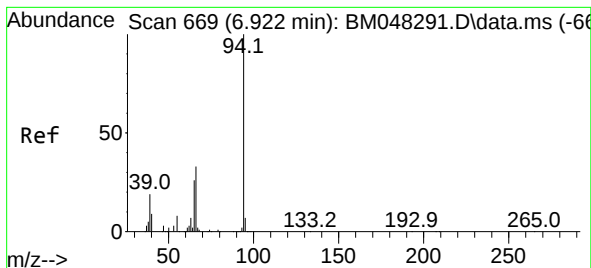
Instrument :
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Quant Title : SVOA CALIBRATION
QLast Update : Sun Oct 27 23:39:58 2024
Response via : Initial Calibration





#8

Phenol

Concen: 1.431 ng/ul

RT: 6.922 min Scan# 669

Delta R.T. -0.006 min

Lab File: BM048300.D

Acq: 29 Oct 2024 23:18

Instrument :

BNA_M

ClientSampleId :

A4EQ6

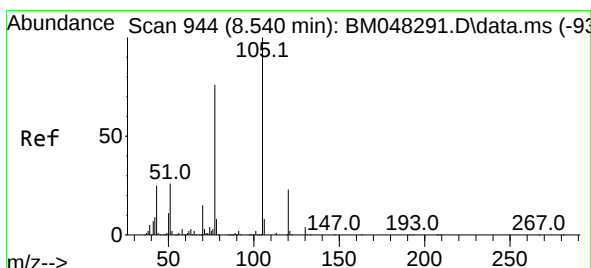
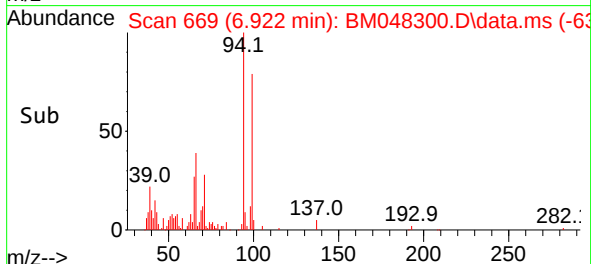
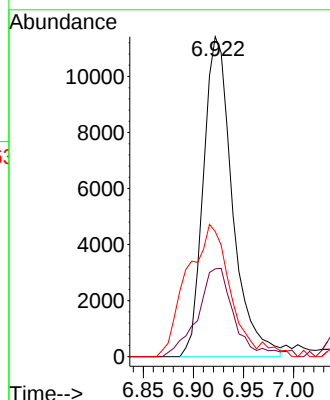
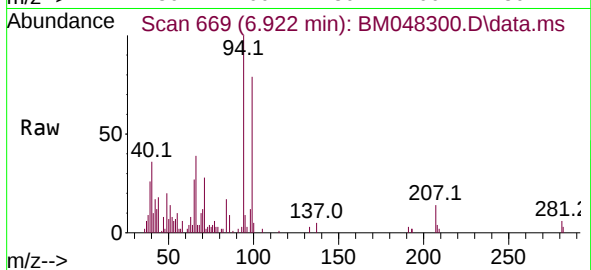
Tgt Ion:	94	Resp:	2306
Ion Ratio	Lower	Upper	
94	100		
65	27.5	21.1	31.7
66	39.1	27.6	41.4

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#16

Acetophenone

Concen: 3.053 ng/ul

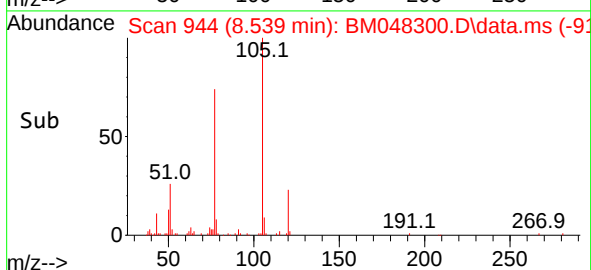
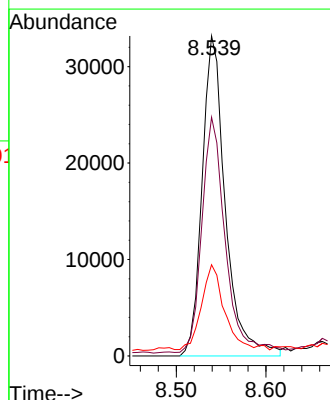
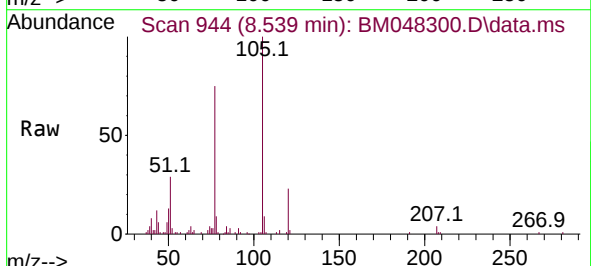
RT: 8.539 min Scan# 944

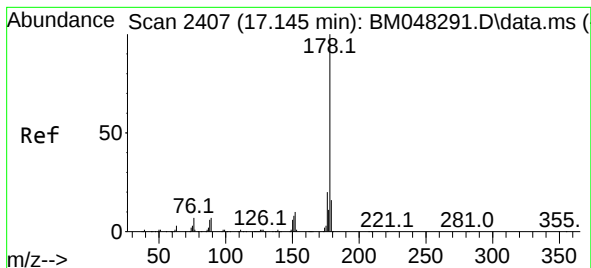
Delta R.T. -0.006 min

Lab File: BM048300.D

Acq: 29 Oct 2024 23:18

Tgt Ion:	105	Resp:	59746
Ion Ratio	Lower	Upper	
105	100		
77	74.6	60.2	90.4
51	28.5	21.6	32.4





#72

Phenanthrene

Concen: 2.181 ng/ul

RT: 17.139 min Scan# 2406

Delta R.T. -0.012 min

Lab File: BM048300.D

Acq: 29 Oct 2024 23:18

Instrument :

BNA_M

ClientSampleId :

A4EQ6

Tgt Ion:178 Resp: 10358

Ion Ratio Lower Upper

178 100

179 15.2 12.6 18.8

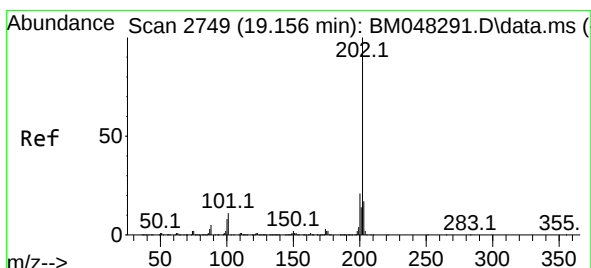
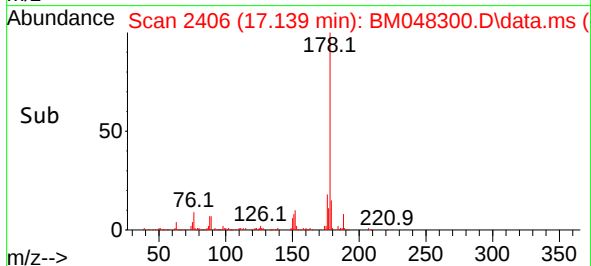
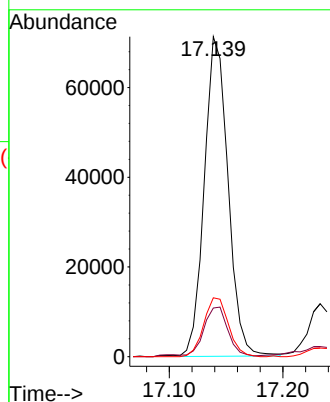
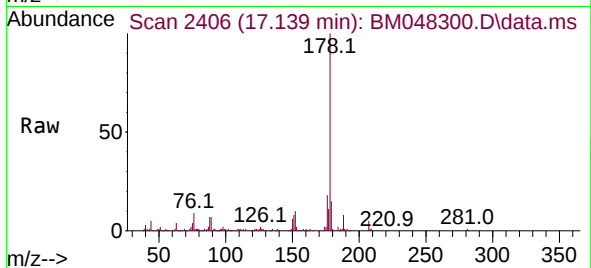
176 18.4 15.4 23.2

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#80

Fluoranthene

Concen: 3.520 ng/ul

RT: 19.156 min Scan# 2749

Delta R.T. -0.012 min

Lab File: BM048300.D

Acq: 29 Oct 2024 23:18

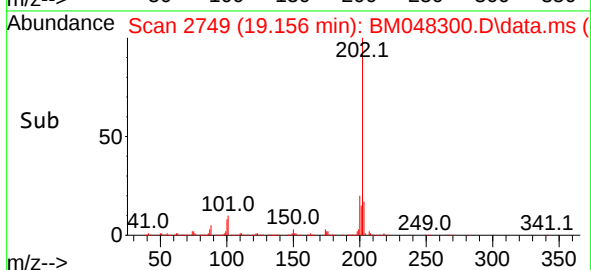
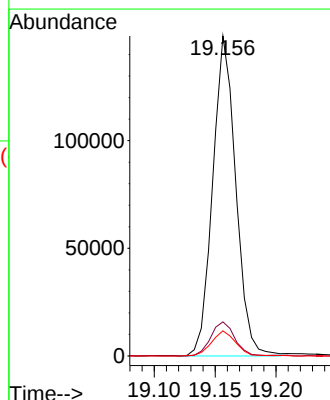
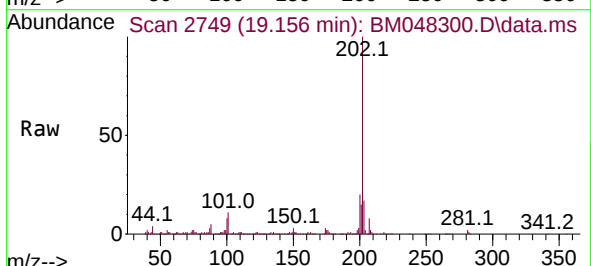
Tgt Ion:202 Resp: 196405

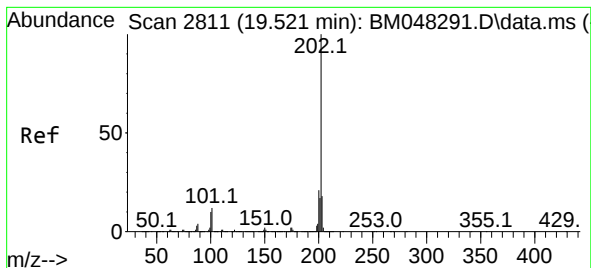
Ion Ratio Lower Upper

202 100

101 10.6 8.2 12.2

100 7.8 6.5 9.7





#82

Pyrene

Concen: 2.481 ng/ul

RT: 19.521 min Scan# 2811

Delta R.T. -0.006 min

Lab File: BM048300.D

Acq: 29 Oct 2024 23:18

Instrument :

BNA_M

ClientSampleId :

A4EQ6

Tgt Ion:202 Resp: 14841

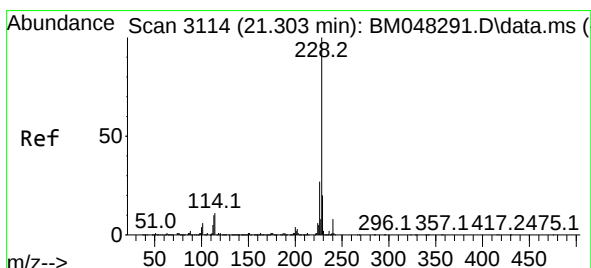
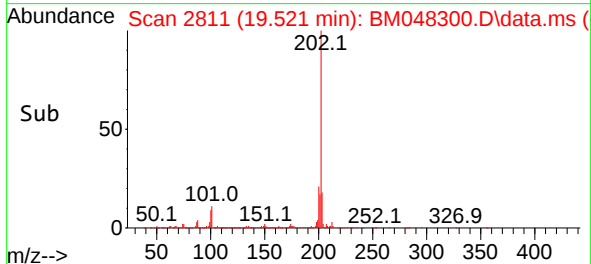
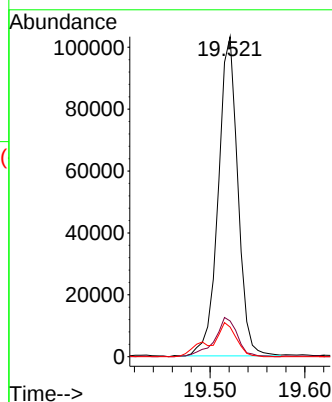
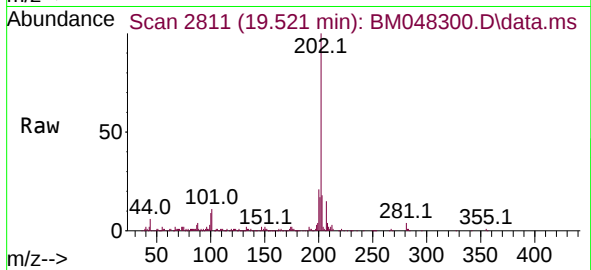
Ion	Ratio	Lower	Upper
202	100		
101	11.2	10.1	15.1
100	9.3	8.3	12.5

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#85

Benzo(a)anthracene

Concen: 1.452 ng/ul

RT: 21.303 min Scan# 3114

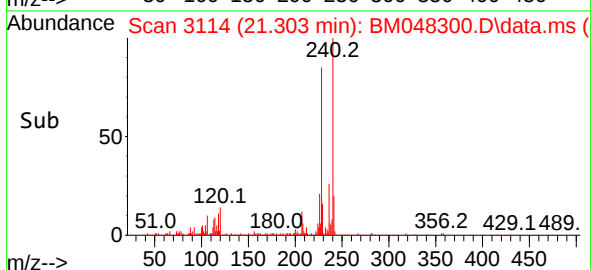
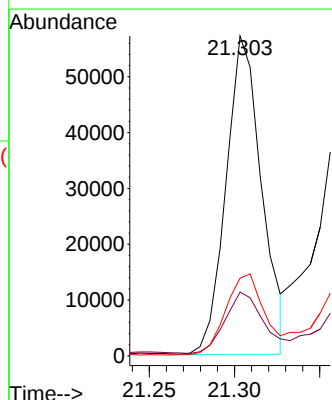
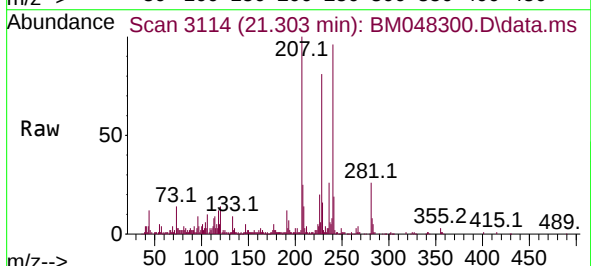
Delta R.T. -0.012 min

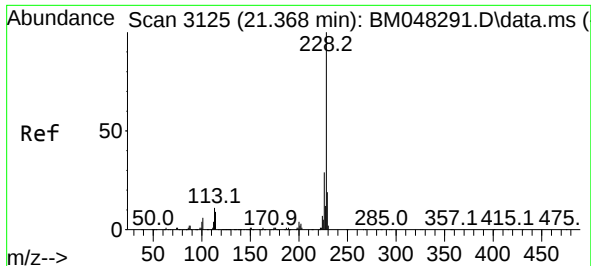
Lab File: BM048300.D

Acq: 29 Oct 2024 23:18

Tgt Ion:228 Resp: 82754

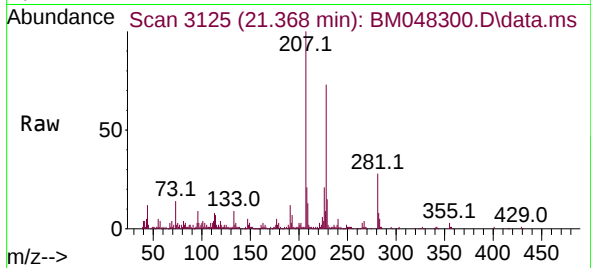
Ion	Ratio	Lower	Upper
228	100		
229	20.0	15.4	23.2
226	24.3	21.6	32.4





#87
Chrysene
Concen: 1.763 ng/ul
RT: 21.368 min Scan# 3125
Delta R.T. -0.006 min
Lab File: BM048300.D
Acq: 29 Oct 2024 23:18

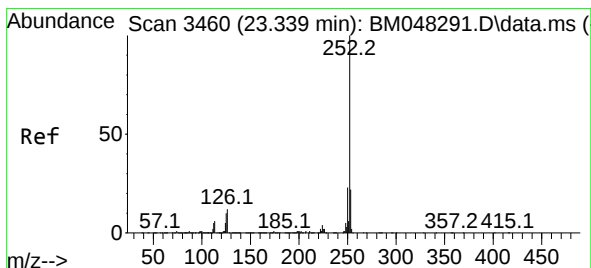
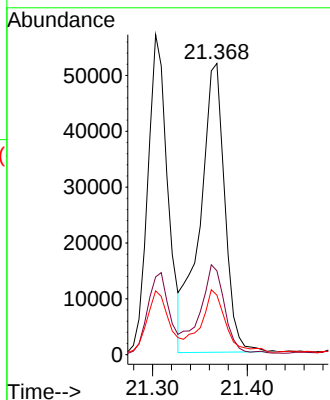
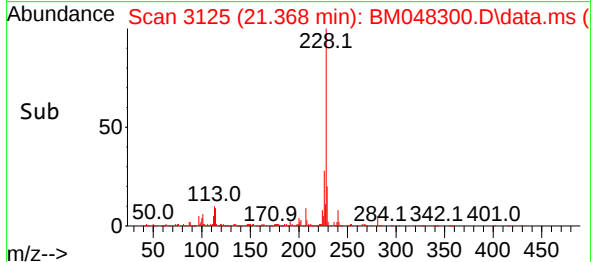
Instrument :
BNA_M
ClientSampleId :
A4EQ6



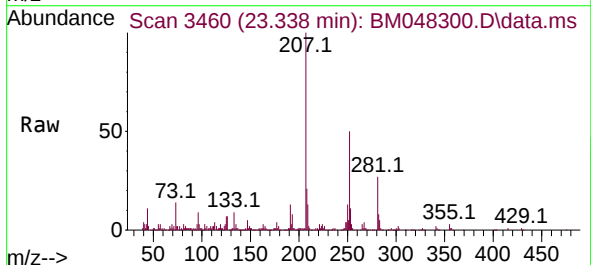
Tgt Ion:228 Resp: 94469
Ion Ratio Lower Upper
228 100
226 28.8 24.2 36.2
229 20.4 15.5 23.3

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#90
Benzo(b)fluoranthene
Concen: 2.190 ng/ul
RT: 23.338 min Scan# 3460
Delta R.T. -0.012 min
Lab File: BM048300.D
Acq: 29 Oct 2024 23:18



Tgt Ion:252 Resp: 121883
Ion Ratio Lower Upper
252 100
253 22.6 17.8 26.8
125 13.6 7.8 11.6#

