

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM102824\
 Data File : BM048315.D
 Acq On : 30 Oct 2024 09:46
 Operator : RC/JU
 Sample : P4493-15DL 5X
 Misc :
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4F27DL

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 10/30/2024
 Supervised By :mohammad ahmed 11/01/2024

Quant Time: Oct 30 10:26:29 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	207945	20.000	ng/u1	0.00
20) Naphthalene-d8	10.504	136	867147	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.357	164	511902	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.098	188	957496	20.000	ng/u1	-0.01
79) Chrysene-d12	21.321	240	841316	20.000	ng/u1	-0.01
88) Perylene-d12	24.262	264	925747	20.000	ng/u1	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.175	96	2773	0.525	ng/uL	0.00
4) Pyridine-d5	0.000	84	0d	0.000	ng/u1	
7) Phenol-d5	6.904	99	30640	1.715	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.051	67	24036	2.172	ng/u1	0.00
11) 2-Chlorophenol-d4	7.251	132	30274	2.084	ng/u1	0.00
15) 4-Methylphenol-d8	8.445	113	20223m	1.410	ng/u1	0.00
21) Nitrobenzene-d5	8.881	128	11703	1.646	ng/u1	0.00
24) 2-Nitrophenol-d4	9.598	143	11423	1.483	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.186	165	23798m	1.693	ng/u1	0.05
31) 4-Chloroaniline-d4	10.727	131	6273m	0.321	ng/u1	0.08
46) Dimethylphthalate-d6	13.774	166	92662	2.422	ng/u1	0.00
49) Acenaphthylene-d8	14.051	160	95160	2.206	ng/u1	0.00
54) 4-Nitrophenol-d4	14.692	143	3111m	0.445	ng/u1	0.11
60) Fluorene-d10	15.357	176	80240	2.482	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.492	200	3869	0.611	ng/u1	0.00
73) Anthracene-d10	17.204	188	115169	2.544	ng/u1	0.00
81) Pyrene-d10	19.492	212	123926	2.427	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.062	264	85188	1.745	ng/u1	-0.02
Target Compounds						
					Qvalue	
72) Phenanthrene	17.145	178	127880	2.412	ng/u1	99
80) Fluoranthene	19.156	202	187149	3.150	ng/u1	99
82) Pyrene	19.521	202	138095	2.168	ng/u1	99
85) Benzo(a)anthracene	21.303	228	79075	1.303	ng/u1	98
86) Bis(2-ethylhexyl)phtha...	21.227	149	1107992	29.213	ng/u1	99
87) Chrysene	21.368	228	76629	1.343	ng/u1	99
90) Benzo(b)fluoranthene	23.338	252	86277	1.460	ng/u1	96

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

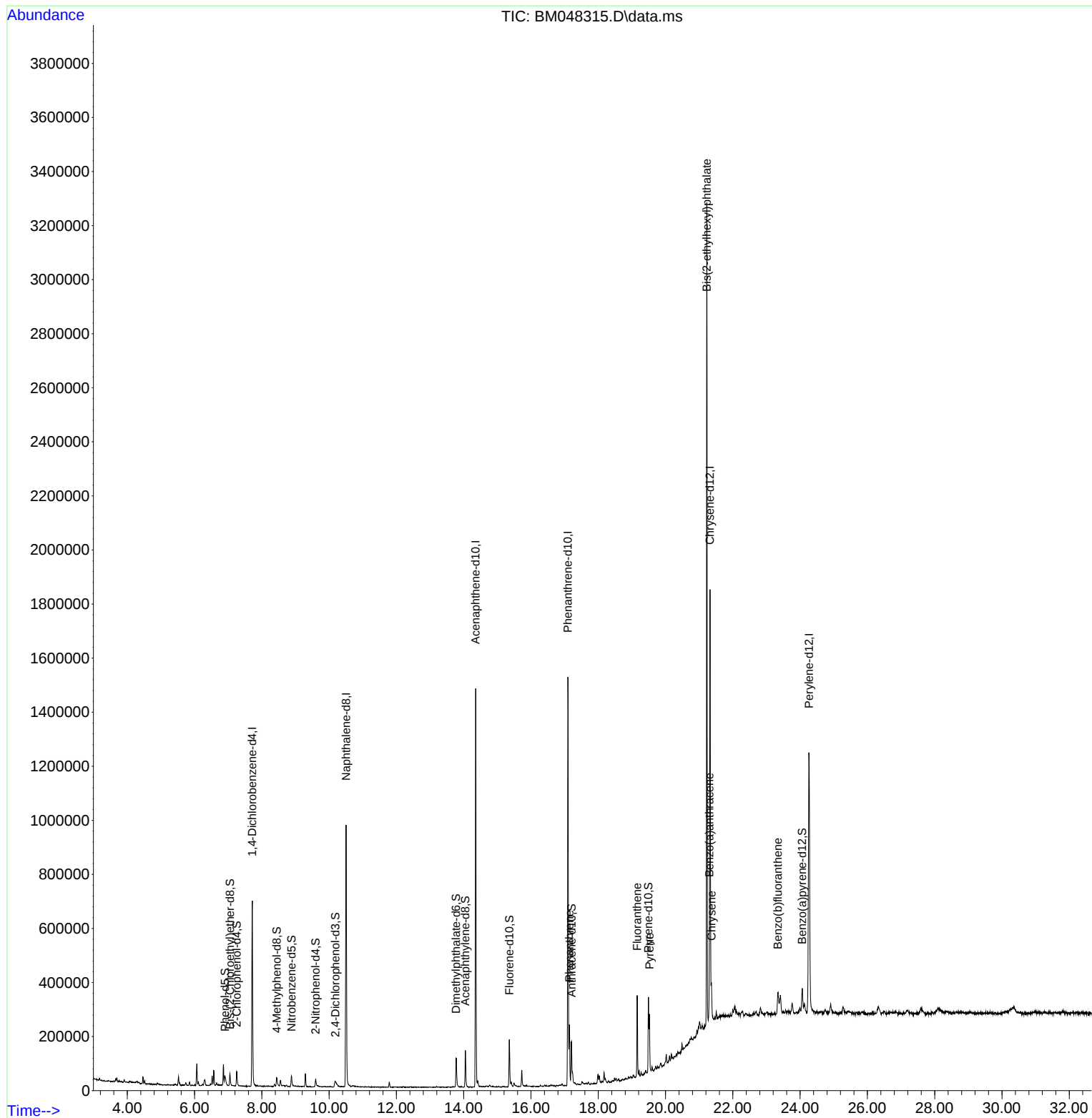
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM102824\
Data File : BM048315.D
Acq On : 30 Oct 2024 09:46
Operator : RC/JU
Sample : P4493-15DL 5X
Misc :
ALS Vial : 39 Sample Multiplier: 1

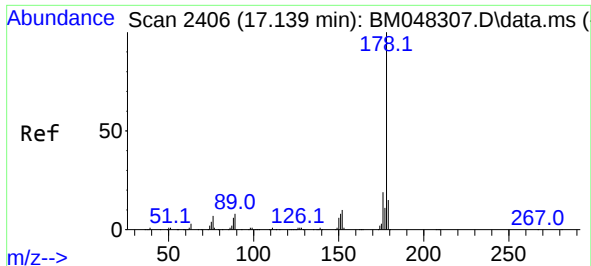
Instrument :
BNA_M
ClientSampleId :
A4F27DL

Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 10/30/2024
Supervised By :mohammad ahmed 11/01/2024

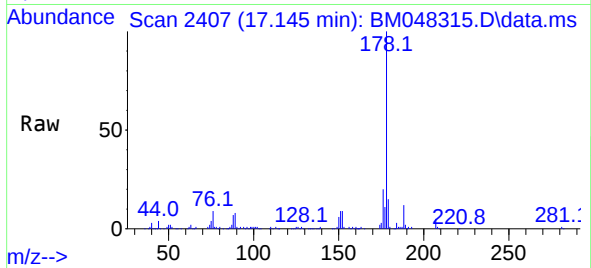
Quant Time: Oct 30 10:26:29 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM102624.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sun Oct 27 23:39:58 2024
Response via : Initial Calibration





#72
Phenanthrene
Concen: 2.412 ng/ul
RT: 17.145 min Scan# 2406
Delta R.T. -0.006 min
Lab File: BM048315.D
Acq: 30 Oct 2024 09:46

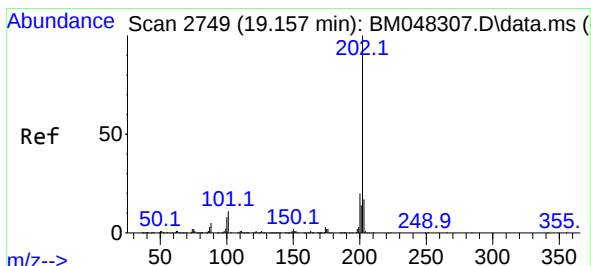
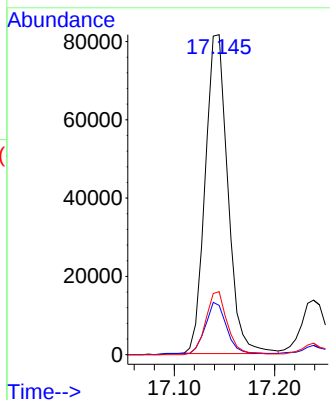
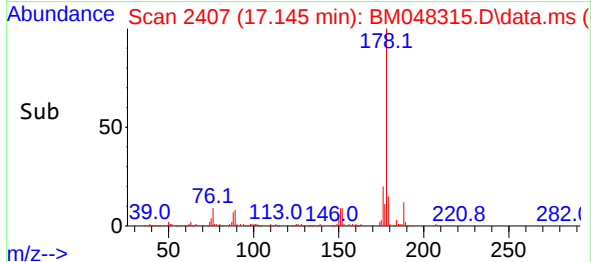
Instrument :
BNA_M
ClientSampleId :
A4F27DL



Tgt Ion:178 Resp: 127880
Ion Ratio Lower Upper
178 100
179 15.4 12.6 18.8
176 19.7 15.4 23.2

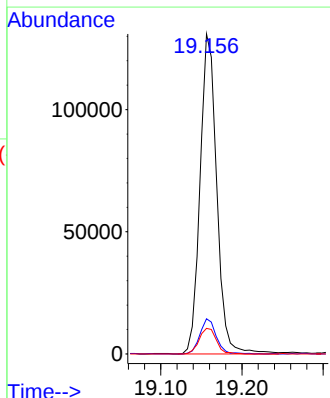
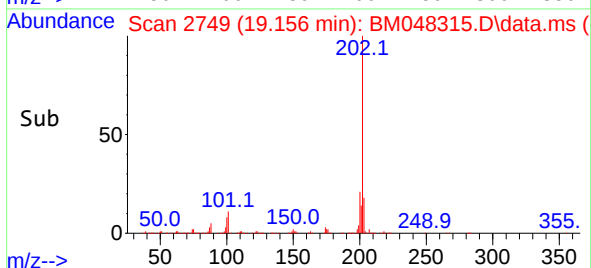
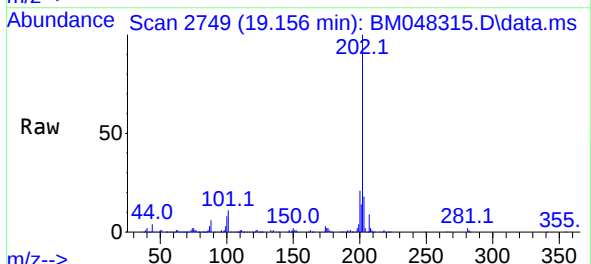
Manual Integrations
APPROVED

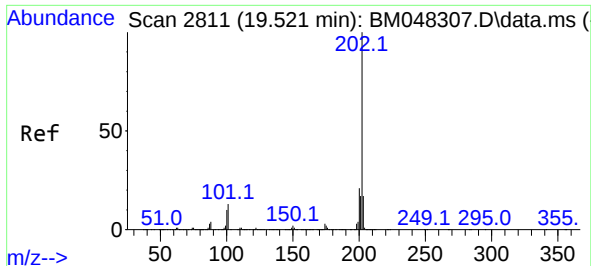
Reviewed By :Jagrut Upadhyay 10/30/2024
Supervised By :mohammad ahmed 11/01/2024



#80
Fluoranthene
Concen: 3.150 ng/ul
RT: 19.156 min Scan# 2749
Delta R.T. -0.012 min
Lab File: BM048315.D
Acq: 30 Oct 2024 09:46

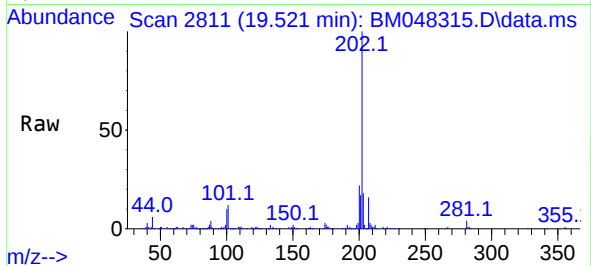
Tgt Ion:202 Resp: 187149
Ion Ratio Lower Upper
202 100
101 11.0 8.2 12.2
100 8.0 6.5 9.7





#82
Pyrene
Concen: 2.168 ng/ul
RT: 19.521 min Scan# 2811
Delta R.T. -0.006 min
Lab File: BM048315.D
Acq: 30 Oct 2024 09:46

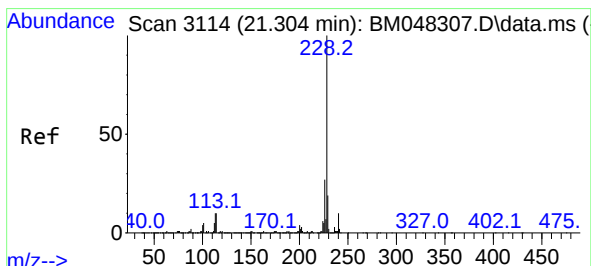
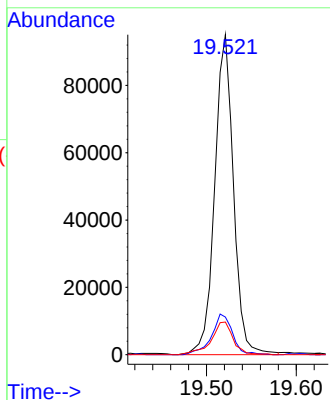
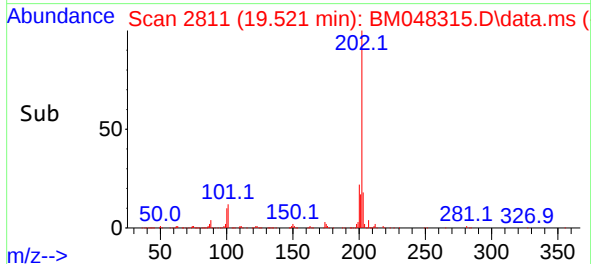
Instrument :
BNA_M
ClientSampleId :
A4F27DL



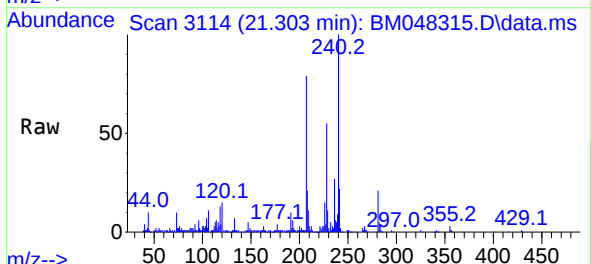
Tgt Ion:202 Resp: 138095
Ion Ratio Lower Upper
202 100
101 11.7 10.1 15.1
100 10.2 8.3 12.5

Manual Integrations
APPROVED

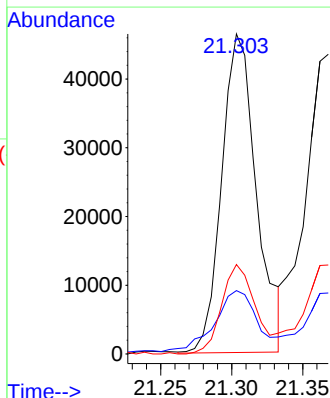
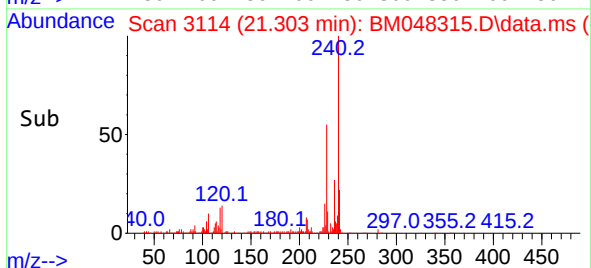
Reviewed By :Jagrut Upadhyay 10/30/2024
Supervised By :mohammad ahmed 11/01/2024

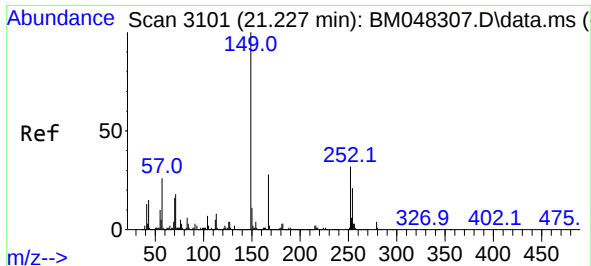


#85
Benzo(a)anthracene
Concen: 1.303 ng/ul
RT: 21.303 min Scan# 3114
Delta R.T. -0.012 min
Lab File: BM048315.D
Acq: 30 Oct 2024 09:46



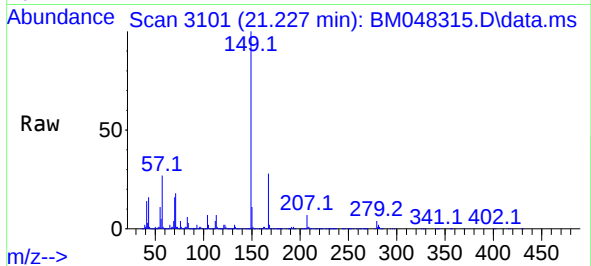
Tgt Ion:228 Resp: 79075
Ion Ratio Lower Upper
228 100
229 19.8 15.4 23.2
226 28.0 21.6 32.4





#86
Bis(2-ethylhexyl)phthalate
Concen: 29.213 ng/ul
RT: 21.227 min Scan# 3101
Delta R.T. -0.012 min
Lab File: BM048315.D
Acq: 30 Oct 2024 09:46

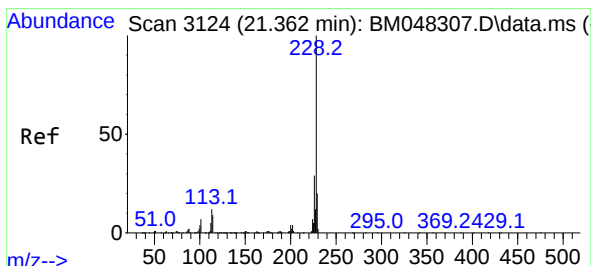
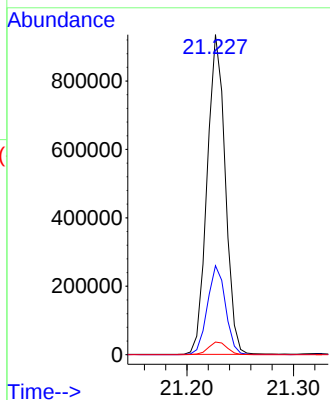
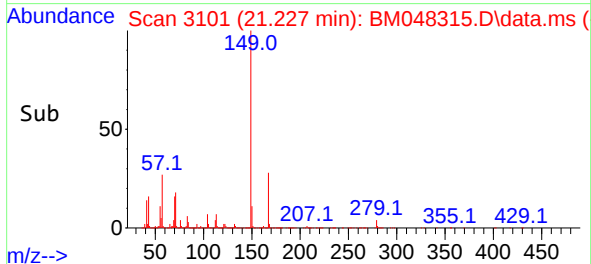
Instrument :
BNA_M
ClientSampleId :
A4F27DL



Tgt Ion:149 Resp: 1107992
Ion Ratio Lower Upper
149 100
167 27.8 22.9 34.3
279 4.0 3.3 4.9

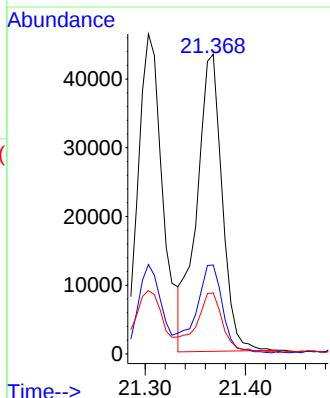
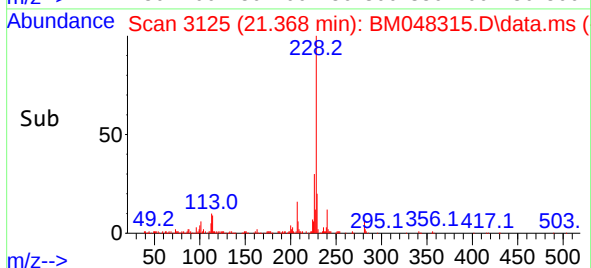
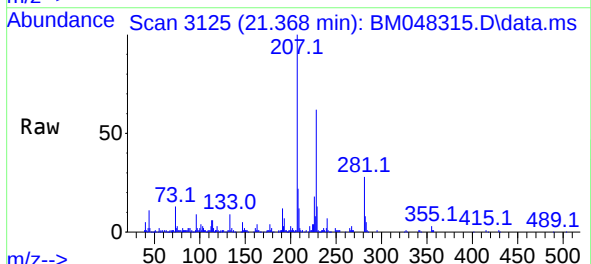
Manual Integrations
APPROVED

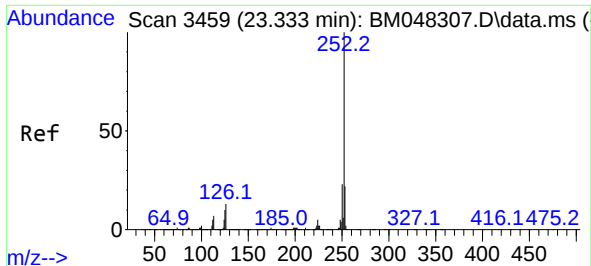
Reviewed By :Jagrut Upadhyay 10/30/2024
Supervised By :mohammad ahmed 11/01/2024



#87
Chrysene
Concen: 1.343 ng/ul
RT: 21.368 min Scan# 3125
Delta R.T. -0.006 min
Lab File: BM048315.D
Acq: 30 Oct 2024 09:46

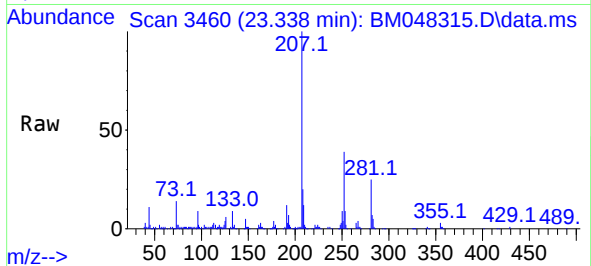
Tgt Ion:228 Resp: 76629
Ion Ratio Lower Upper
228 100
226 29.7 24.2 36.2
229 20.3 15.5 23.3





#90
Benzo(b)fluoranthene
Concen: 1.460 ng/ul
RT: 23.338 min Scan# 34
Delta R.T. -0.012 min
Lab File: BM048315.D
Acq: 30 Oct 2024 09:46

Instrument :
BNA_M
ClientSampleId :
A4F27DL



Tgt Ion:252 Resp: 8627
Ion Ratio Lower Upper
252 100
253 24.3 17.8 26.8
125 11.0 7.8 11.6

Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 10/30/2024
Supervised By :mohammad ahmed 11/01/2024

