

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM012225\
 Data File : BM049422.D
 Acq On : 23 Jan 2025 16:49
 Operator : RC/JU
 Sample : Q1139-19DL 5X
 Misc :
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DCZJ6DL

Quant Time: Jan 23 23:24:24 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM011325.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Jan 13 16:56:06 2025
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 01/24/2025
 Supervised By :mohammad ahmed 01/24/2025

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.516	152	193999	20.000	ng/u1	0.00
20) Naphthalene-d8	10.275	136	680317	20.000	ng/u1	-0.01
38) Acenaphthene-d10	14.157	164	415845	20.000	ng/u1	0.00
64) Phenanthrene-d10	16.910	188	819060	20.000	ng/u1	0.00
79) Chrysene-d12	21.139	240	886533	20.000	ng/u1	0.00
88) Perylene-d12	23.915	264	931524	20.000	ng/u1	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.128	96	3503	0.747	ng/uL	0.00
4) Pyridine-d5	0.000	84	0d	0.000	ng/u1	0.00
7) Phenol-d5	6.710	99	43389	2.664	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	6.869	67	35443	3.268	ng/u1	0.00
11) 2-Chlorophenol-d4	7.057	132	38154	3.063	ng/u1	0.00
15) 4-Methylphenol-d8	8.234	113	31995	2.534	ng/u1	0.00
21) Nitrobenzene-d5	8.663	128	15688m	3.024	ng/u1	0.00
24) 2-Nitrophenol-d4	9.375	143	12989	2.240	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	9.922	165	32326	2.732	ng/u1	0.00
31) 4-Chloroaniline-d4	10.433	131	12420m	0.798	ng/u1	0.00
46) Dimethylphthalate-d6	13.580	166	103224	3.335	ng/u1	0.00
49) Acenaphthylene-d8	13.845	160	112681	3.189	ng/u1	0.00
54) 4-Nitrophenol-d4	0.000	143	0d	0.000	ng/u1	0.00
60) Fluorene-d10	15.157	176	84599	3.164	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.286	200	4262	0.816	ng/u1	0.00
73) Anthracene-d10	17.004	188	125259	3.094	ng/u1	-0.01
81) Pyrene-d10	19.309	212	119074	2.207	ng/u1	-0.01
92) Benzo(a)pyrene-d12	23.721	264	68266	1.365	ng/u1	-0.02
Target Compounds						
					Qvalue	
30) Naphthalene	10.328	128	46840	1.297	ng/u1	98
50) Acenaphthylene	13.874	152	118630	3.275	ng/u1	99
72) Phenanthrene	16.951	178	211471	4.644	ng/u1	100
74) Anthracene	17.039	178	508024	11.115	ng/u1	99
80) Fluoranthene	18.974	202	1881362	30.346	ng/u1	99
82) Pyrene	19.339	202	1321637	20.027	ng/u1	99
85) Benzo(a)anthracene	21.121	228	1018563	16.487	ng/u1	97
87) Chrysene	21.180	228	1898942	33.668	ng/u1	99
90) Benzo(b)fluoranthene	23.050	252	2428009	38.942	ng/u1	99
91) Benzo(k)fluoranthene	23.103	252	766413	12.328	ng/u1	98
93) Benzo(a)pyrene	23.786	252	287745	5.109	ng/u1	95
94) Indeno(1,2,3-cd)pyrene	26.991	276	294519	4.559	ng/u1	98
95) Dibenzo(a,h)anthracene	27.038	278	133807	2.543	ng/u1	96

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

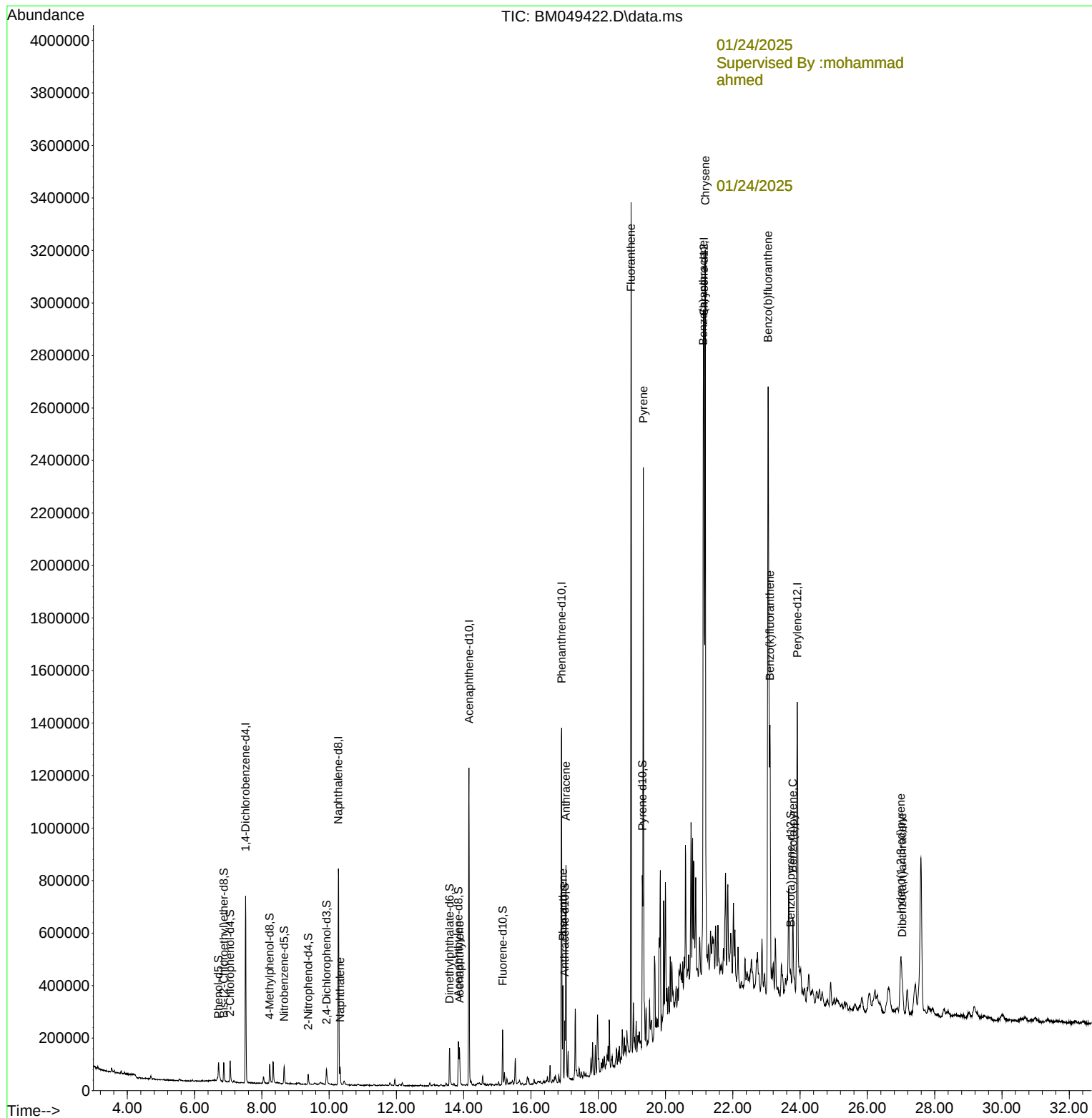
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM012225\
 Data File : BM049422.D
 Acq On : 23 Jan 2025 16:49
 Operator : RC/JU
 Sample : Q1139-19DL 5X
 Misc :
 ALS Vial : 44 Sample Multiplier: 1

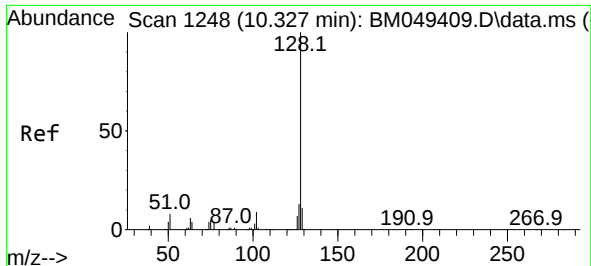
Instrument :
 BNA_M
 ClientSampleId :
 DCZJ6DL

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 01/24/2025
 Supervised By :mohammad ahmed 01/24/2025

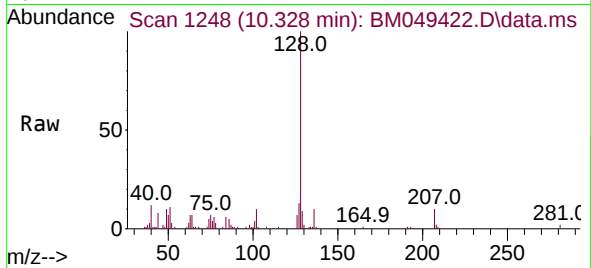
Quant Time: Jan 23 23:24:24 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM011325.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Jan 13 16:56:06 2025
 Response via : Initial Calibration





#30
Naphthalene
Concen: 1.297 ng/ul
RT: 10.328 min Scan# 1248
Delta R.T. -0.006 min
Lab File: BM049422.D
Acq: 23 Jan 2025 16:49

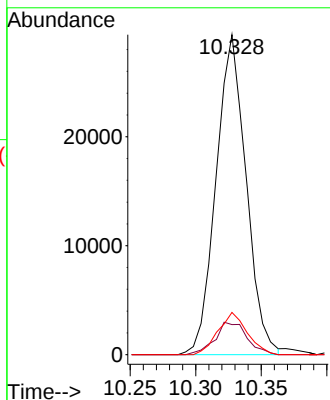
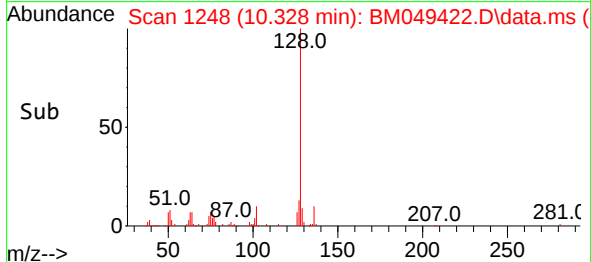
Instrument :
BNA_M
ClientSampleId :
DCZJ6DL



Tgt Ion:128 Resp: 46840
Ion Ratio Lower Upper
128 100
129 9.4 8.5 12.7
127 13.2 10.2 15.2

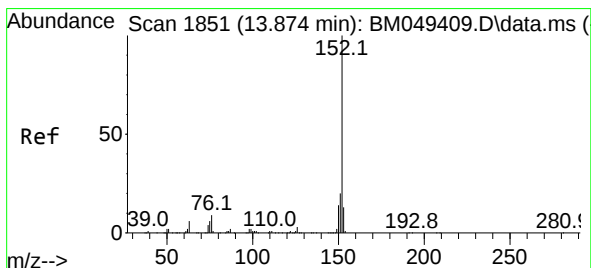
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 01/24/2025
Supervised By :mohammad ahmed 01/24/2025

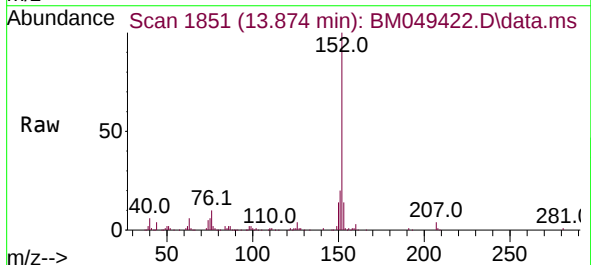


01/24/2025
Supervised By :mohammad
ahmed

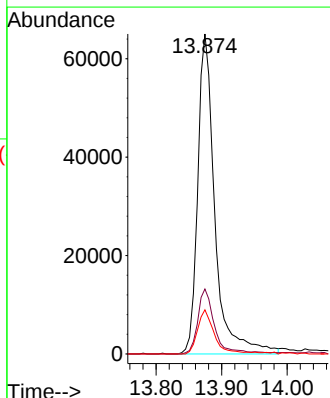
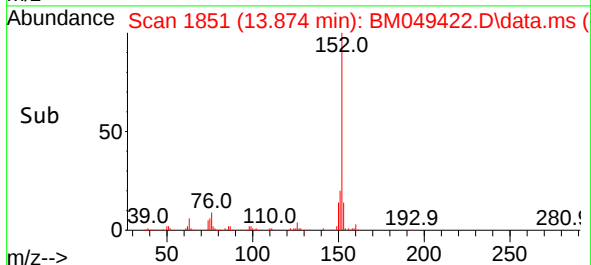
01/24/2025

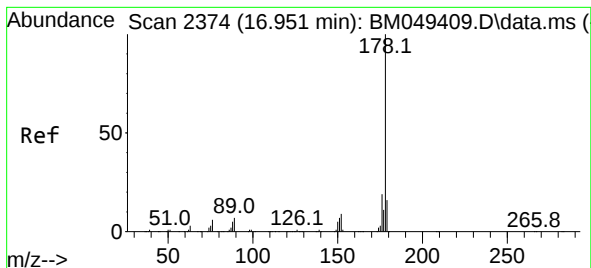


#50
Acenaphthylene
Concen: 3.275 ng/ul
RT: 13.874 min Scan# 1851
Delta R.T. -0.006 min
Lab File: BM049422.D
Acq: 23 Jan 2025 16:49



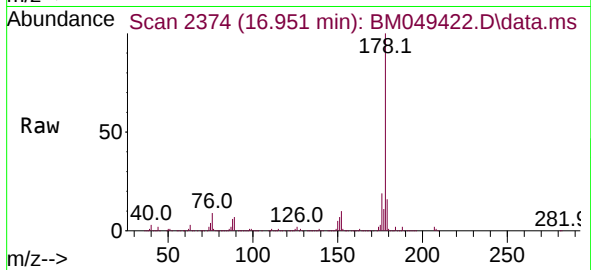
Tgt Ion:152 Resp: 118630
Ion Ratio Lower Upper
152 100
151 20.3 15.8 23.8
153 13.8 10.6 15.8





#72
Phenanthrene
Concen: 4.644 ng/ul
RT: 16.951 min Scan# 2374
Delta R.T. -0.006 min
Lab File: BM049422.D
Acq: 23 Jan 2025 16:49

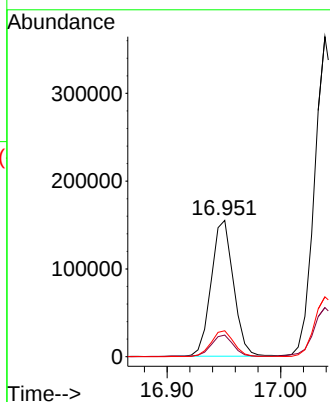
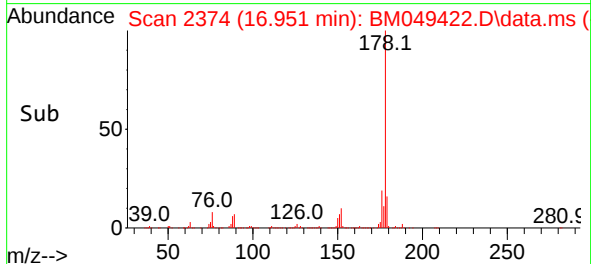
Instrument :
BNA_M
ClientSampleId :
DCZJ6DL



Tgt Ion:178 Resp: 21147
Ion Ratio Lower Upper
178 100
179 15.8 12.6 19.0
176 19.0 15.4 23.2

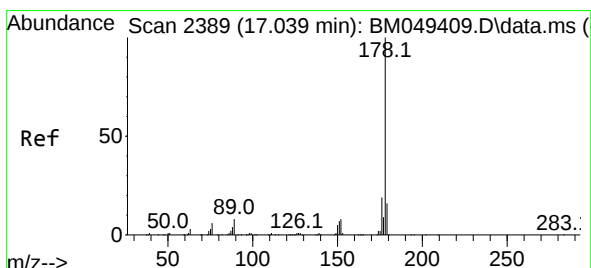
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 01/24/2025
Supervised By :mohammad ahmed 01/24/2025

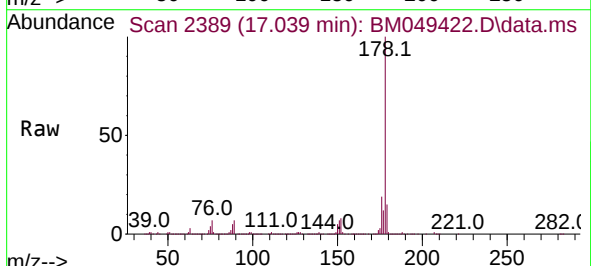


01/24/2025
Supervised By :mohammad
ahmed

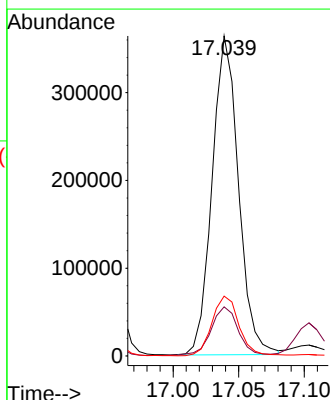
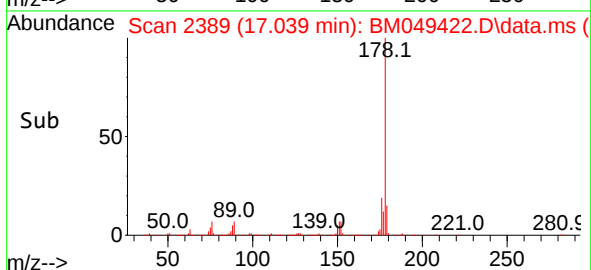
01/24/2025

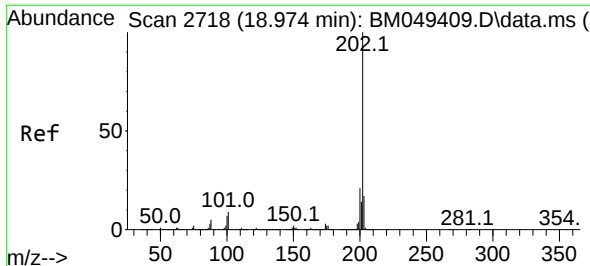


#74
Anthracene
Concen: 11.115 ng/ul
RT: 17.039 min Scan# 2389
Delta R.T. -0.012 min
Lab File: BM049422.D
Acq: 23 Jan 2025 16:49



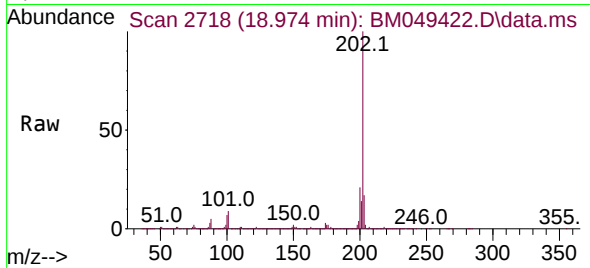
Tgt Ion:178 Resp: 508024
Ion Ratio Lower Upper
178 100
179 15.3 12.5 18.7
176 18.7 15.1 22.7





#80
Fluoranthene
Concen: 30.346 ng/ul
RT: 18.974 min Scan# 2718
Delta R.T. -0.012 min
Lab File: BM049422.D
Acq: 23 Jan 2025 16:49

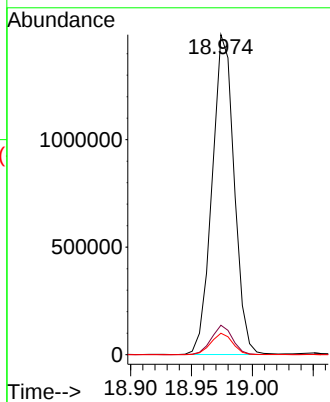
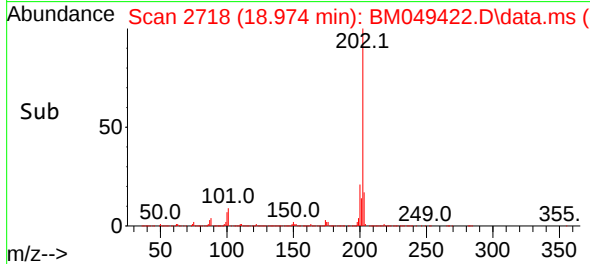
Instrument :
BNA_M
ClientSampleId :
DCZJ6DL



Tgt Ion:202 Resp: 1881362
Ion Ratio Lower Upper
202 100
101 9.2 7.0 10.4
100 6.7 5.0 7.6

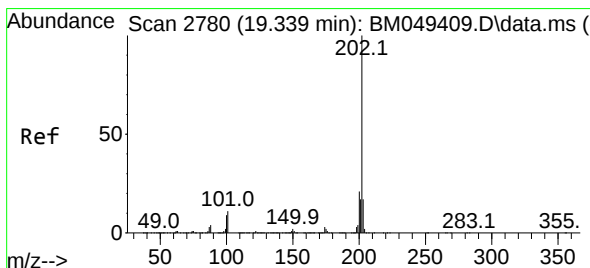
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 01/24/2025
Supervised By :mohammad ahmed 01/24/2025



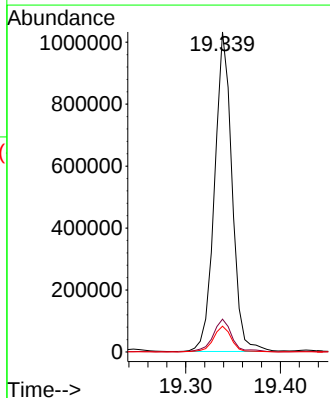
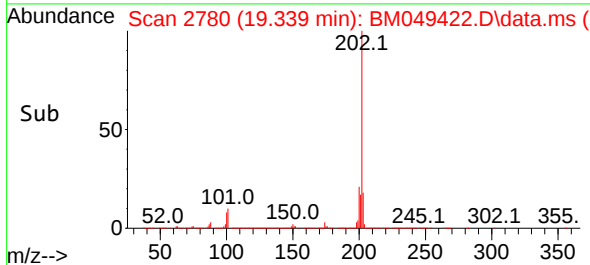
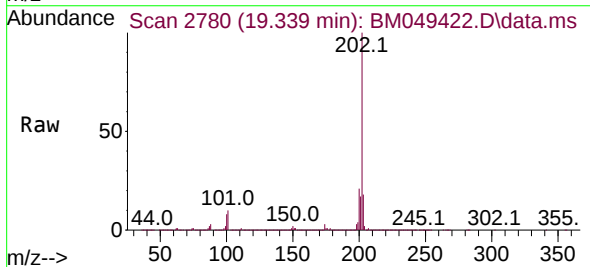
01/24/2025
Supervised By :mohammad
ahmed

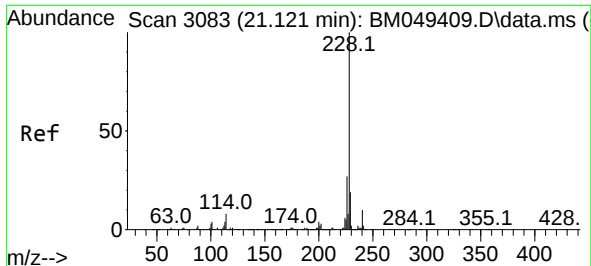
01/24/2025



#82
Pyrene
Concen: 20.027 ng/ul
RT: 19.339 min Scan# 2780
Delta R.T. -0.012 min
Lab File: BM049422.D
Acq: 23 Jan 2025 16:49

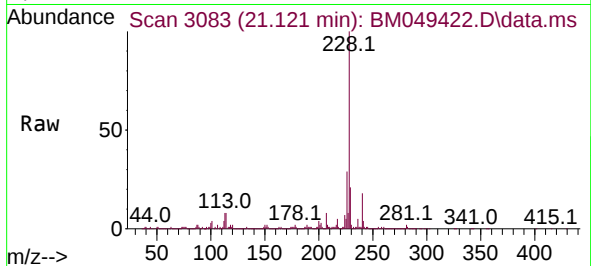
Tgt Ion:202 Resp: 1321637
Ion Ratio Lower Upper
202 100
101 10.3 7.8 11.8
100 8.1 6.6 10.0





#85
Benzo(a)anthracene
Concen: 16.487 ng/ul
RT: 21.121 min Scan# 3083
Delta R.T. -0.012 min
Lab File: BM049422.D
Acq: 23 Jan 2025 16:49

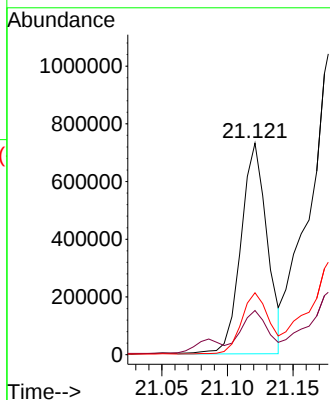
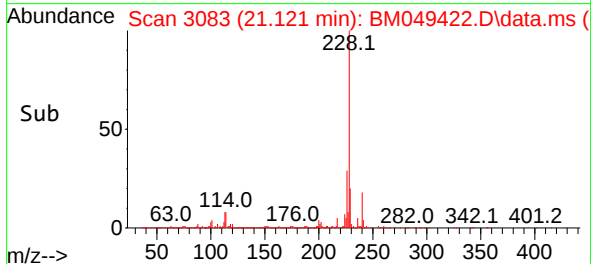
Instrument :
BNA_M
ClientSampleId :
DCZJ6DL



Tgt Ion:228 Resp: 101856
Ion Ratio Lower Upper
228 100
229 20.9 15.8 23.6
226 29.2 22.1 33.1

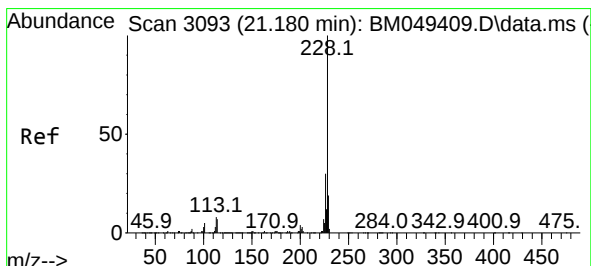
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 01/24/2025
Supervised By :mohammad ahmed 01/24/2025

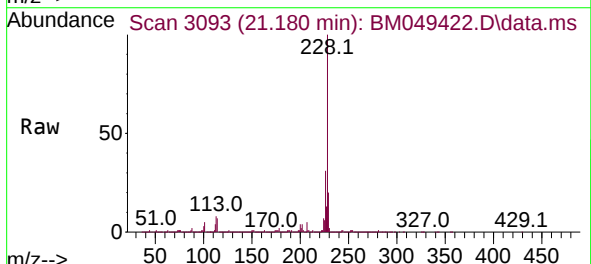


01/24/2025
Supervised By :mohammad
ahmed

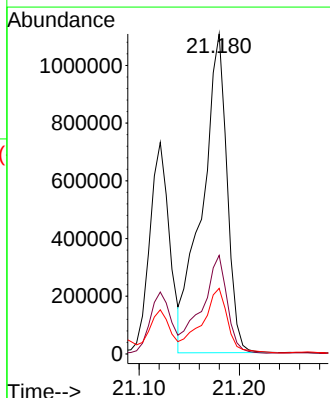
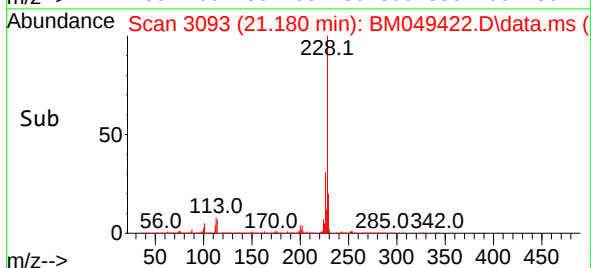
01/24/2025

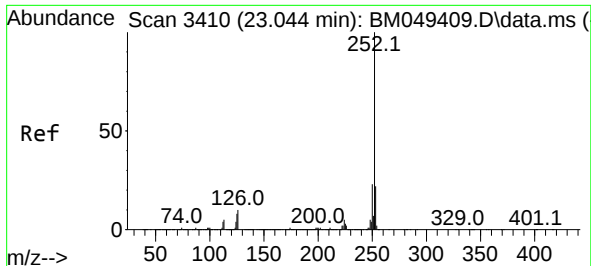


#87
Chrysene
Concen: 33.668 ng/ul
RT: 21.180 min Scan# 3093
Delta R.T. -0.006 min
Lab File: BM049422.D
Acq: 23 Jan 2025 16:49



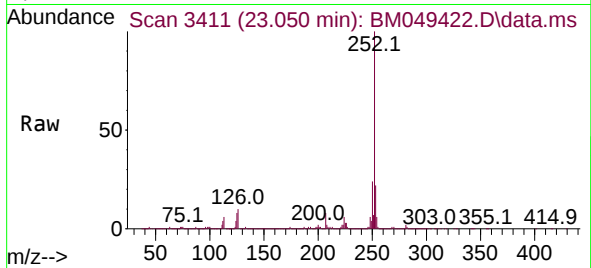
Tgt Ion:228 Resp: 1898942
Ion Ratio Lower Upper
228 100
226 30.8 24.3 36.5
229 20.5 16.0 24.0





#90
Benzo(b)fluoranthene
Concen: 38.942 ng/ul
RT: 23.050 min Scan# 3410
Delta R.T. -0.006 min
Lab File: BM049422.D
Acq: 23 Jan 2025 16:49

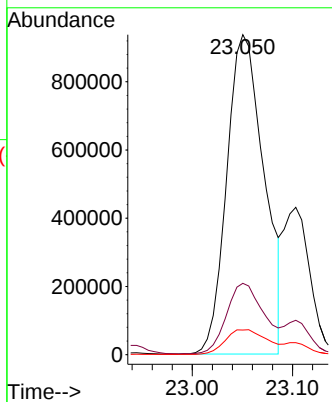
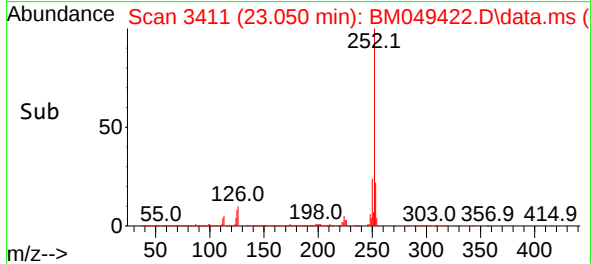
Instrument :
BNA_M
ClientSampleId :
DCZJ6DL



Tgt Ion:252 Resp: 2428009
Ion Ratio Lower Upper
252 100
253 22.3 17.4 26.2
125 7.7 6.6 9.8

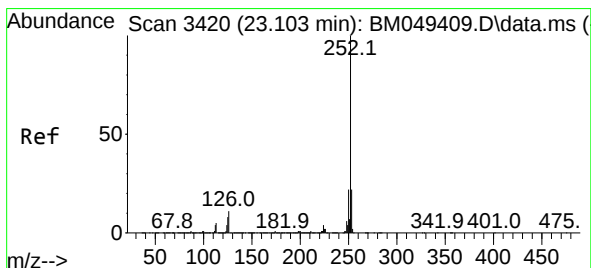
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 01/24/2025
Supervised By :mohammad ahmed 01/24/2025



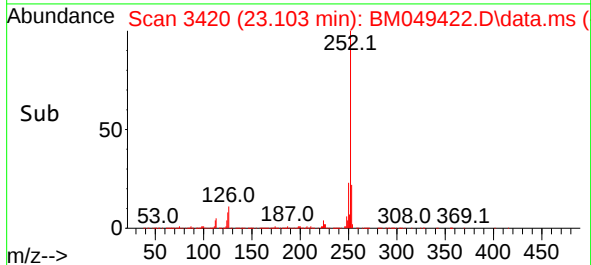
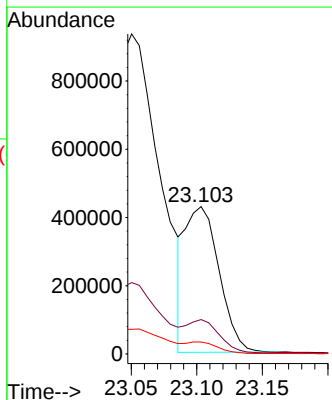
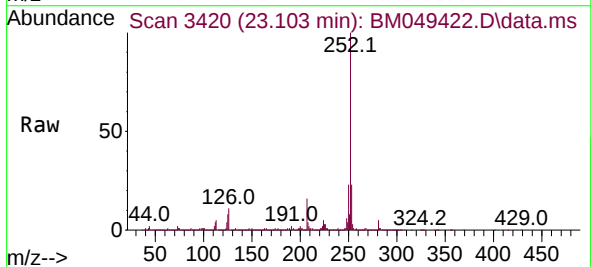
01/24/2025
Supervised By :mohammad
ahmed

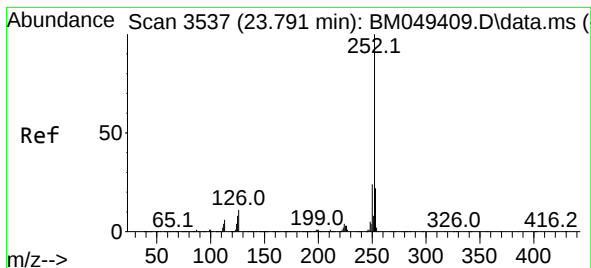
01/24/2025



#91
Benzo(k)fluoranthene
Concen: 12.328 ng/ul
RT: 23.103 min Scan# 3420
Delta R.T. -0.012 min
Lab File: BM049422.D
Acq: 23 Jan 2025 16:49

Tgt Ion:252 Resp: 766413
Ion Ratio Lower Upper
252 100
253 23.3 17.6 26.4
125 8.2 6.5 9.7





#93

Benzo(a)pyrene

Concen: 5.109 ng/ul

RT: 23.786 min Scan# 3536

Delta R.T. -0.012 min

Lab File: BM049422.D

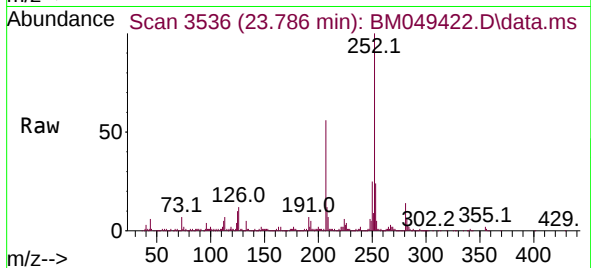
Acq: 23 Jan 2025 16:49

Instrument :

BNL_M

ClientSampleId :

DCZJ6DL



Tgt Ion:252 Resp: 28774

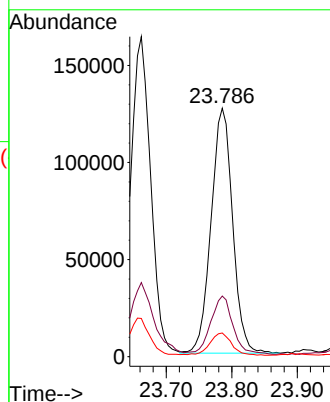
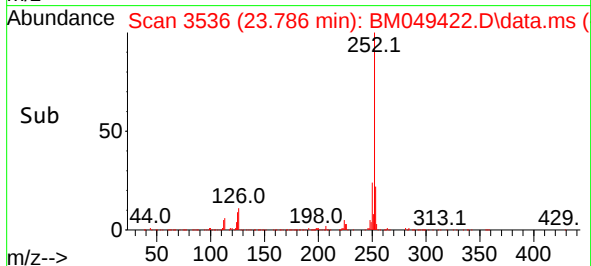
Ion	Ratio	Lower	Upper
252	100		
253	24.4	17.4	26.2
125	9.5	6.9	10.3

Manual Integrations

APPROVED

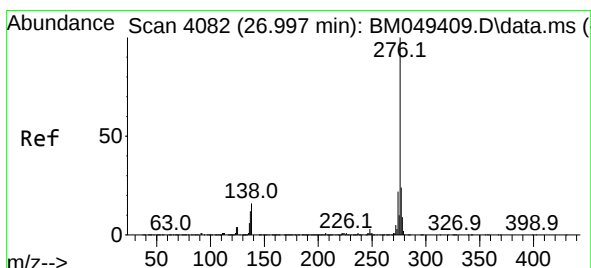
Reviewed By :Yogesh Patel 01/24/2025

Supervised By :mohammad ahmed 01/24/2025



01/24/2025
Supervised By :mohammad
ahmed

01/24/2025



#94

Indeno(1,2,3-cd)pyrene

Concen: 4.559 ng/ul

RT: 26.991 min Scan# 4081

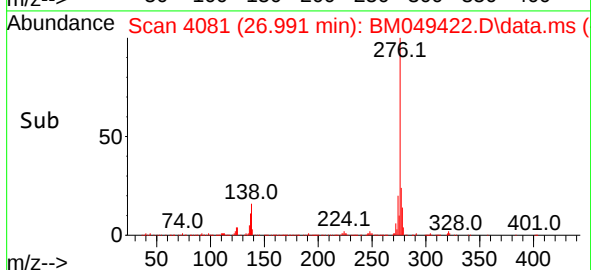
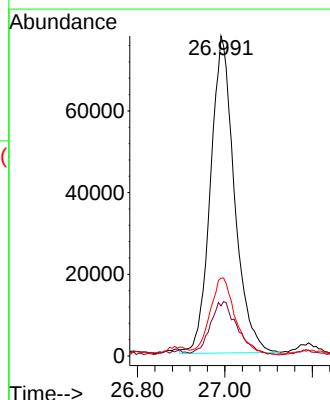
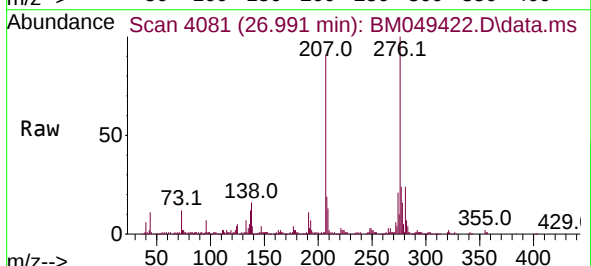
Delta R.T. -0.029 min

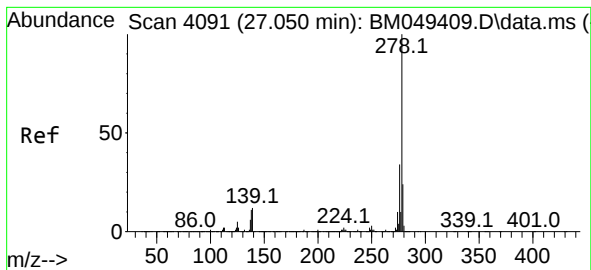
Lab File: BM049422.D

Acq: 23 Jan 2025 16:49

Tgt Ion:276 Resp: 294519

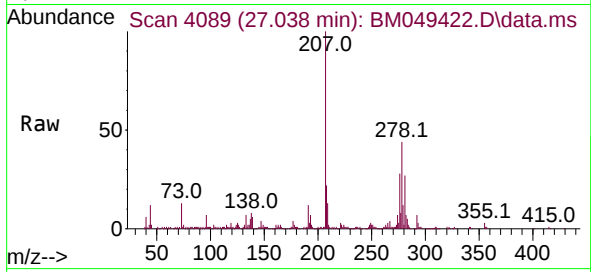
Ion	Ratio	Lower	Upper
276	100		
138	15.6	13.4	20.0
277	24.3	19.1	28.7





#95
 Dibenzo(a,h)anthracene
 Concen: 2.543 ng/ul
 RT: 27.038 min Scan# 4091
 Delta R.T. -0.035 min
 Lab File: BM049422.D
 Acq: 23 Jan 2025 16:49

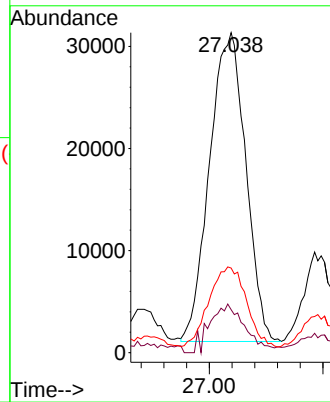
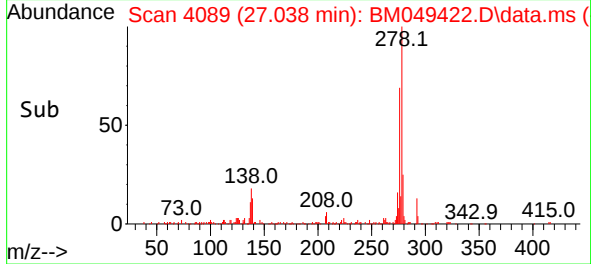
Instrument :
 BNA_M
 ClientSampleId :
 DCZJ6DL



Tgt Ion:278 Resp: 13380
 Ion Ratio Lower Upper
 278 100
 139 13.4 9.9 14.9
 279 26.4 19.4 29.0

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 01/24/2025
 Supervised By :mohammad ahmed 01/24/2025



01/24/2025
 Supervised By :mohammad
 ahmed

01/24/2025