

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM012825\
 Data File : BM049497.D
 Acq On : 29 Jan 2025 10:24
 Operator : RC/JU
 Sample : Q1139-07MEDL 5X
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DCZH4MEDL

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 01/29/2025
 Supervised By :mohammad ahmed 02/05/2025

Quant Time: Jan 30 08:48:18 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM012825.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Jan 28 14:45:18 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.511	152	141411	20.000	ng/u1	0.00
20) Naphthalene-d8	10.269	136	514859	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.151	164	318525	20.000	ng/u1	0.00
64) Phenanthrene-d10	16.904	188	654750	20.000	ng/u1	0.00
79) Chrysene-d12	21.133	240	693555	20.000	ng/u1	0.00
88) Perylene-d12	23.909	264	764436	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.117	96	3086	0.809	ng/uL	0.00
4) Pyridine-d5	3.517	84	39162	3.492	ng/u1	0.00
7) Phenol-d5	6.711	99	38064	3.317	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	6.864	67	31301	3.989	ng/u1	0.00
11) 2-Chlorophenol-d4	7.052	132	31932	3.596	ng/u1	0.00
15) 4-Methylphenol-d8	8.234	113	26208	3.117	ng/u1	0.00
21) Nitrobenzene-d5	8.658	128	13677m	3.472	ng/u1	0.00
24) 2-Nitrophenol-d4	9.369	143	11738	2.732	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	9.916	165	22921	2.614	ng/u1	0.01
31) 4-Chloroaniline-d4	10.428	131	31895	2.836	ng/u1	0.00
46) Dimethylphthalate-d6	13.575	166	98247	4.207	ng/u1	0.00
49) Acenaphthylene-d8	13.840	160	108811	3.965	ng/u1	0.00
54) 4-Nitrophenol-d4	0.000	143	0d	0.000	ng/u1	0.00
60) Fluorene-d10	15.151	176	86518	4.213	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	0.000	200	0d	0.000	ng/u1	0.00
73) Anthracene-d10	17.004	188	139767	4.275	ng/u1	0.00
81) Pyrene-d10	19.310	212	168844	4.164	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.721	264	159113	3.903	ng/u1	0.00
Target Compounds						
					Qvalue	
30) Naphthalene	10.322	128	380680	13.887	ng/u1	100
36) 2-Methylnaphthalene	11.946	142	86808	4.643	ng/u1	99
37) 1-Methylnaphthalene	12.169	142	40757	2.211	ng/u1	99
52) Acenaphthene	14.216	153	93050	4.623	ng/u1	97
61) Fluorene	15.210	166	102359	4.414	ng/u1	97
72) Phenanthrene	16.945	178	757186	20.544	ng/u1	100
74) Anthracene	17.039	178	65963	1.777	ng/u1	97
80) Fluoranthene	18.974	202	405630	8.759	ng/u1	99
82) Pyrene	19.339	202	275977	5.539	ng/u1	99
85) Benzo(a)anthracene	21.121	228	60552	1.243	ng/u1	98
87) Chrysene	21.174	228	49766	1.100	ng/u1	97

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

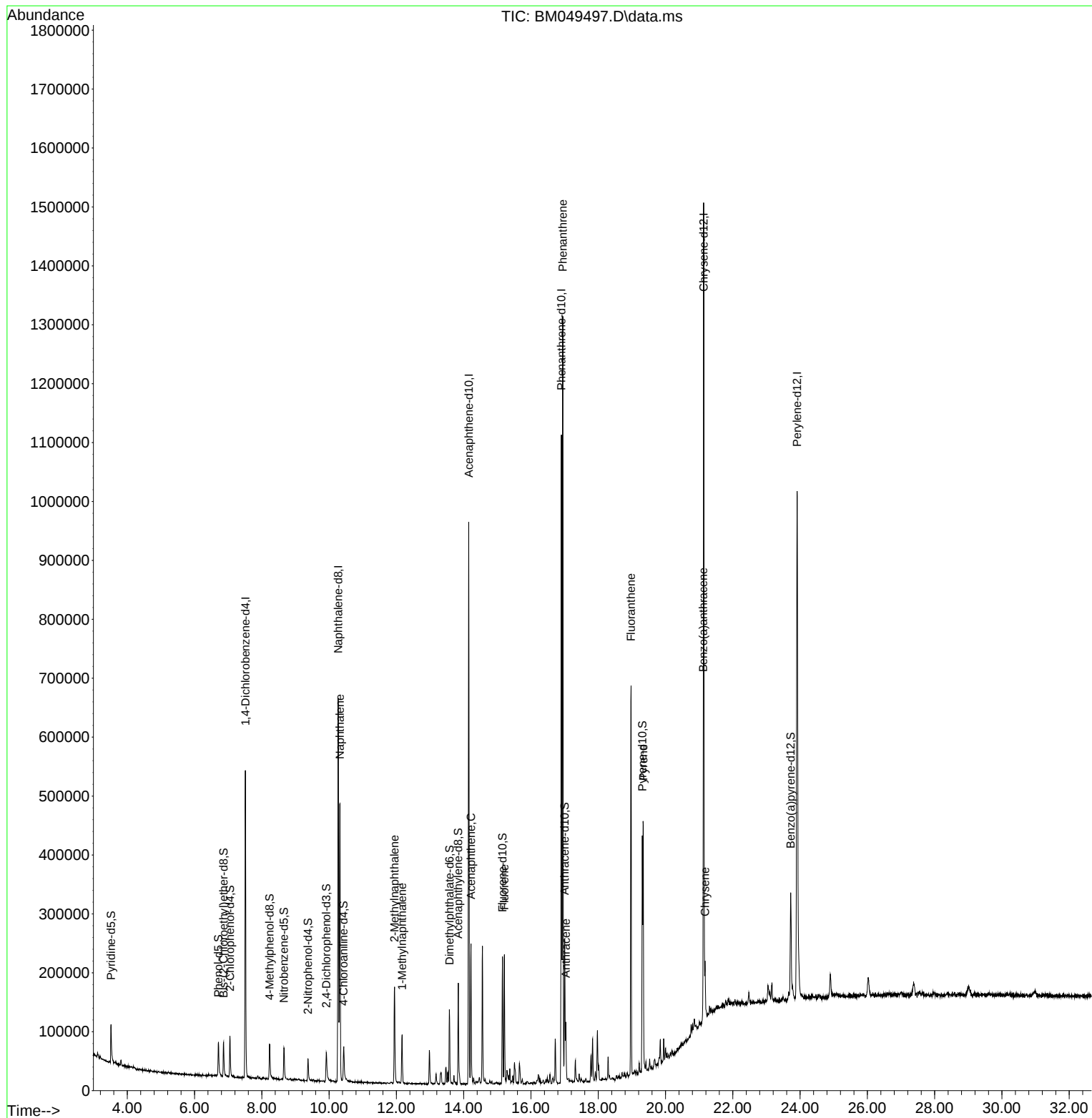
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM012825\
Data File : BM049497.D
Acq On : 29 Jan 2025 10:24
Operator : RC/JU
Sample : Q1139-07MEDL 5X
Misc :
ALS Vial : 29 Sample Multiplier: 1

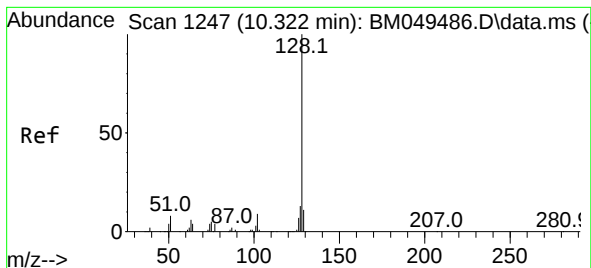
Instrument :
BNA_M
ClientSampleId :
DCZH4MEDL

Quant Time: Jan 30 08:48:18 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM012825.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Jan 28 14:45:18 2025
Response via : Initial Calibration

Manual Integrations
APPROVED

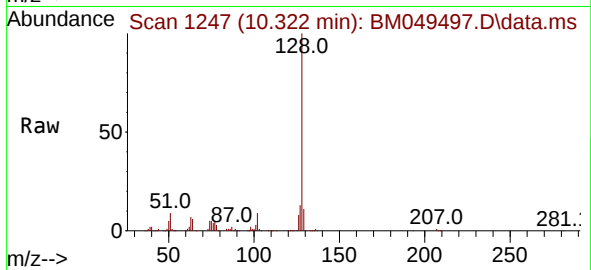
Reviewed By :Jagrut Upadhyay 01/29/2025
Supervised By :mohammad ahmed 02/05/2025





#30
Naphthalene
Concen: 13.887 ng/ul
RT: 10.322 min Scan# 1247
Delta R.T. 0.000 min
Lab File: BM049497.D
Acq: 29 Jan 2025 10:24

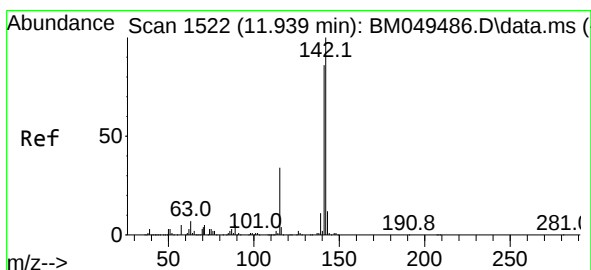
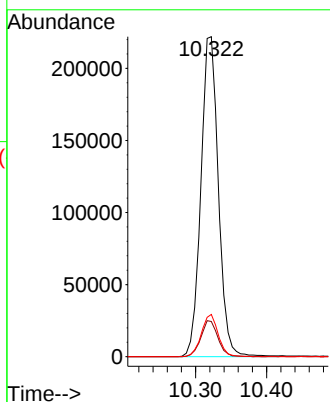
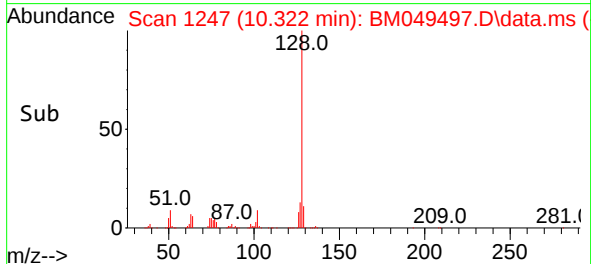
Instrument :
BNA_M
ClientSampleId :
DCZH4MEDL



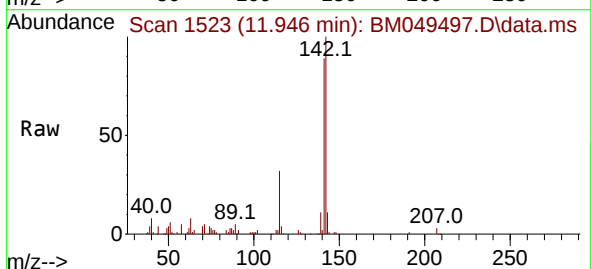
Tgt Ion:128 Resp: 380680
Ion Ratio Lower Upper
128 100
129 11.0 8.8 13.2
127 13.2 10.6 15.8

Manual Integrations
APPROVED

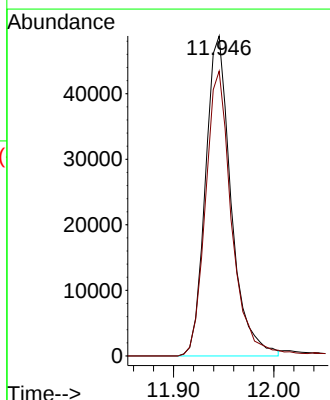
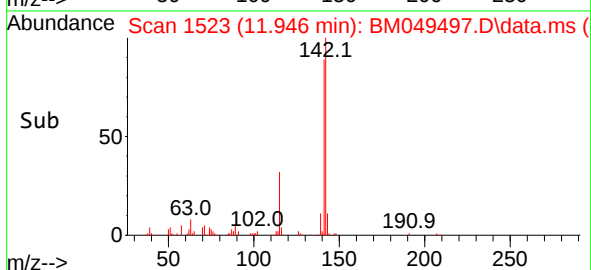
Reviewed By :Jagrut Upadhyay 01/29/2025
Supervised By :mohammad ahmed 02/05/2025

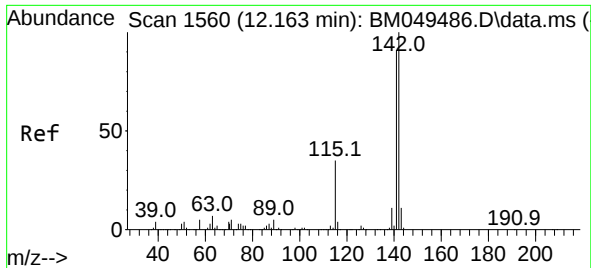


#36
2-Methylnaphthalene
Concen: 4.643 ng/ul
RT: 11.946 min Scan# 1523
Delta R.T. 0.000 min
Lab File: BM049497.D
Acq: 29 Jan 2025 10:24



Tgt Ion:142 Resp: 86808
Ion Ratio Lower Upper
142 100
141 89.0 70.4 105.6





#37
1-Methylnaphthalene
Concen: 2.211 ng/ul
RT: 12.169 min Scan# 11
Delta R.T. 0.006 min
Lab File: BM049497.D
Acq: 29 Jan 2025 10:24

Instrument :

BNA_M

ClientSampleId :

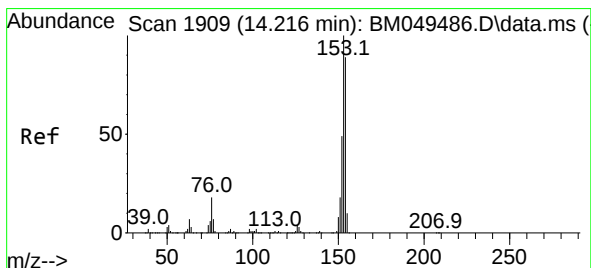
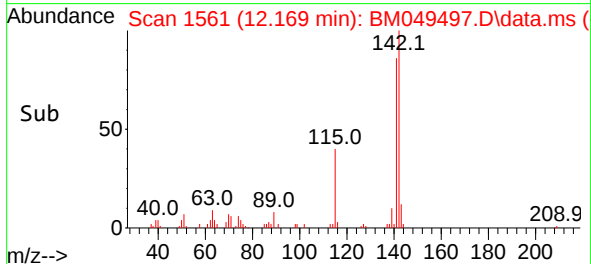
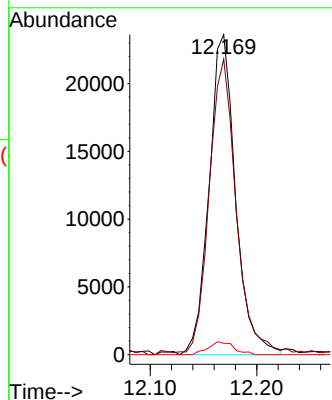
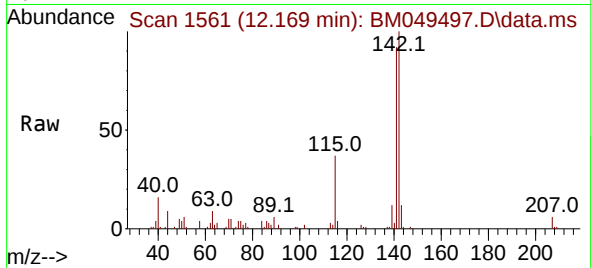
DCZH4MEDL

Tgt Ion:142 Resp: 4075
Ion Ratio Lower Upper
142 100
141 92.4 72.8 109.2
116 3.6 3.0 4.6

Manual Integrations

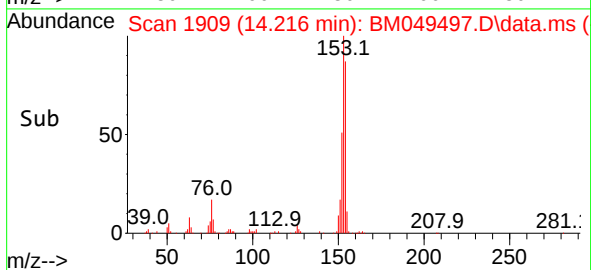
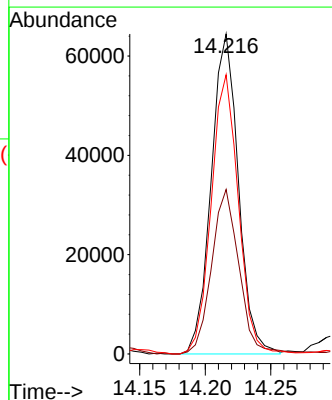
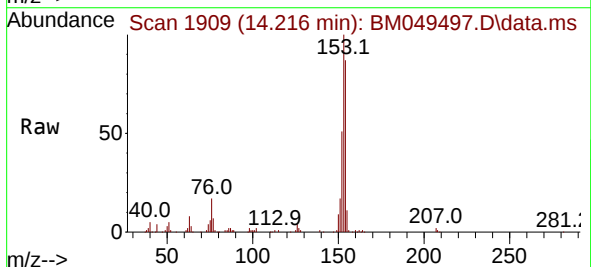
APPROVED

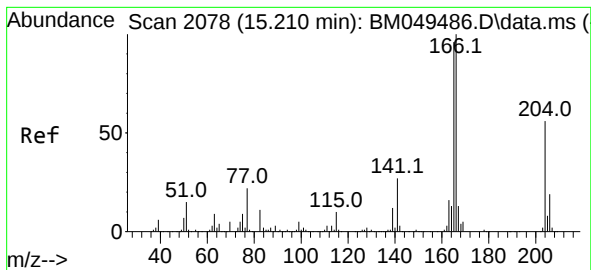
Reviewed By :Jagrut Upadhyay 01/29/2025
Supervised By :mohammad ahmed 02/05/2025



#52
Acenaphthene
Concen: 4.623 ng/ul
RT: 14.216 min Scan# 1909
Delta R.T. 0.000 min
Lab File: BM049497.D
Acq: 29 Jan 2025 10:24

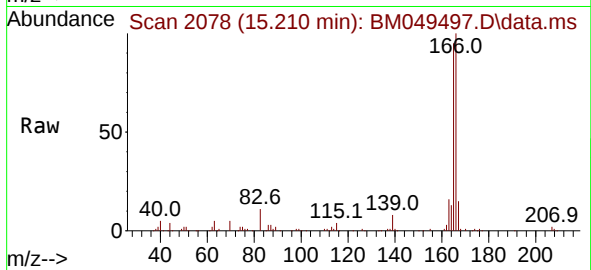
Tgt Ion:153 Resp: 93050
Ion Ratio Lower Upper
153 100
152 51.4 39.0 58.4
154 87.2 71.5 107.3





#61
 Fluorene
 Concen: 4.414 ng/u1
 RT: 15.210 min Scan# 2078
 Delta R.T. 0.000 min
 Lab File: BM049497.D
 Acq: 29 Jan 2025 10:24

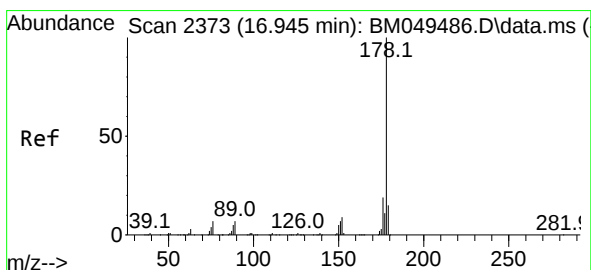
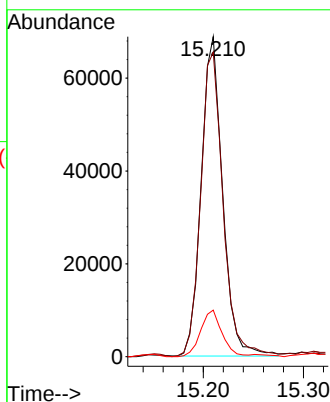
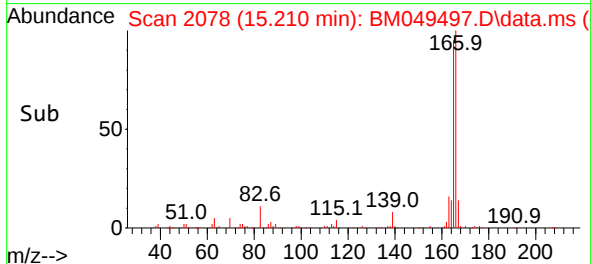
Instrument :
 BNA_M
 ClientSampleId :
 DCZH4MEDL



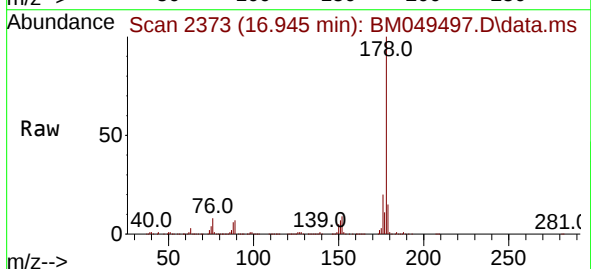
Tgt Ion:166 Resp: 102359
 Ion Ratio Lower Upper
 166 100
 165 95.2 78.5 117.7
 167 14.5 10.7 16.1

Manual Integrations
 APPROVED

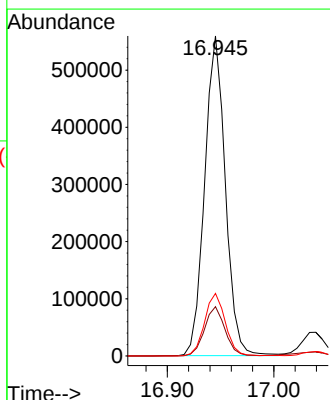
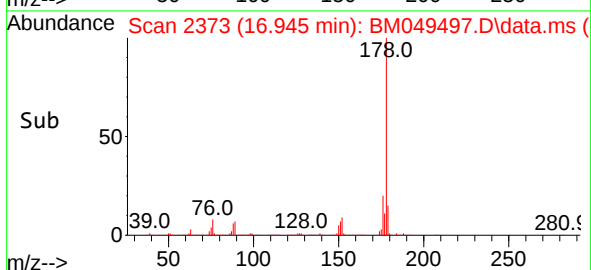
Reviewed By :Jagrut Upadhyay 01/29/2025
 Supervised By :mohammad ahmed 02/05/2025

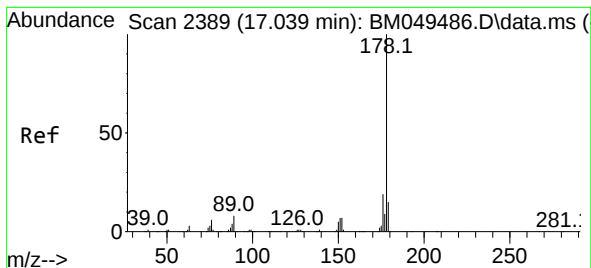


#72
 Phenanthrene
 Concen: 20.544 ng/u1
 RT: 16.945 min Scan# 2373
 Delta R.T. 0.000 min
 Lab File: BM049497.D
 Acq: 29 Jan 2025 10:24



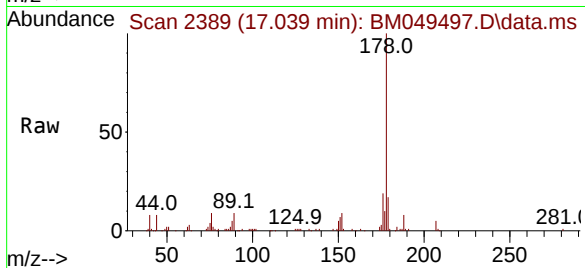
Tgt Ion:178 Resp: 757186
 Ion Ratio Lower Upper
 178 100
 179 15.4 12.4 18.6
 176 19.6 15.6 23.4





#74
 Anthracene
 Concen: 1.777 ng/ul
 RT: 17.039 min Scan# 2389
 Delta R.T. 0.000 min
 Lab File: BM049497.D
 Acq: 29 Jan 2025 10:24

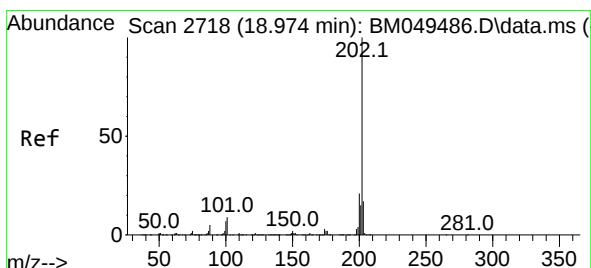
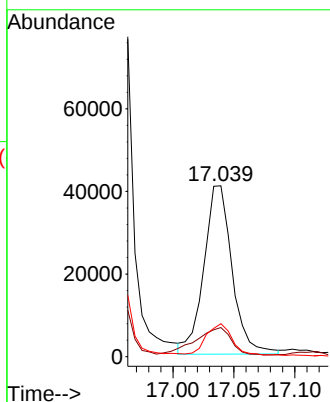
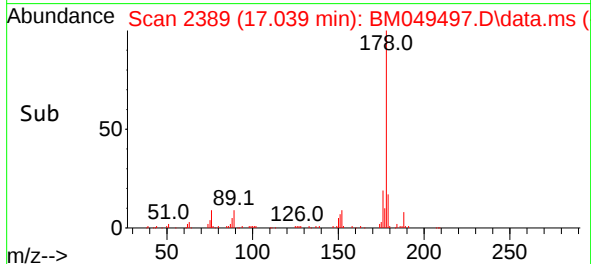
Instrument :
 BNA_M
 ClientSampleId :
 DCZH4MEDL



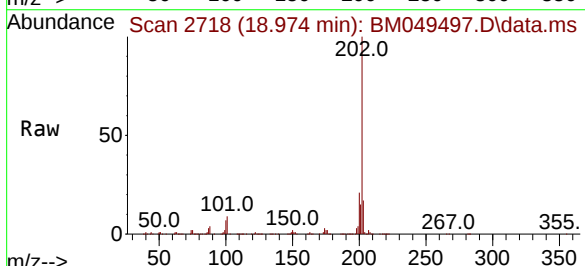
Tgt Ion:178 Resp: 65963
 Ion Ratio Lower Upper
 178 100
 179 17.1 12.2 18.4
 176 19.3 15.0 22.4

Manual Integrations
 APPROVED

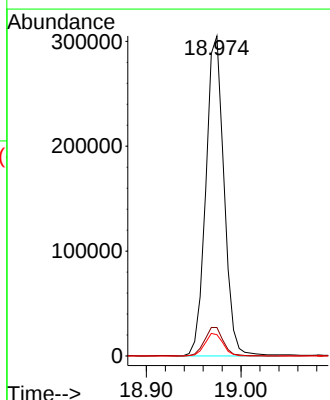
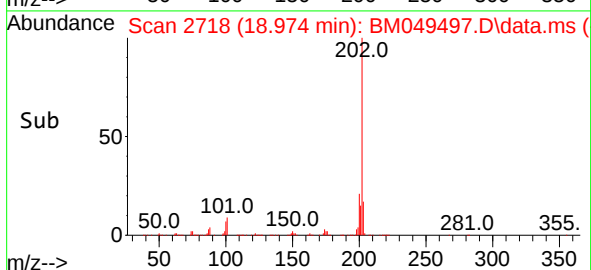
Reviewed By :Jagrut Upadhyay 01/29/2025
 Supervised By :mohammad ahmed 02/05/2025

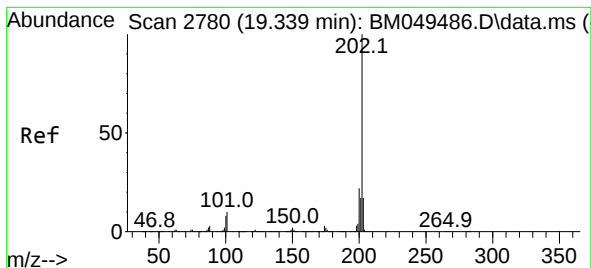


#80
 Fluoranthene
 Concen: 8.759 ng/ul
 RT: 18.974 min Scan# 2718
 Delta R.T. 0.000 min
 Lab File: BM049497.D
 Acq: 29 Jan 2025 10:24



Tgt Ion:202 Resp: 405630
 Ion Ratio Lower Upper
 202 100
 101 8.9 6.9 10.3
 100 6.7 5.1 7.7





#82

Pyrene

Concen: 5.539 ng/ul

RT: 19.339 min Scan# 21

Delta R.T. 0.000 min

Lab File: BM049497.D

Acq: 29 Jan 2025 10:24

Instrument :

BNA_M

ClientSampleId :

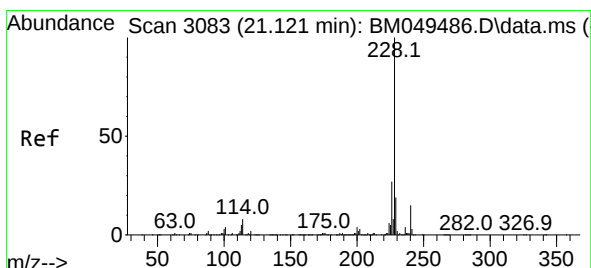
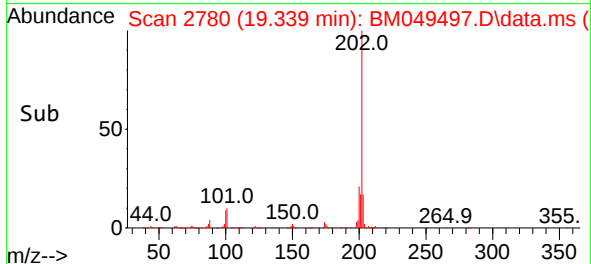
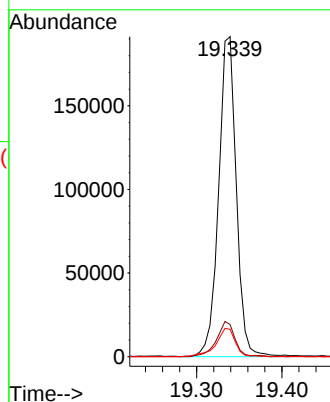
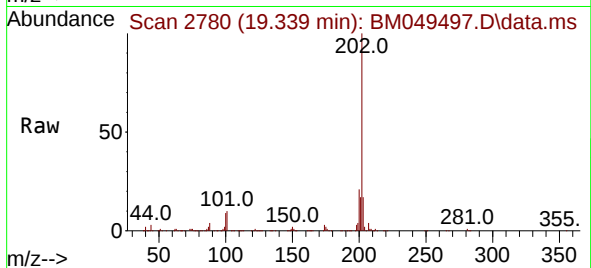
DCZH4MEDL

Tgt Ion:202 Resp: 27597
 Ion Ratio Lower Upper
 202 100
 101 10.1 8.3 12.5
 100 8.6 6.6 9.8

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 01/29/2025
 Supervised By :mohammad ahmed 02/05/2025



#85

Benzo(a)anthracene

Concen: 1.243 ng/ul

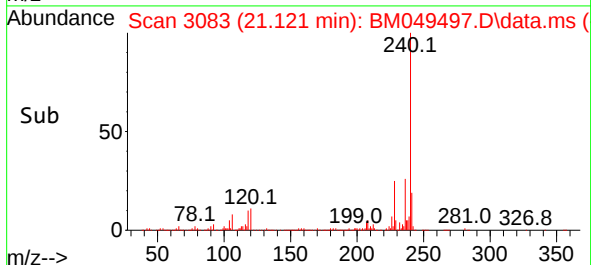
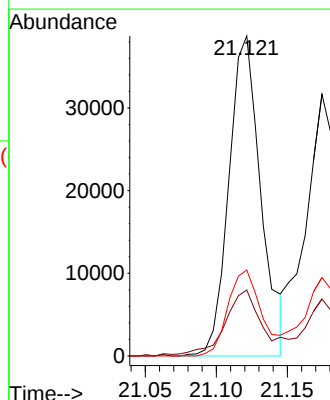
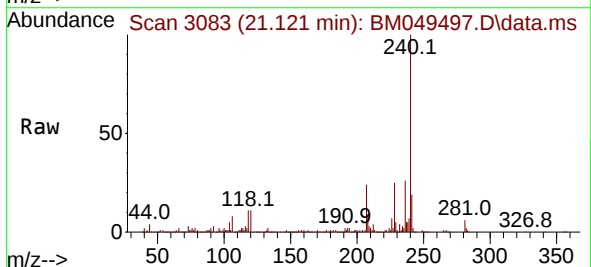
RT: 21.121 min Scan# 3083

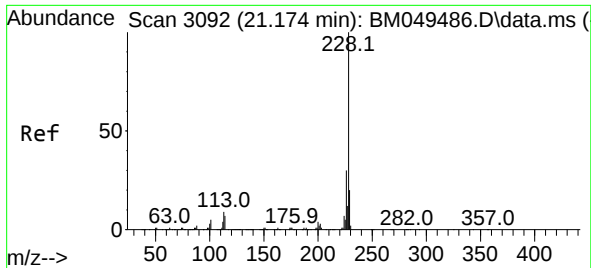
Delta R.T. 0.006 min

Lab File: BM049497.D

Acq: 29 Jan 2025 10:24

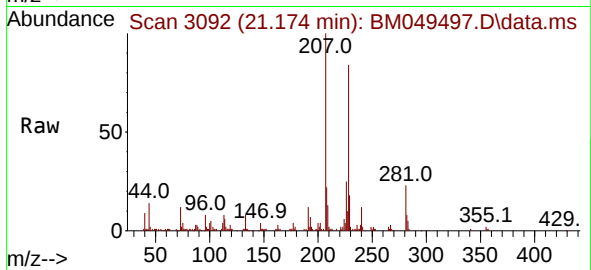
Tgt Ion:228 Resp: 60552
 Ion Ratio Lower Upper
 228 100
 229 20.6 15.7 23.5
 226 26.8 22.1 33.1





#87
 Chrysene
 Concen: 1.100 ng/ul
 RT: 21.174 min Scan# 3092
 Delta R.T. 0.000 min
 Lab File: BM049497.D
 Acq: 29 Jan 2025 10:24

Instrument :
 BNA_M
 ClientSampleId :
 DCZH4MEDL



Tgt Ion:228 Resp: 49760
 Ion Ratio Lower Upper
 228 100
 226 30.0 24.6 37.0
 229 21.8 15.9 23.9

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 01/29/2025
 Supervised By :mohammad ahmed 02/05/2025

