

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM013025\
 Data File : BM049533.D
 Acq On : 30 Jan 2025 19:11
 Operator : RC/JU
 Sample : Q1189-20
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A44S1

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 01/31/2025
 Supervised By :mohammad ahmed 02/04/2025

Quant Time: Jan 31 07:45:12 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	7.510	152	288966	20.000	ng/u1	0.00
20) Naphthalene-d8	10.269	136	1111093	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.151	164	744820	20.000	ng/u1	0.00
64) Phenanthrene-d10	16.909	188	1521913	20.000	ng/u1	0.00
79) Chrysene-d12	21.139	240	1547971	20.000	ng/u1	0.00
88) Perylene-d12	23.927	264	1645559	20.000	ng/u1	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.110	96	16446	2.109	ng/uL	-0.01
4) Pyridine-d5	3.510	84	81831	3.571	ng/u1	0.00
7) Phenol-d5	6.728	99	323555	13.798	ng/u1	0.02
9) Bis-(2-Chloroethyl)eth...	6.857	67	204180	12.734	ng/u1	0.00
11) 2-Chlorophenol-d4	7.057	132	266892	14.708	ng/u1	0.00
15) 4-Methylphenol-d8	8.239	113	180650	10.515	ng/u1	0.01
21) Nitrobenzene-d5	8.651	128	121676	14.314	ng/u1	0.00
24) 2-Nitrophenol-d4	9.369	143	139977	15.097	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	9.922	165	266075	14.063	ng/u1	0.02
31) 4-Chloroaniline-d4	10.428	131	82212m	3.387	ng/u1	0.00
46) Dimethylphthalate-d6	13.574	166	790850	14.481	ng/u1	0.00
49) Acenaphthylene-d8	13.839	160	849760	13.243	ng/u1	0.00
54) 4-Nitrophenol-d4	14.427	143	114252	12.753	ng/u1	0.05
60) Fluorene-d10	15.151	176	650078	13.536	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.286	200	104487	10.895	ng/u1	0.00
73) Anthracene-d10	17.004	188	940647	12.377	ng/u1	0.00
81) Pyrene-d10	19.309	212	961865	10.629	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.733	264	598680	6.821	ng/u1	0.00
Target Compounds						
					Qvalue	
8) Phenol	6.757	94	46743m	1.899	ng/u1	
16) Acetophenone	8.328	105	140306	4.911	ng/u1	99
72) Phenanthrene	16.951	178	130436	1.523	ng/u1	99
80) Fluoranthene	18.974	202	257534	2.492	ng/u1	98
82) Pyrene	19.339	202	198381	1.784	ng/u1	99
85) Benzo(a)anthracene	21.121	228	163024	1.499	ng/u1	96
87) Chrysene	21.180	228	171862	1.702	ng/u1	97
90) Benzo(b)fluoranthene	23.050	252	216490	2.030	ng/u1#	93

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

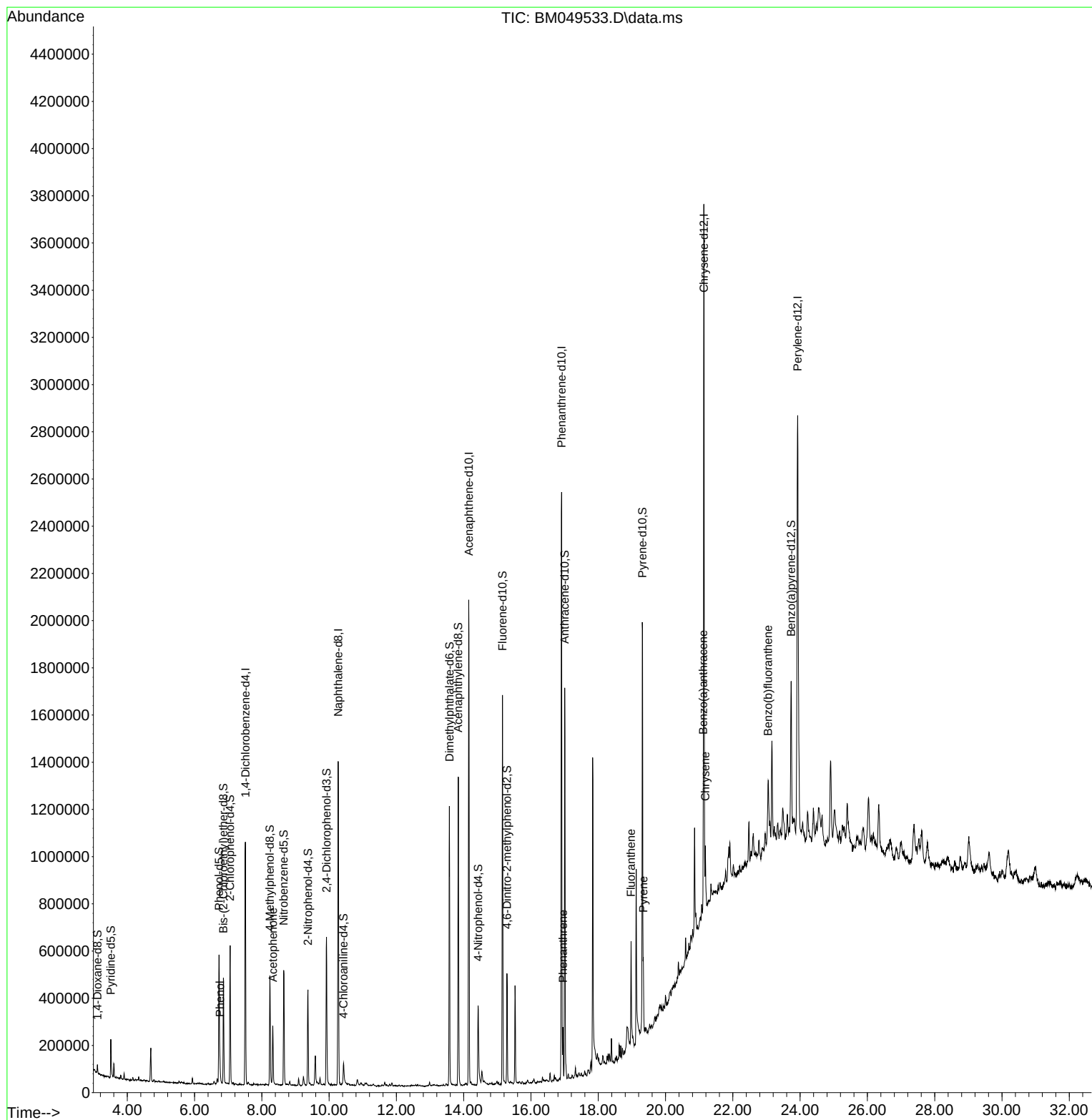
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM013025\
Data File : BM049533.D
Acq On : 30 Jan 2025 19:11
Operator : RC/JU
Sample : Q1189-20
Misc :
ALS Vial : 13 Sample Multiplier: 1

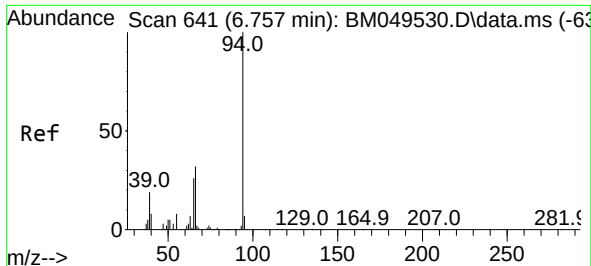
Instrument :
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Supervised By :mohammad ahmed 02/04/2025

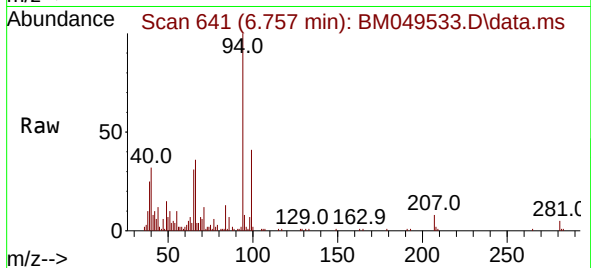
Quant Time: Jan 31 07:45:12 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM012825.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Jan 28 14:45:18 2025
Response via : Initial Calibration





#8
Phenol
Concen: 1.899 ng/ul m
RT: 6.757 min Scan# 641
Delta R.T. 0.023 min
Lab File: BM049533.D
Acq: 30 Jan 2025 19:11

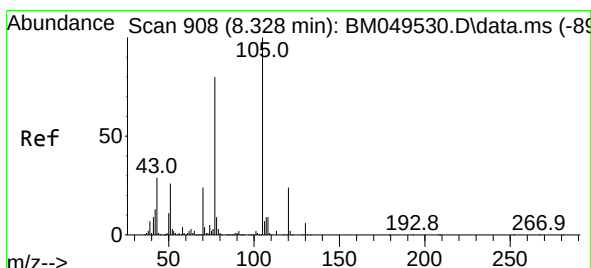
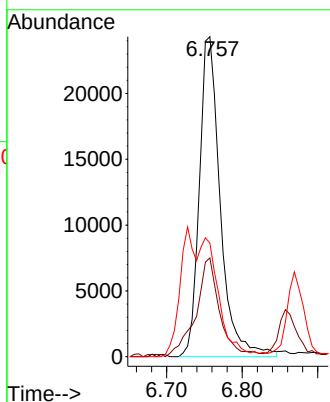
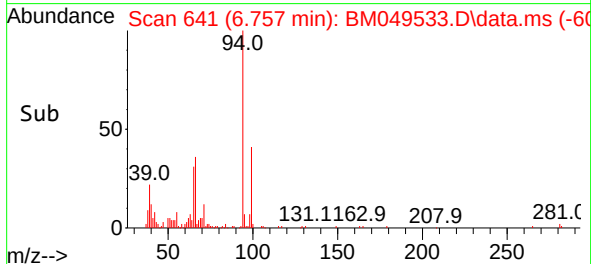
Instrument :
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ClientSampleId :
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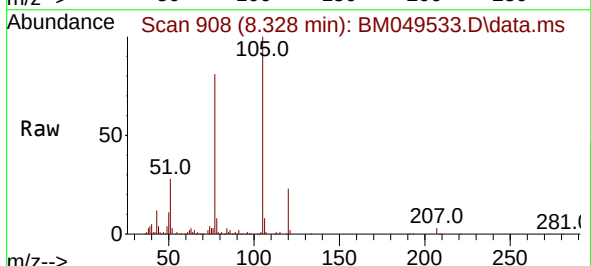
Tgt Ion: 94 Resp: 4674
Ion Ratio Lower Upper
94 100
65 30.8 23.4 35.0
66 35.5 27.8 41.8

Manual Integrations
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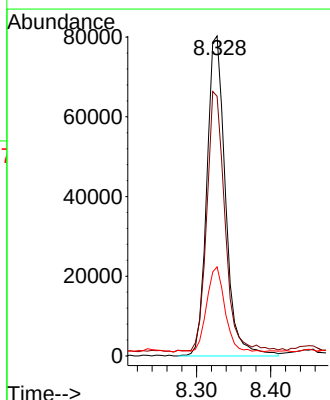
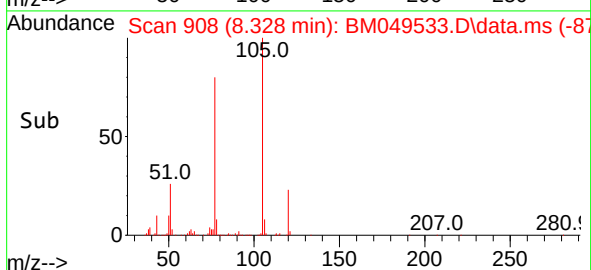
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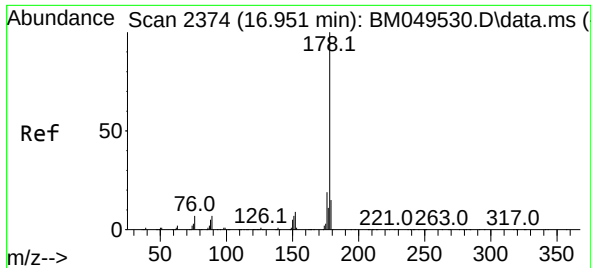


#16
Acetophenone
Concen: 4.911 ng/ul
RT: 8.328 min Scan# 908
Delta R.T. -0.000 min
Lab File: BM049533.D
Acq: 30 Jan 2025 19:11



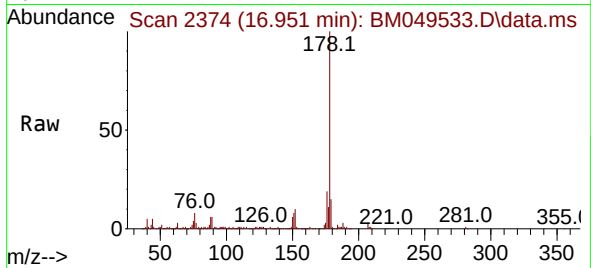
Tgt Ion:105 Resp: 140306
Ion Ratio Lower Upper
105 100
77 81.1 64.6 97.0
51 27.8 23.3 34.9





#72
Phenanthrene
Concen: 1.523 ng/ul
RT: 16.951 min Scan# 21
Delta R.T. 0.006 min
Lab File: BM049533.D
Acq: 30 Jan 2025 19:11

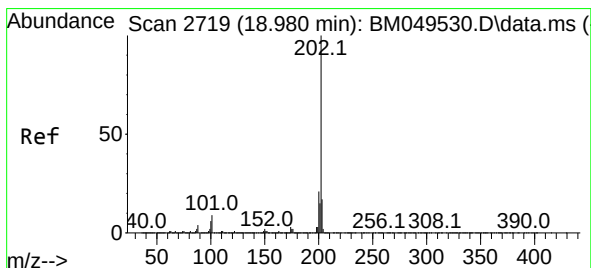
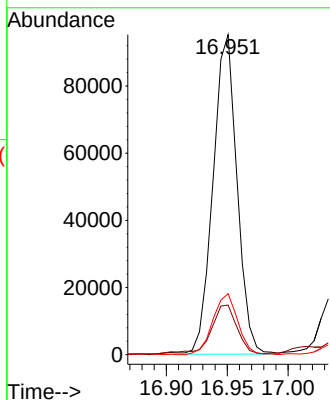
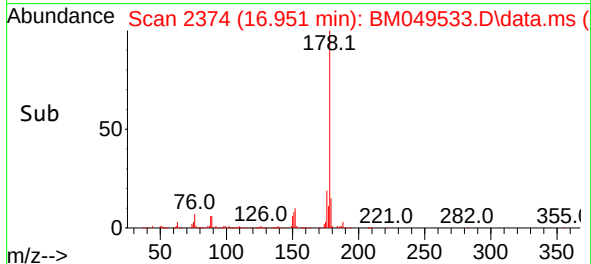
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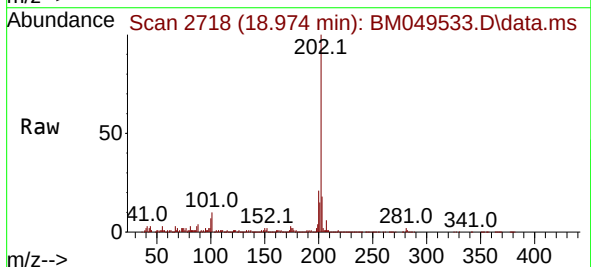
Tgt Ion:178 Resp: 130430
Ion Ratio Lower Upper
178 100
179 15.5 12.4 18.6
176 19.0 15.6 23.4

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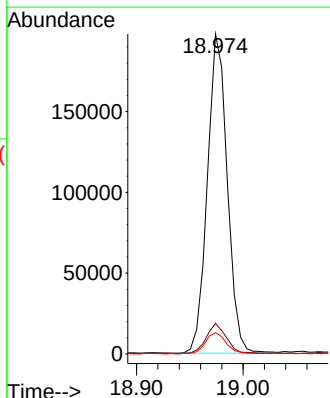
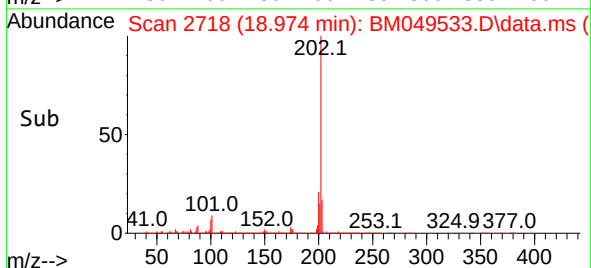
Reviewed By :Jagrut Upadhyay 01/31/2025
Supervised By :mohammad ahmed 02/04/2025

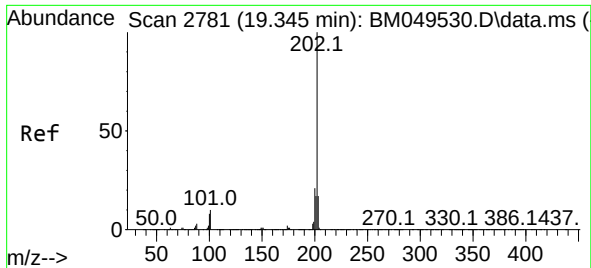


#80
Fluoranthene
Concen: 2.492 ng/ul
RT: 18.974 min Scan# 2718
Delta R.T. -0.000 min
Lab File: BM049533.D
Acq: 30 Jan 2025 19:11



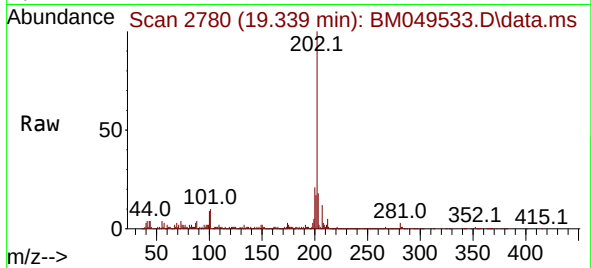
Tgt Ion:202 Resp: 257534
Ion Ratio Lower Upper
202 100
101 9.5 6.9 10.3
100 6.6 5.1 7.7





#82
 Pyrene
 Concen: 1.784 ng/ul
 RT: 19.339 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: BM049533.D
 Acq: 30 Jan 2025 19:11

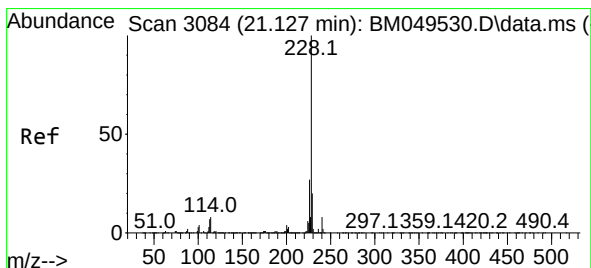
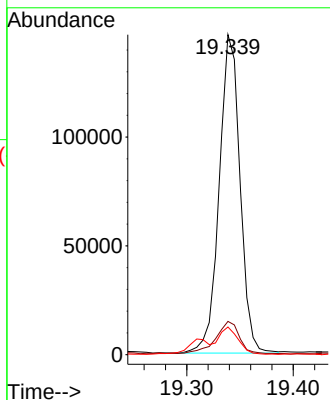
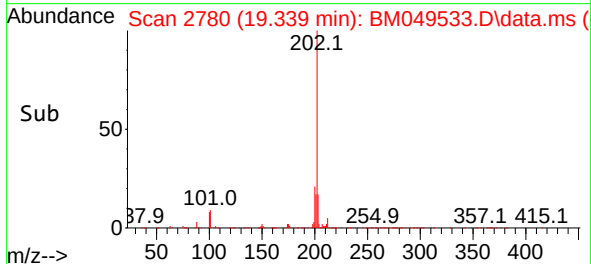
Instrument :
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Tgt Ion:202 Resp: 19838
 Ion Ratio Lower Upper
 202 100
 101 10.4 8.3 12.5
 100 8.7 6.6 9.8

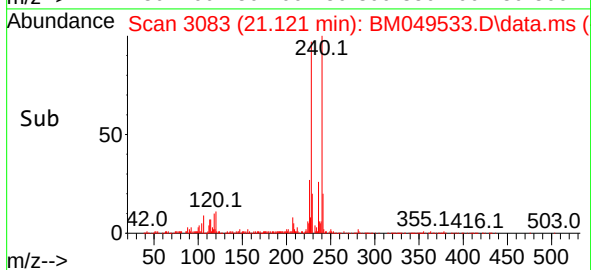
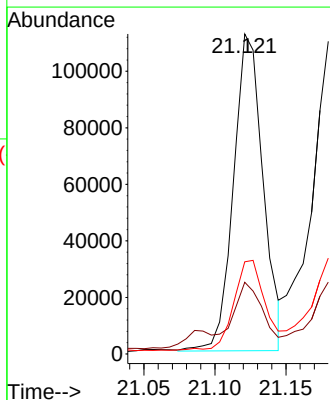
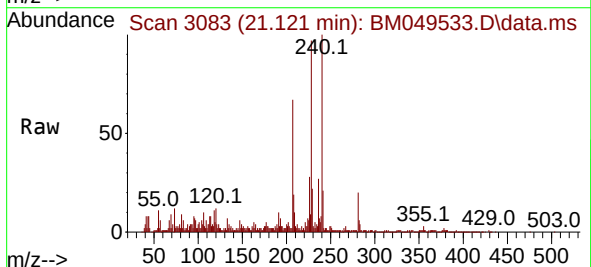
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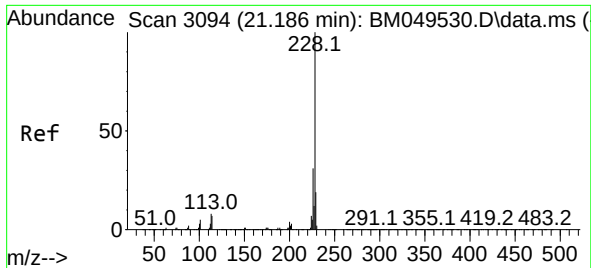
Reviewed By :Jagrut Upadhyay 01/31/2025
 Supervised By :mohammad ahmed 02/04/2025



#85
 Benzo(a)anthracene
 Concen: 1.499 ng/ul
 RT: 21.121 min Scan# 3083
 Delta R.T. 0.006 min
 Lab File: BM049533.D
 Acq: 30 Jan 2025 19:11

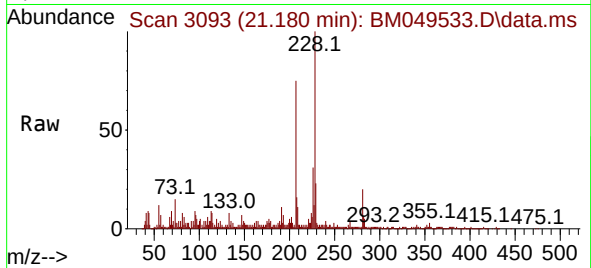
Tgt Ion:228 Resp: 163024
 Ion Ratio Lower Upper
 228 100
 229 22.4 15.7 23.5
 226 28.8 22.1 33.1





#87
Chrysene
Concen: 1.702 ng/ul
RT: 21.180 min Scan# 3093
Delta R.T. 0.006 min
Lab File: BM049533.D
Acq: 30 Jan 2025 19:11

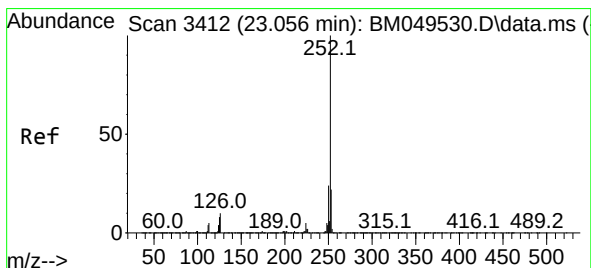
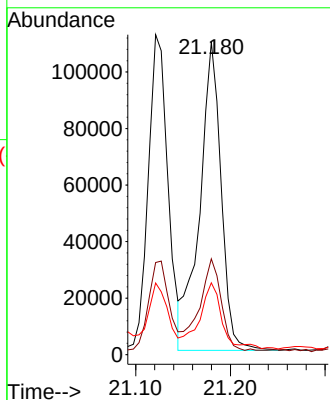
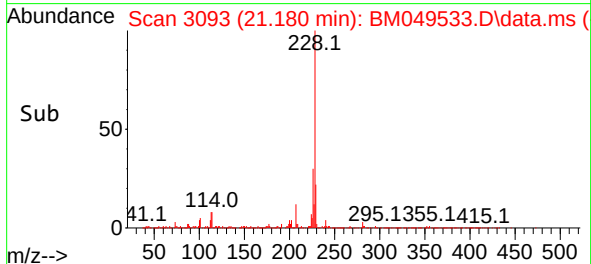
Instrument :
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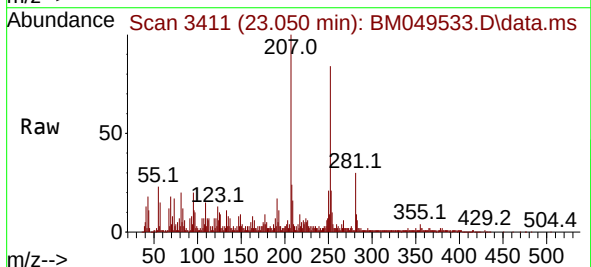
Tgt Ion:228 Resp: 171862
Ion Ratio Lower Upper
228 100
226 30.7 24.6 37.0
229 23.0 15.9 23.9

Manual Integrations
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Supervised By :mohammad ahmed 02/04/2025



#90
Benzo(b)fluoranthene
Concen: 2.030 ng/ul
RT: 23.050 min Scan# 3411
Delta R.T. 0.006 min
Lab File: BM049533.D
Acq: 30 Jan 2025 19:11



Tgt Ion:252 Resp: 216490
Ion Ratio Lower Upper
252 100
253 24.4 17.6 26.4
125 12.3 6.3 9.5

