

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM013025\
 Data File : BM049524.D
 Acq On : 30 Jan 2025 13:04
 Operator : RC/JU
 Sample : Q1189-15
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A44R6

Manual Integrations
 APPROVED

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

Quant Time: Jan 30 13:38:49 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	7.504	152	235692	20.000	ng/u1	0.00
20) Naphthalene-d8	10.269	136	847419	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.151	164	520031	20.000	ng/u1	0.00
64) Phenanthrene-d10	16.904	188	1000187	20.000	ng/u1	0.00
79) Chrysene-d12	21.133	240	952024	20.000	ng/u1	0.00
88) Perylene-d12	23.909	264	995352	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.116	96	16483	2.591	ng/uL	0.00
4) Pyridine-d5	3.516	84	46832	2.506	ng/u1	0.00
7) Phenol-d5	6.728	99	288516	15.085	ng/u1	0.02
9) Bis-(2-Chloroethyl)eth...	6.857	67	194942	14.906	ng/u1	0.00
11) 2-Chlorophenol-d4	7.057	132	233155	15.754	ng/u1	0.00
15) 4-Methylphenol-d8	8.240	113	166589	11.888	ng/u1	0.01
21) Nitrobenzene-d5	8.651	128	102607	15.827	ng/u1	0.00
24) 2-Nitrophenol-d4	9.369	143	114723	16.223	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	9.916	165	219807	15.232	ng/u1	0.01
31) 4-Chloroaniline-d4	10.422	131	148918	8.045	ng/u1	0.00
46) Dimethylphthalate-d6	13.569	166	633253	16.608	ng/u1	0.00
49) Acenaphthylene-d8	13.839	160	691369	15.432	ng/u1	0.00
54) 4-Nitrophenol-d4	14.433	143	66055	10.561	ng/u1	0.05
60) Fluorene-d10	15.151	176	524691	15.648	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.280	200	66012	10.474	ng/u1	0.00
73) Anthracene-d10	16.998	188	733187	14.679	ng/u1	0.00
81) Pyrene-d10	19.309	212	747114	13.424	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.721	264	464312	8.746	ng/u1	0.00
Target Compounds					Qvalue	
5) Pyridine	3.540	79	20377	1.063	ng/u1#	66
8) Phenol	6.751	94	35176	1.752	ng/u1	95
16) Acetophenone	8.322	105	83659	3.590	ng/u1	98
80) Fluoranthene	18.968	202	175715	2.764	ng/u1	99
82) Pyrene	19.333	202	156103	2.282	ng/u1	99
85) Benzo(a)anthracene	21.115	228	102407	1.531	ng/u1	99
87) Chrysene	21.174	228	118135	1.902	ng/u1	98
90) Benzo(b)fluoranthene	23.044	252	187366	2.904	ng/u1	96
91) Benzo(k)fluoranthene	23.097	252	69351m	1.064	ng/u1	

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

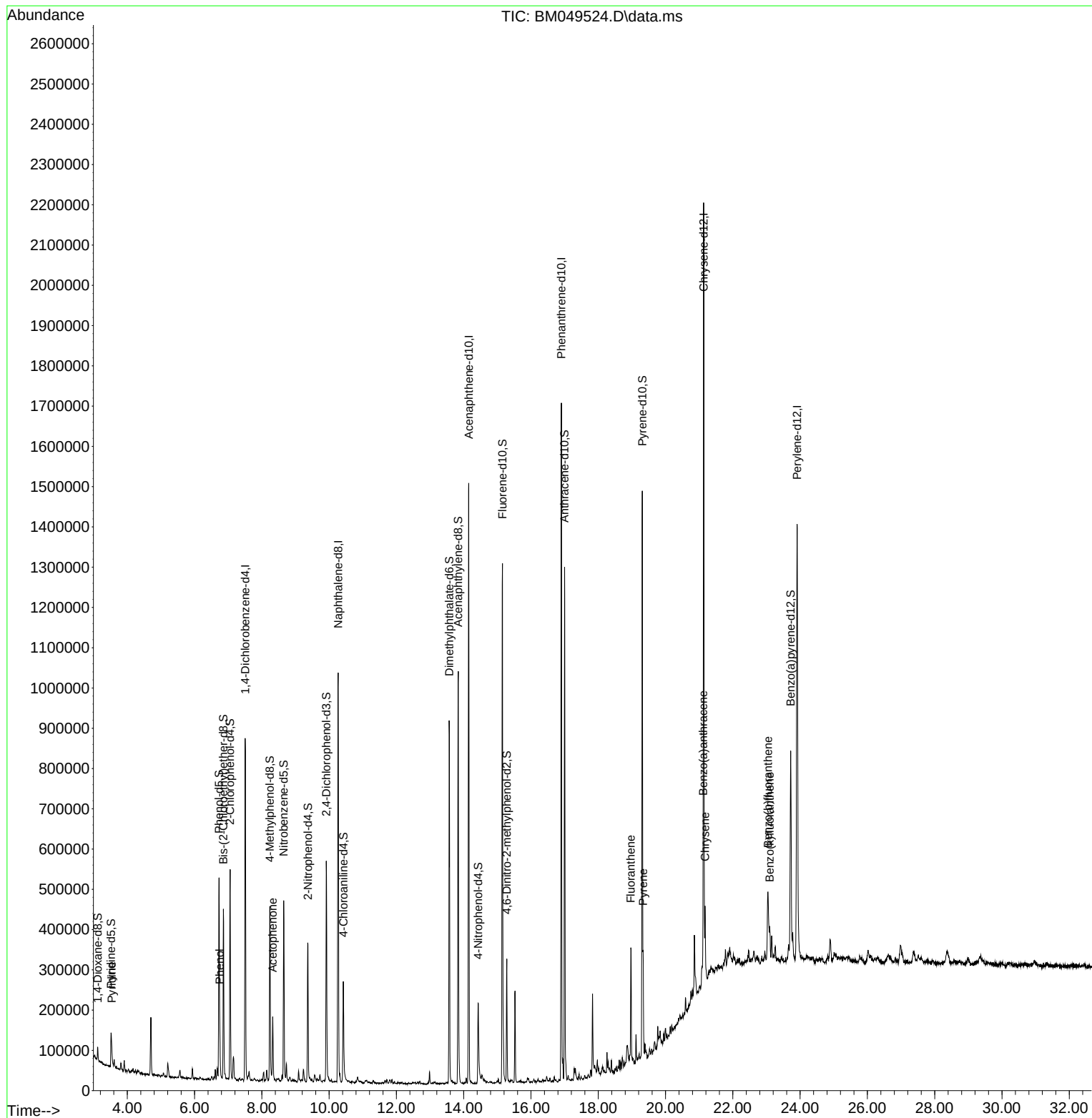
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM013025\
Data File : BM049524.D
Acq On : 30 Jan 2025 13:04
Operator : RC/JU
Sample : Q1189-15
Misc :
ALS Vial : 6 Sample Multiplier: 1

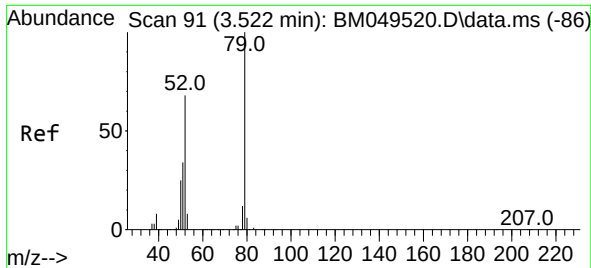
Instrument :
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ClientSampleId :
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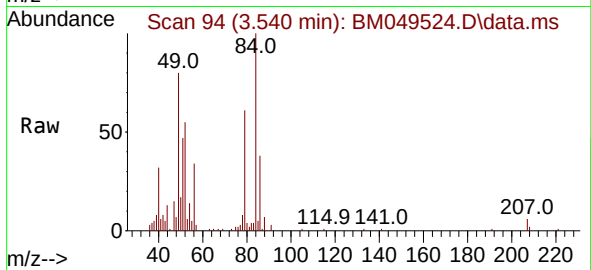
Quant Time: Jan 30 13:38:49 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM012825.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Jan 28 14:45:18 2025
Response via : Initial Calibration





#5
Pyridine
Concen: 1.063 ng/ul
RT: 3.540 min Scan# 94
Delta R.T. 0.012 min
Lab File: BM049524.D
Acq: 30 Jan 2025 13:04

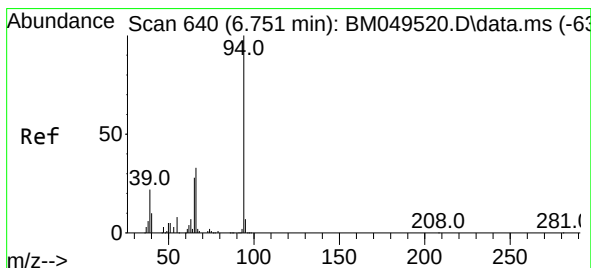
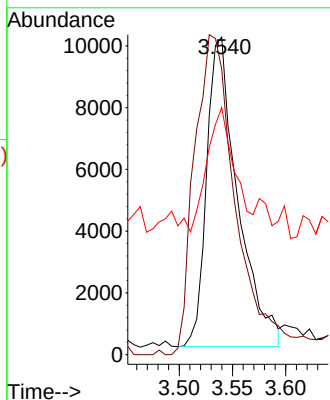
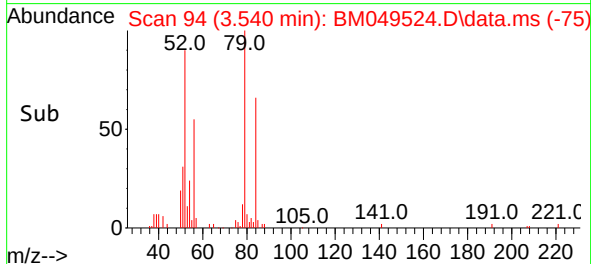
Instrument :
BNA_M
ClientSampleId :
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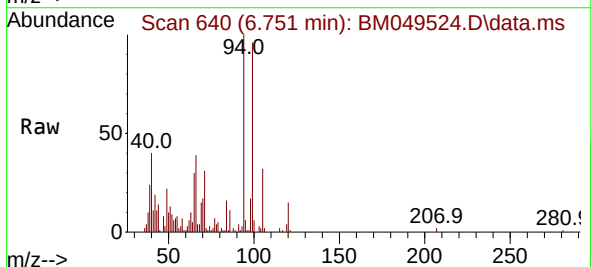
Tgt Ion: 79 Resp: 2037
Ion Ratio Lower Upper
79 100
52 89.9 60.7 91.1
51 77.8 29.3 43.9

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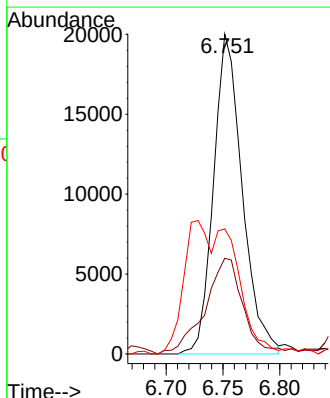
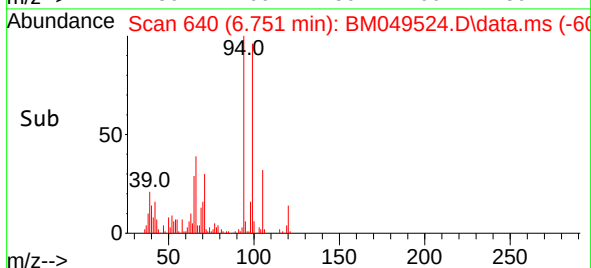
Reviewed By :Jagrut Upadhyay 01/31/2025
Supervised By :mohammad ahmed 02/04/2025

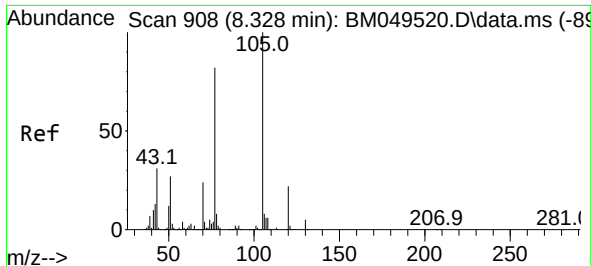


#8
Phenol
Concen: 1.752 ng/ul
RT: 6.751 min Scan# 640
Delta R.T. 0.018 min
Lab File: BM049524.D
Acq: 30 Jan 2025 13:04



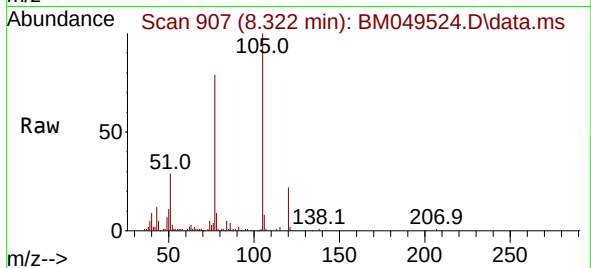
Tgt Ion: 94 Resp: 35176
Ion Ratio Lower Upper
94 100
65 29.9 23.4 35.0
66 39.1 27.8 41.8





#16
Acetophenone
Concen: 3.590 ng/ul
RT: 8.322 min Scan# 908
Delta R.T. -0.006 min
Lab File: BM049524.D
Acq: 30 Jan 2025 13:04

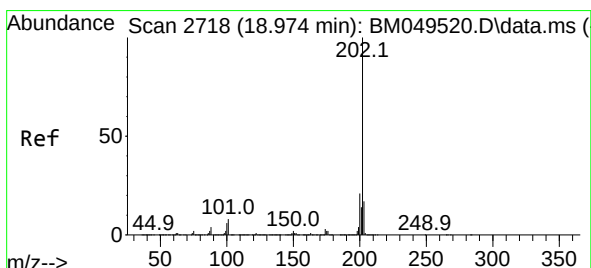
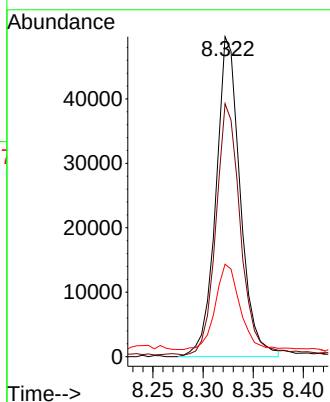
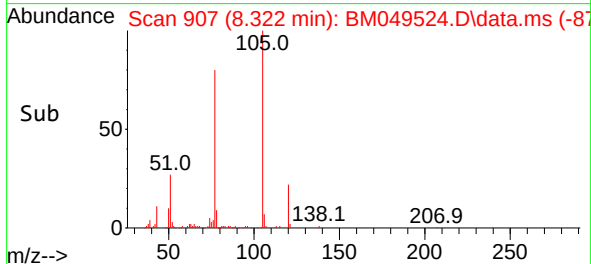
Instrument :
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Tgt Ion:105 Resp: 83659
Ion Ratio Lower Upper
105 100
77 79.1 64.6 97.0
51 28.9 23.3 34.9

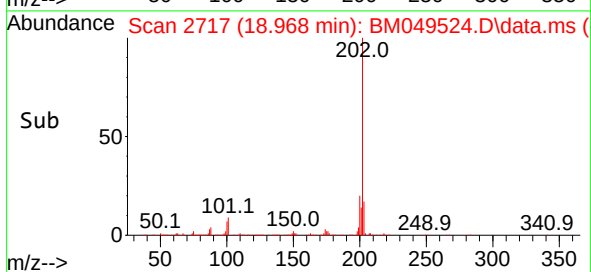
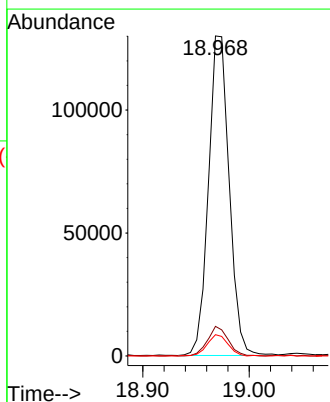
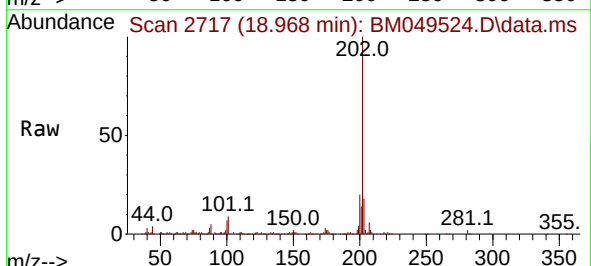
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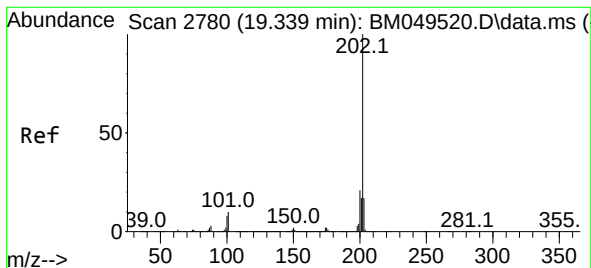
Reviewed By :Jagrut Upadhyay 01/31/2025
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#80
Fluoranthene
Concen: 2.764 ng/ul
RT: 18.968 min Scan# 2717
Delta R.T. -0.006 min
Lab File: BM049524.D
Acq: 30 Jan 2025 13:04

Tgt Ion:202 Resp: 175715
Ion Ratio Lower Upper
202 100
101 9.3 6.9 10.3
100 6.6 5.1 7.7





#82

Pyrene

Concen: 2.282 ng/ul

RT: 19.333 min Scan# 21

Delta R.T. -0.006 min

Lab File: BM049524.D

Acq: 30 Jan 2025 13:04

Instrument :

BNA_M

ClientSampleId :

A44R6

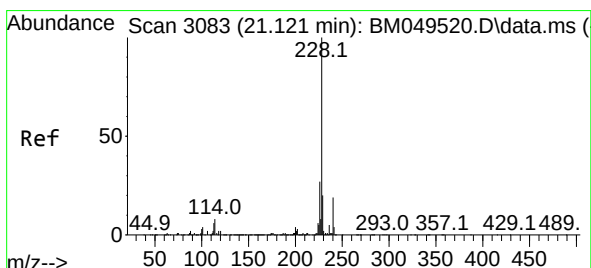
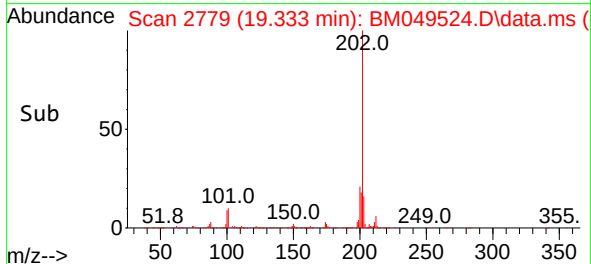
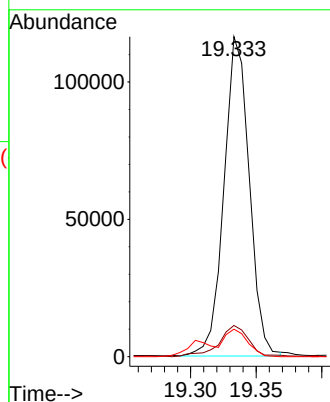
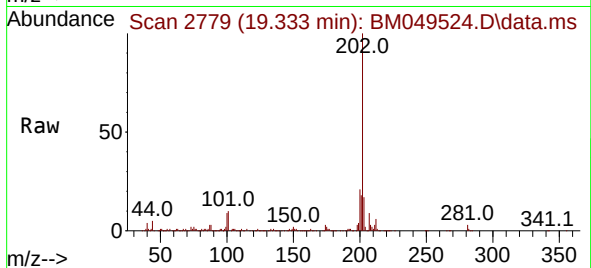
Tgt Ion:202 Resp: 15610

Ion	Ratio	Lower	Upper
202	100		
101	9.8	8.3	12.5
100	8.6	6.6	9.8

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#85

Benzo(a)anthracene

Concen: 1.531 ng/ul

RT: 21.115 min Scan# 3082

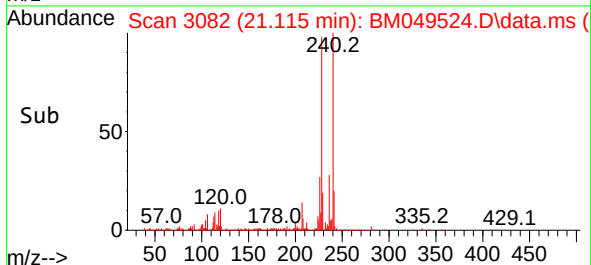
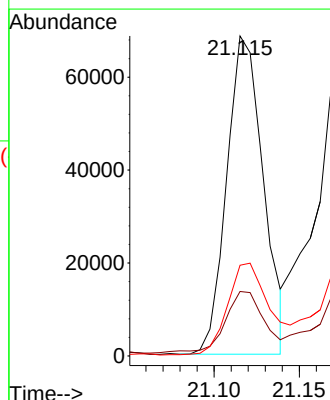
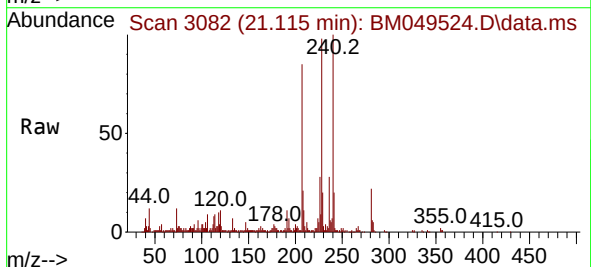
Delta R.T. -0.000 min

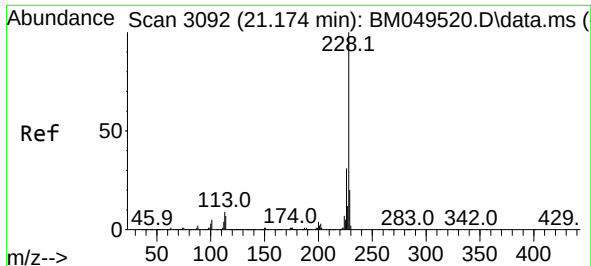
Lab File: BM049524.D

Acq: 30 Jan 2025 13:04

Tgt Ion:228 Resp: 102407

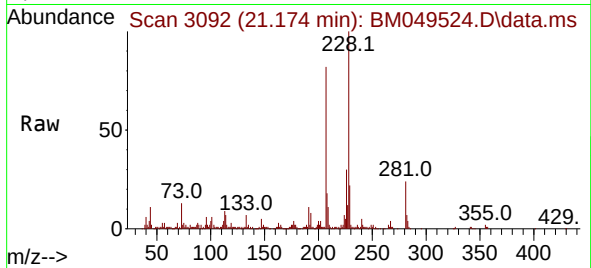
Ion	Ratio	Lower	Upper
228	100		
229	20.2	15.7	23.5
226	28.3	22.1	33.1





#87
Chrysene
Concen: 1.902 ng/ul
RT: 21.174 min Scan# 3092
Delta R.T. -0.000 min
Lab File: BM049524.D
Acq: 30 Jan 2025 13:04

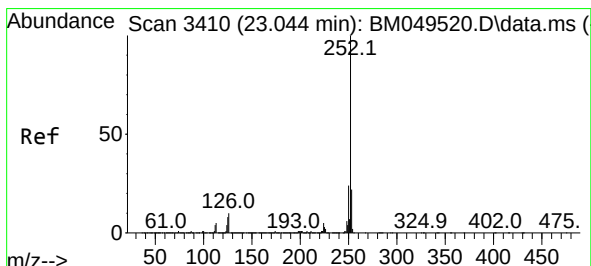
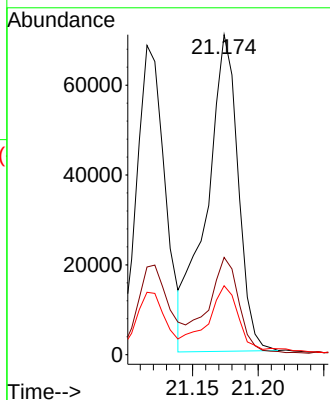
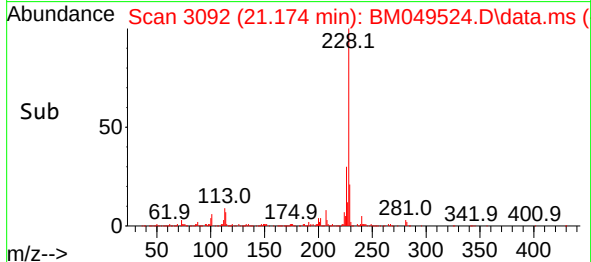
Instrument :
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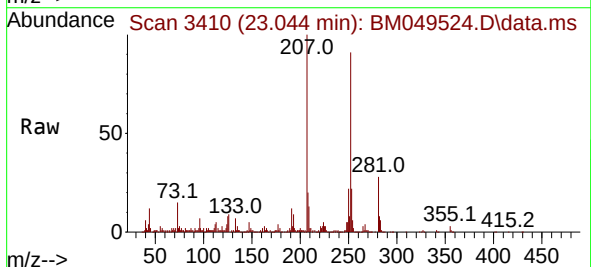
Tgt Ion:228 Resp: 118135
Ion Ratio Lower Upper
228 100
226 30.4 24.6 37.0
229 21.6 15.9 23.9

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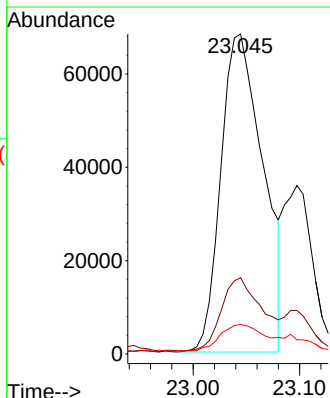
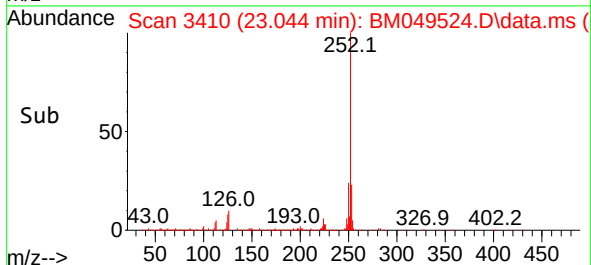
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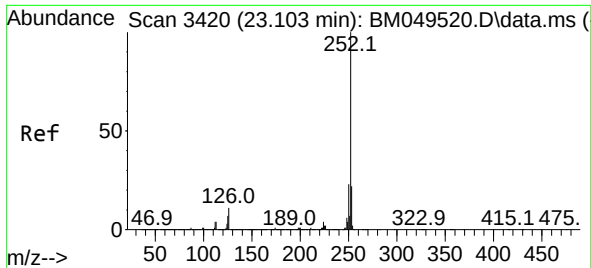


#90
Benzo(b)fluoranthene
Concen: 2.904 ng/ul
RT: 23.044 min Scan# 3410
Delta R.T. -0.000 min
Lab File: BM049524.D
Acq: 30 Jan 2025 13:04



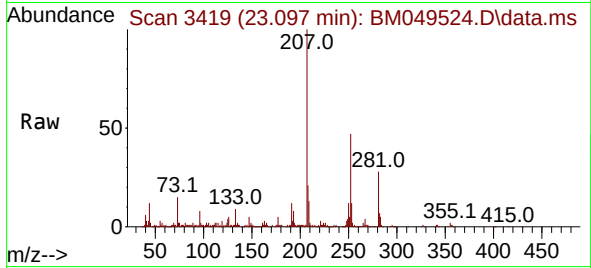
Tgt Ion:252 Resp: 187366
Ion Ratio Lower Upper
252 100
253 23.9 17.6 26.4
125 9.2 6.3 9.5





#91
Benzo(k)fluoranthene
Concen: 1.064 ng/ul m
RT: 23.097 min Scan# 34
Delta R.T. -0.000 min
Lab File: BM049524.D
Acq: 30 Jan 2025 13:04

Instrument :
BNA_M
ClientSampleId :
A44R6



Tgt Ion:252 Resp: 6935
Ion Ratio Lower Upper
252 100
253 25.8 17.5 26.3
125 8.4 6.5 9.7

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