

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM013025\
 Data File : BM049548.D
 Acq On : 31 Jan 2025 05:37
 Operator : RC/JU
 Sample : Q1189-05
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A44Q8

Manual Integrations
 APPROVED

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

Quant Time: Jan 31 09:10:53 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	325758	20.000	ng/u1	0.00
20) Naphthalene-d8	10.269	136	1261307	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.151	164	859550	20.000	ng/u1	0.00
64) Phenanthrene-d10	16.904	188	1740211	20.000	ng/u1	0.00
79) Chrysene-d12	21.139	240	1741082	20.000	ng/u1	0.00
88) Perylene-d12	23.927	264	1882319	20.000	ng/u1	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.110	96	19904	2.264	ng/uL	-0.01
4) Pyridine-d5	3.510	84	69425	2.688	ng/u1	0.00
7) Phenol-d5	6.722	99	419631	15.874	ng/u1	0.01
9) Bis-(2-Chloroethyl)eth...	6.857	67	260772	14.426	ng/u1	0.00
11) 2-Chlorophenol-d4	7.057	132	335656	16.409	ng/u1	0.00
15) 4-Methylphenol-d8	8.234	113	276244	14.263	ng/u1	0.00
21) Nitrobenzene-d5	8.651	128	153783	15.937	ng/u1	0.00
24) 2-Nitrophenol-d4	9.369	143	175102	16.636	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	9.916	165	354675	16.513	ng/u1	0.01
31) 4-Chloroaniline-d4	10.428	131	74487m	2.704	ng/u1	0.00
46) Dimethylphthalate-d6	13.574	166	1011703	16.053	ng/u1	0.00
49) Acenaphthylene-d8	13.839	160	1117786	15.095	ng/u1	0.00
54) 4-Nitrophenol-d4	14.421	143	130823	12.654	ng/u1	0.04
60) Fluorene-d10	15.151	176	913826	16.488	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.286	200	71113	6.485	ng/u1	0.00
73) Anthracene-d10	17.004	188	1403039	16.145	ng/u1	0.00
81) Pyrene-d10	19.309	212	1402503	13.779	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.733	264	953682	9.499	ng/u1	0.00
Target Compounds						
					Qvalue	
8) Phenol	6.751	94	73212	2.639	ng/u1	97
16) Acetophenone	8.322	105	269523	8.369	ng/u1	98
72) Phenanthrene	16.945	178	199427	2.036	ng/u1	99
80) Fluoranthene	18.974	202	519997	4.473	ng/u1	98
82) Pyrene	19.339	202	381670	3.051	ng/u1	99
85) Benzo(a)anthracene	21.121	228	225934	1.847	ng/u1	91
87) Chrysene	21.180	228	304780	2.683	ng/u1	96
90) Benzo(b)fluoranthene	23.056	252	412823	3.384	ng/u1#	90
91) Benzo(k)fluoranthene	23.103	252	130429m	1.058	ng/u1	
93) Benzo(a)pyrene	23.791	252	128764	1.125	ng/u1#	81
94) Indeno(1,2,3-cd)pyrene	27.021	276	160747m	1.133	ng/u1	

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

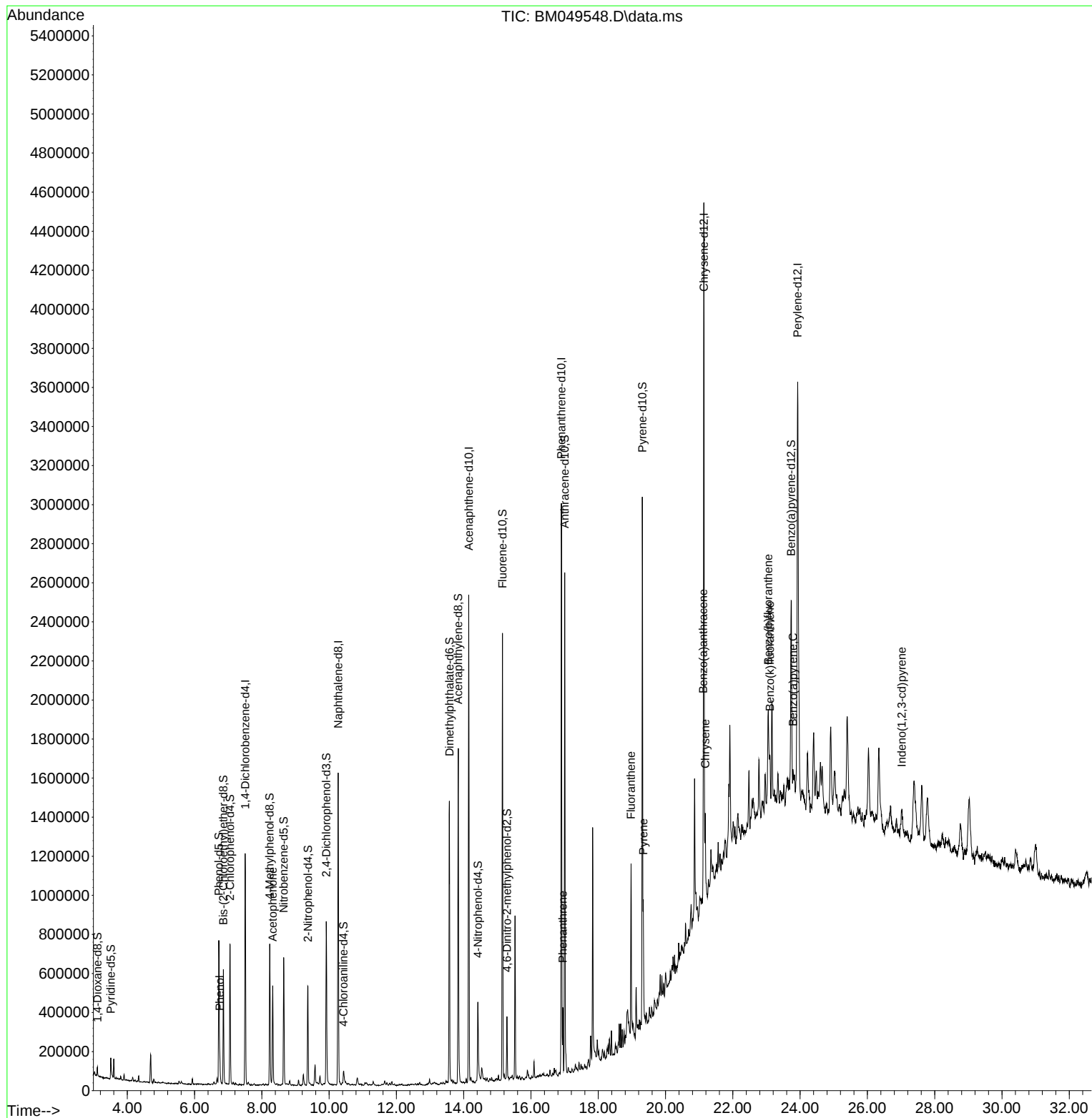
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM013025\
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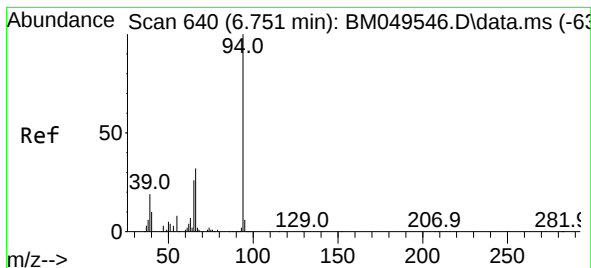
Instrument :
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Quant Time: Jan 31 09:10:53 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM012825.MA.M
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#8

Phenol

Concen: 2.639 ng/u1

RT: 6.751 min Scan# 640

Delta R.T. 0.018 min

Lab File: BM049548.D

Acq: 31 Jan 2025 05:37

Instrument :

BNA_M

ClientSampleId :

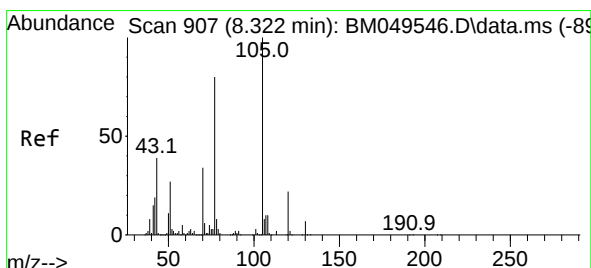
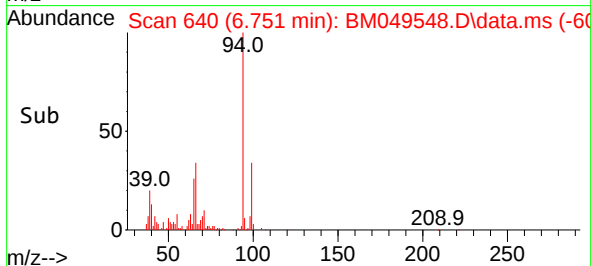
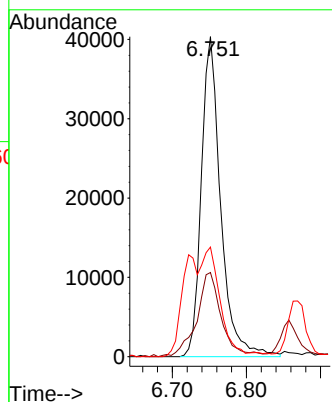
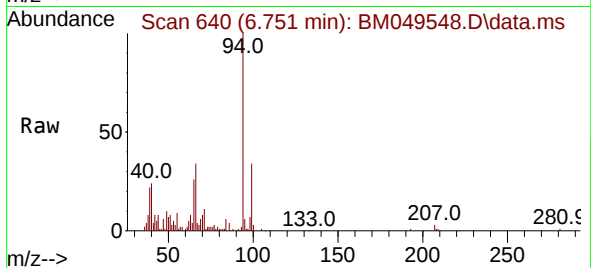
A44Q8

Tgt Ion:	94	Resp:	7321
Ion	Ratio	Lower	Upper
94	100		
65	26.3	23.4	35.0
66	34.2	27.8	41.8

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#16

Acetophenone

Concen: 8.369 ng/u1

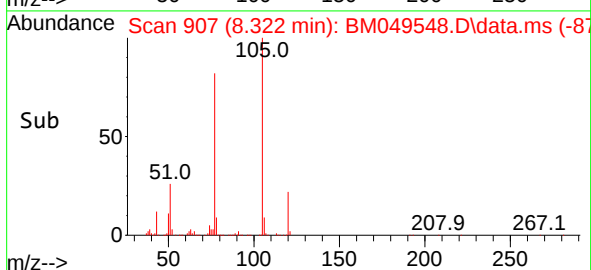
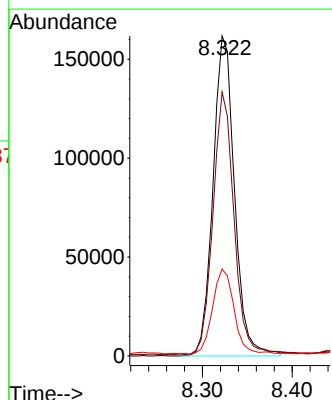
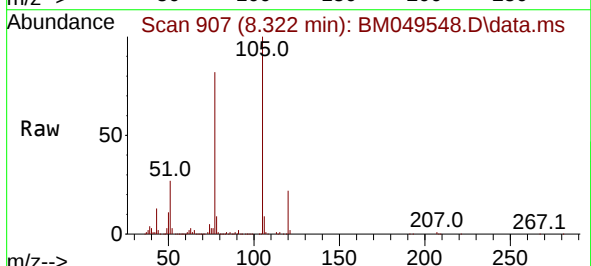
RT: 8.322 min Scan# 907

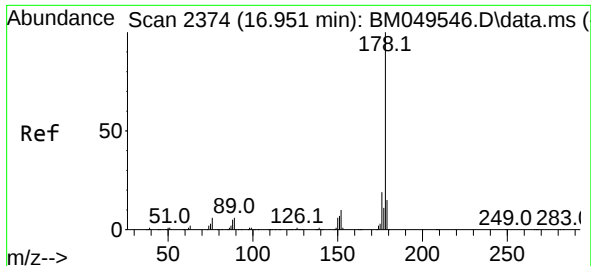
Delta R.T. -0.006 min

Lab File: BM049548.D

Acq: 31 Jan 2025 05:37

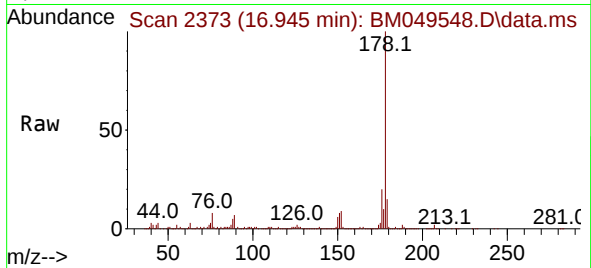
Tgt Ion:	105	Resp:	269523
Ion	Ratio	Lower	Upper
105	100		
77	82.4	64.6	97.0
51	27.1	23.3	34.9





#72
Phenanthrene
Concen: 2.036 ng/ul
RT: 16.945 min Scan# 217
Delta R.T. -0.000 min
Lab File: BM049548.D
Acq: 31 Jan 2025 05:37

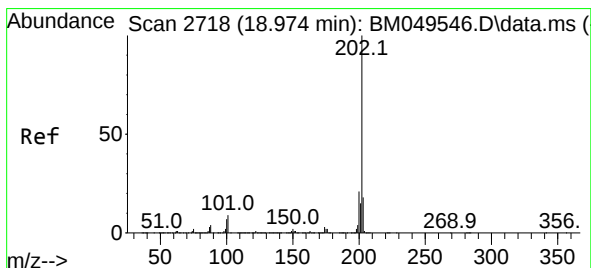
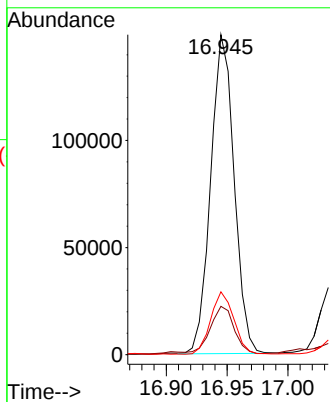
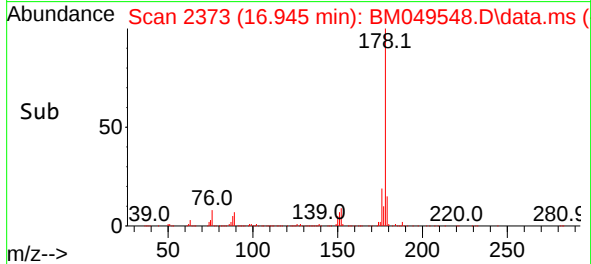
Instrument :
BNA_M
ClientSampleId :
A44Q8



Tgt Ion:178 Resp: 19942
Ion Ratio Lower Upper
178 100
179 15.1 12.4 18.6
176 19.6 15.6 23.4

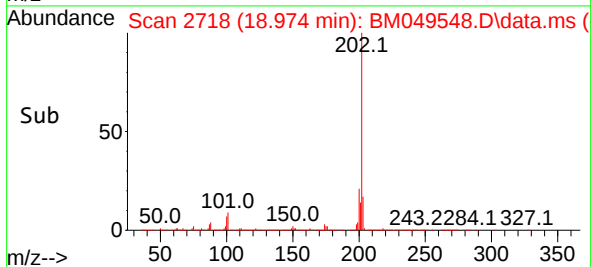
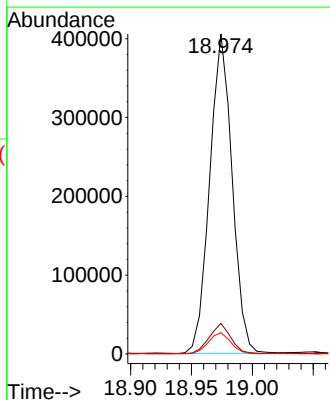
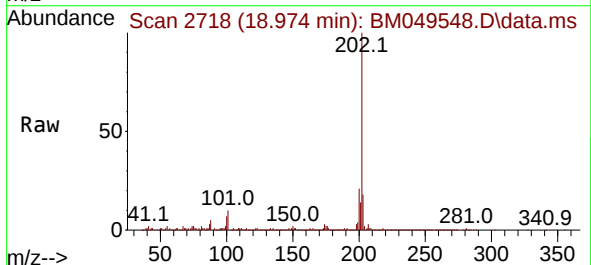
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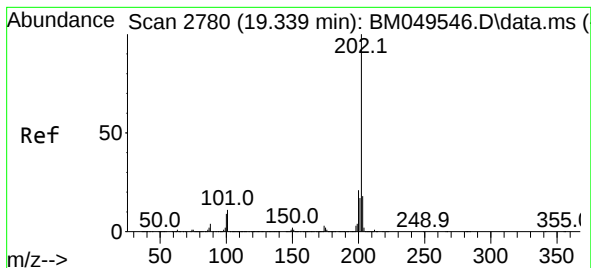
Reviewed By :Jagrut Upadhyay 01/31/2025
Supervised By :mohammad ahmed 02/04/2025



#80
Fluoranthene
Concen: 4.473 ng/ul
RT: 18.974 min Scan# 2718
Delta R.T. -0.000 min
Lab File: BM049548.D
Acq: 31 Jan 2025 05:37

Tgt Ion:202 Resp: 519997
Ion Ratio Lower Upper
202 100
101 9.5 6.9 10.3
100 6.7 5.1 7.7





#82

Pyrene

Concen: 3.051 ng/ul

RT: 19.339 min Scan# 21

Delta R.T. -0.000 min

Lab File: BM049548.D

Acq: 31 Jan 2025 05:37

Instrument :

BNA_M

ClientSampleId :

A44Q8

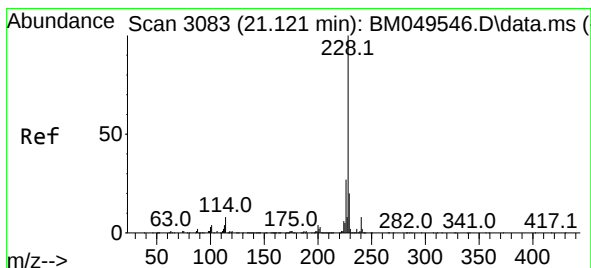
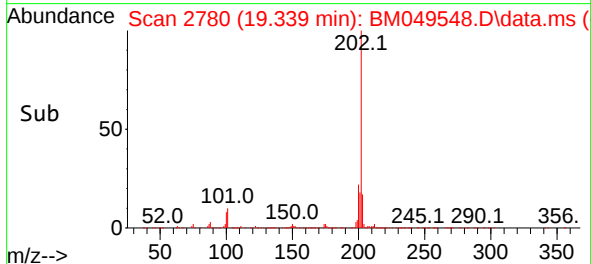
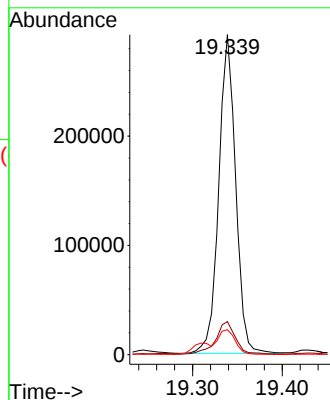
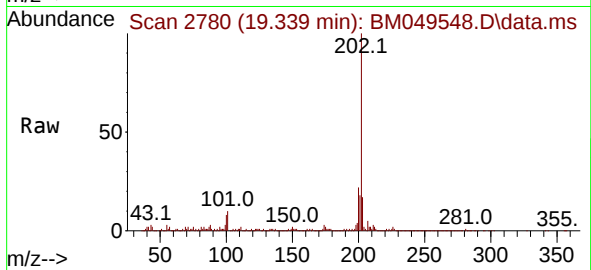
Tgt Ion:202 Resp: 381670

Ion	Ratio	Lower	Upper
202	100		
101	10.4	8.3	12.5
100	7.8	6.6	9.8

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#85

Benzo(a)anthracene

Concen: 1.847 ng/ul

RT: 21.121 min Scan# 3083

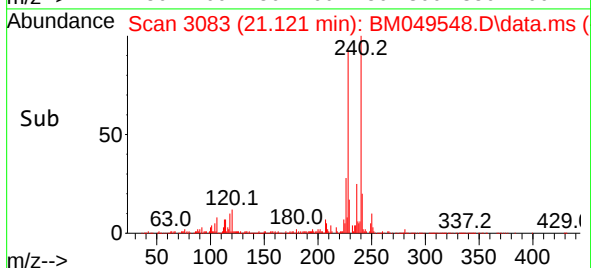
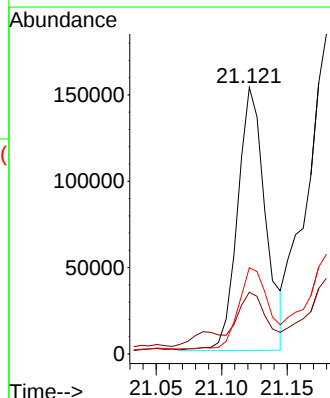
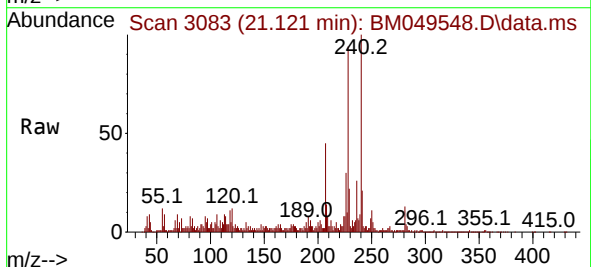
Delta R.T. 0.006 min

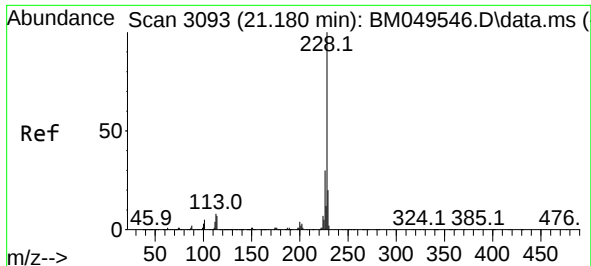
Lab File: BM049548.D

Acq: 31 Jan 2025 05:37

Tgt Ion:228 Resp: 225934

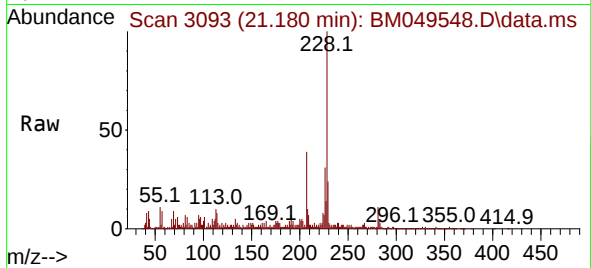
Ion	Ratio	Lower	Upper
228	100		
229	23.2	15.7	23.5
226	32.4	22.1	33.1





#87
Chrysene
Concen: 2.683 ng/u1
RT: 21.180 min Scan# 3093
Delta R.T. 0.006 min
Lab File: BM049548.D
Acq: 31 Jan 2025 05:37

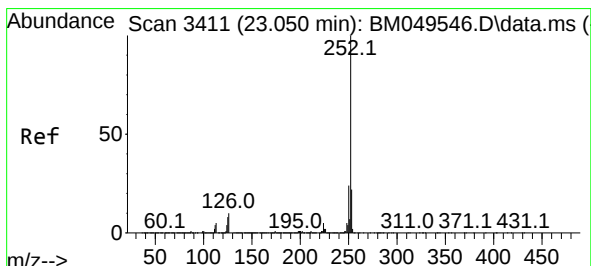
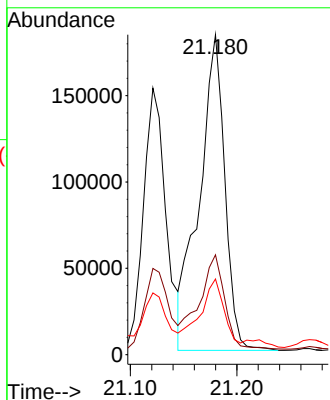
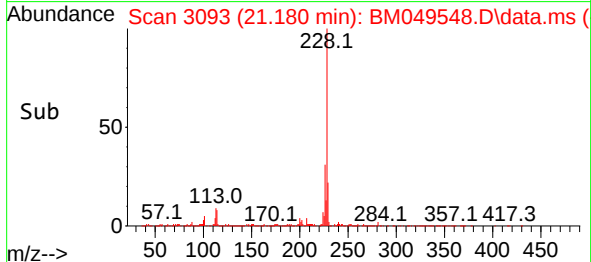
Instrument :
BNA_M
ClientSampleId :
A44Q8



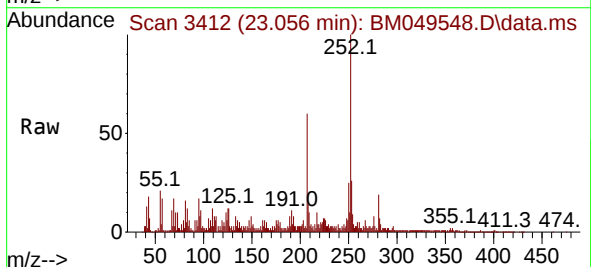
Tgt Ion:228 Resp: 304780
Ion Ratio Lower Upper
228 100
226 31.2 24.6 37.0
229 23.7 15.9 23.9

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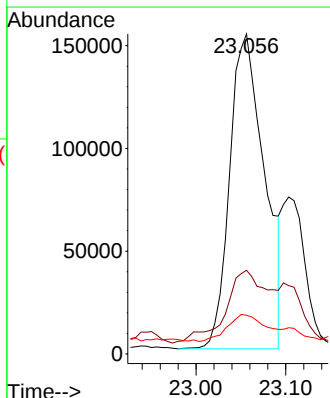
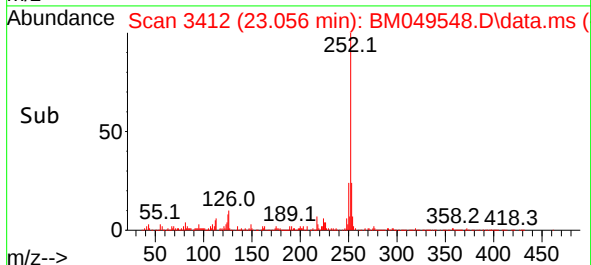
Reviewed By :Jagrut Upadhyay 01/31/2025
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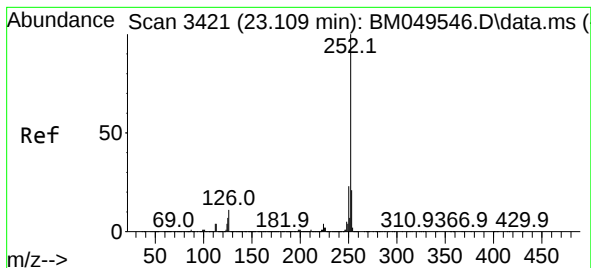


#90
Benzo(b)fluoranthene
Concen: 3.384 ng/u1
RT: 23.056 min Scan# 3412
Delta R.T. 0.012 min
Lab File: BM049548.D
Acq: 31 Jan 2025 05:37



Tgt Ion:252 Resp: 412823
Ion Ratio Lower Upper
252 100
253 26.2 17.6 26.4
125 12.1 6.3 9.5#





#91

Benzo(k)fluoranthene

Concen: 1.058 ng/ul m

RT: 23.103 min Scan# 3421

Delta R.T. 0.006 min

Lab File: BM049548.D

Acq: 31 Jan 2025 05:37

Instrument :

BNA_M

ClientSampleId :

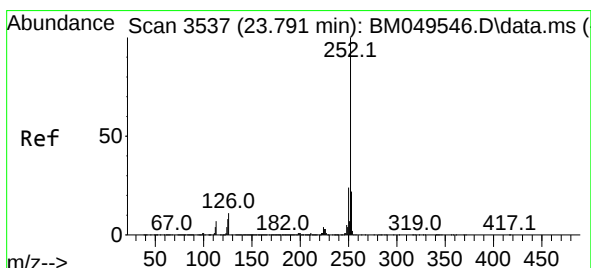
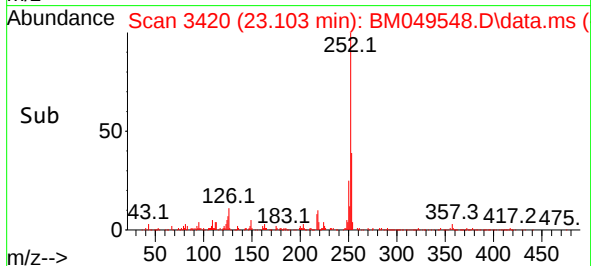
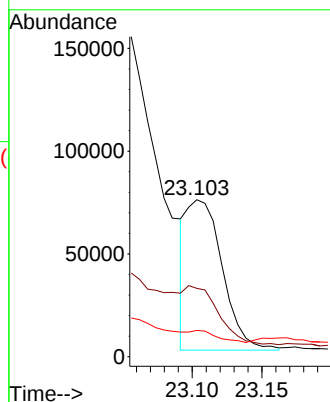
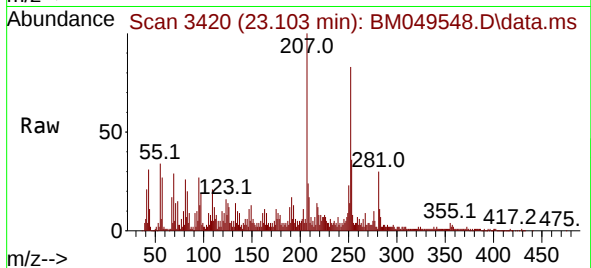
A44Q8

Tgt Ion:252 Resp: 130429
 Ion Ratio Lower Upper
 252 100
 253 43.5 17.5 26.3#
 125 16.8 6.5 9.7#

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#93

Benzo(a)pyrene

Concen: 1.125 ng/ul

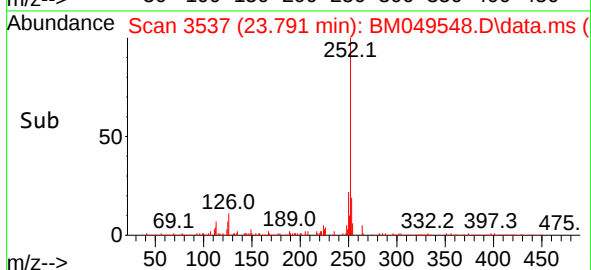
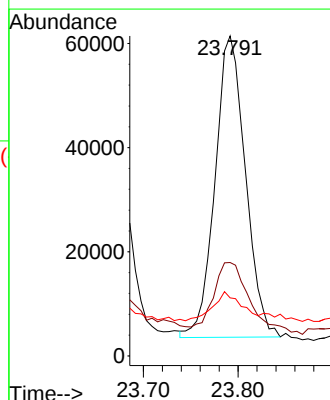
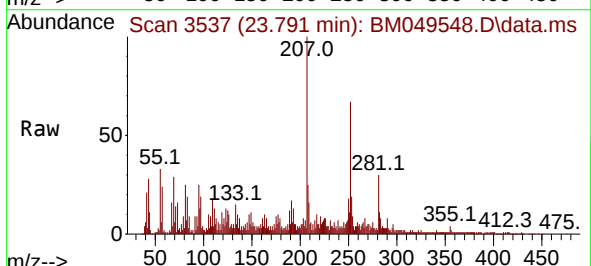
RT: 23.791 min Scan# 3537

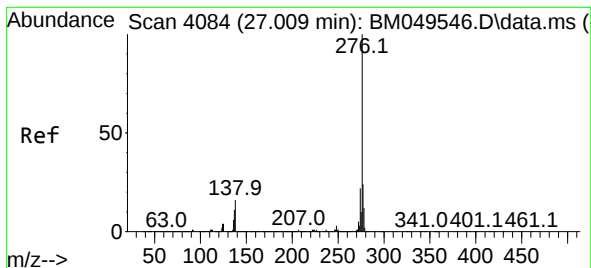
Delta R.T. 0.012 min

Lab File: BM049548.D

Acq: 31 Jan 2025 05:37

Tgt Ion:252 Resp: 128764
 Ion Ratio Lower Upper
 252 100
 253 29.2 17.3 25.9#
 125 18.1 7.0 10.6#





#94

Indeno(1,2,3-cd)pyrene

Concen: 1.133 ng/ul m

RT: 27.021 min Scan# 4086

Delta R.T. 0.029 min

Lab File: BM049548.D

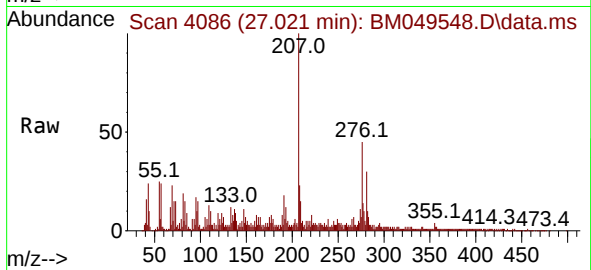
Acq: 31 Jan 2025 05:37

Instrument :

BNA_M

ClientSampleId :

A44Q8



Tgt Ion: 276 Resp: 16074

Ion Ratio Lower Upper

276 100

138 20.2 13.8 20.6

277 31.5 19.0 28.6

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