

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP020325\
 Data File : BP023886.D
 Acq On : 03 Feb 2025 19:16
 Operator : RC/JU
 Sample : Q1190-09
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 A44S8

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 02/04/2025
 Supervised By :mohammad ahmed 02/06/2025

Quant Time: Feb 04 07:45:16 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP012925.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Feb 03 11:19:36 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.775	152	477736	20.000	ng/u1	0.00
20) Naphthalene-d8	10.551	136	2070577	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.398	164	1317868	20.000	ng/u1	0.01
64) Phenanthrene-d10	17.186	188	2535201	20.000	ng/u1	0.00
79) Chrysene-d12	21.633	240	2409811	20.000	ng/u1	0.00
88) Perylene-d12	24.997	264	2589904	20.000	ng/u1	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.293	96	21568	1.876	ng/uL	0.00
4) Pyridine-d5	3.716	84	71439	2.153	ng/u1	0.01
7) Phenol-d5	6.957	99	435769	10.307	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.110	67	251003	11.216	ng/u1	0.00
11) 2-Chlorophenol-d4	7.316	132	348179	10.487	ng/u1	0.00
15) 4-Methylphenol-d8	8.475	113	211218	6.116	ng/u1	0.00
21) Nitrobenzene-d5	8.916	128	169383	10.225	ng/u1	0.00
24) 2-Nitrophenol-d4	9.634	143	164294	9.191	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.175	165	351643	10.724	ng/u1	0.00
31) 4-Chloroaniline-d4	10.686	131	80372	1.639	ng/u1	0.01
46) Dimethylphthalate-d6	13.792	166	1155319	11.753	ng/u1	0.00
49) Acenaphthylene-d8	14.080	160	1253570	11.307	ng/u1	0.00
54) 4-Nitrophenol-d4	14.610	143	153553	7.866	ng/u1	0.00
60) Fluorene-d10	15.398	176	979105	11.828	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.510	200	104764	6.698	ng/u1	0.00
73) Anthracene-d10	17.280	188	1415686	11.373	ng/u1	0.00
81) Pyrene-d10	19.651	212	1494384	11.573	ng/u1	-0.01
92) Benzo(a)pyrene-d12	24.768	264	986704	7.302	ng/u1	0.00
Target Compounds						
					Qvalue	
8) Phenol	6.987	94	92469	2.130	ng/u1	97
16) Acetophenone	8.581	105	398071	7.540	ng/u1	97
72) Phenanthrene	17.227	178	433114	3.025	ng/u1	99
80) Fluoranthene	19.310	202	691123	4.647	ng/u1	98
82) Pyrene	19.686	202	614063	3.948	ng/u1	99
85) Benzo(a)anthracene	21.609	228	272937	1.722	ng/u1	94
87) Chrysene	21.674	228	352804	2.416	ng/u1	99
90) Benzo(b)fluoranthene	23.933	252	396531m	2.523	ng/u1	
93) Benzo(a)pyrene	24.839	252	207587	1.414	ng/u1#	94

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

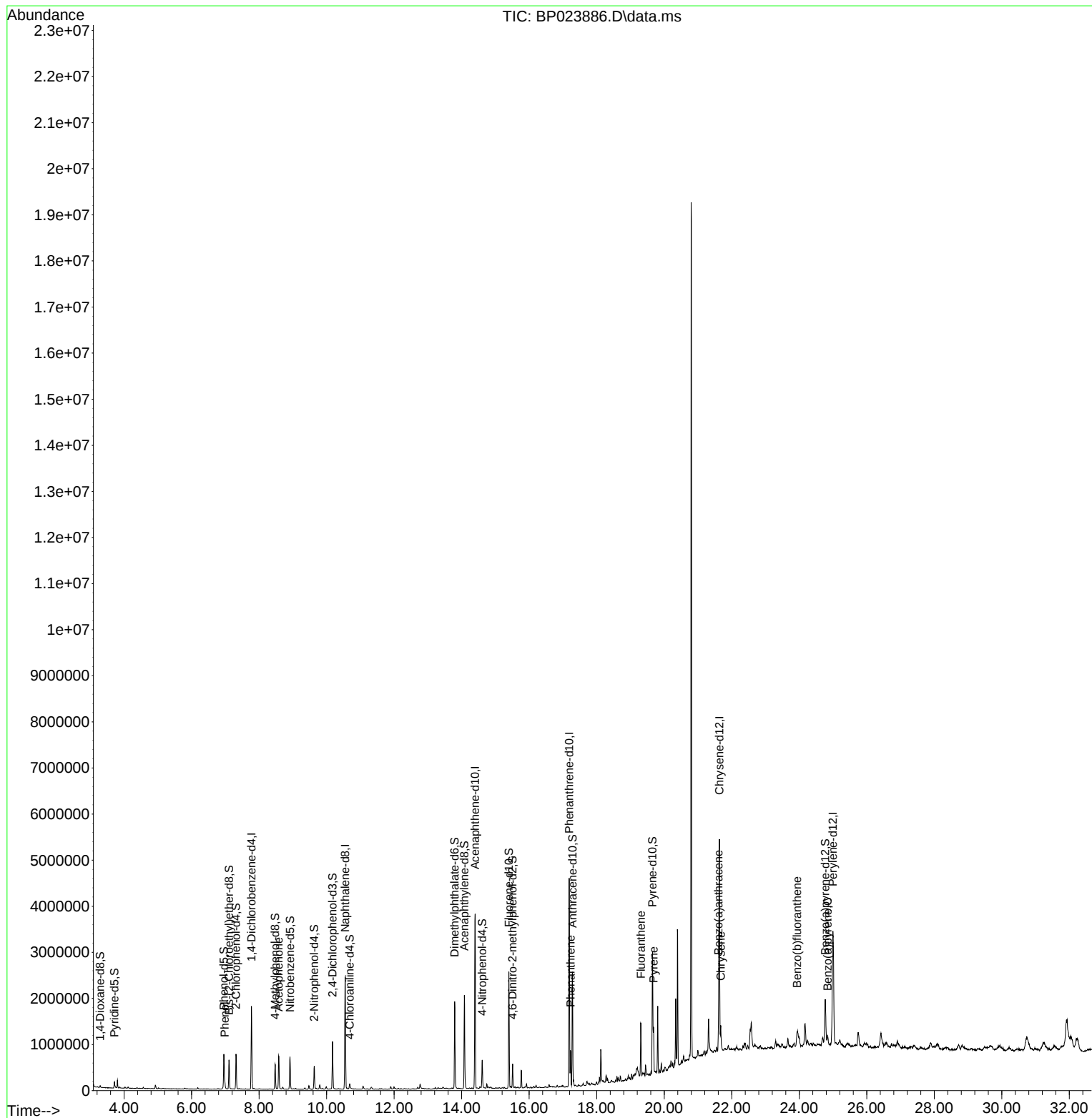
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP020325\
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ALS Vial : 15 Sample Multiplier: 1

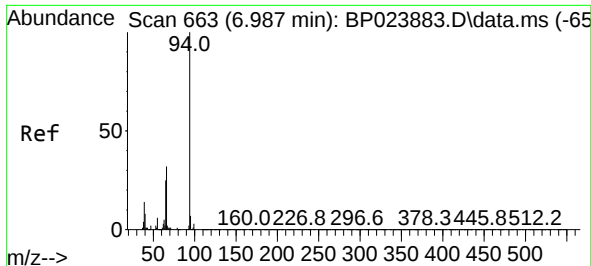
Instrument :
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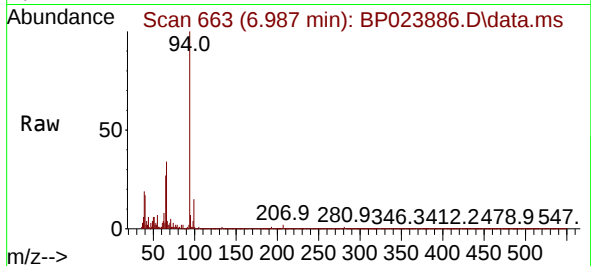
Quant Time: Feb 04 07:45:16 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP012925.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Feb 03 11:19:36 2025
Response via : Initial Calibration





#8
Phenol
Concen: 2.130 ng/ul
RT: 6.987 min Scan# 60
Delta R.T. 0.006 min
Lab File: BP023886.D
Acq: 03 Feb 2025 19:16

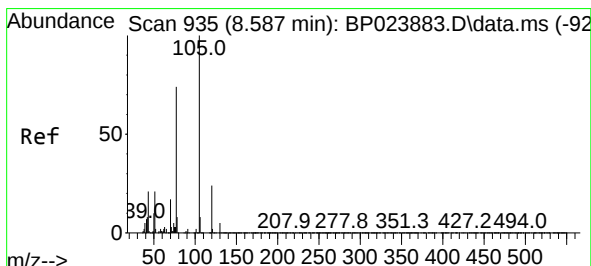
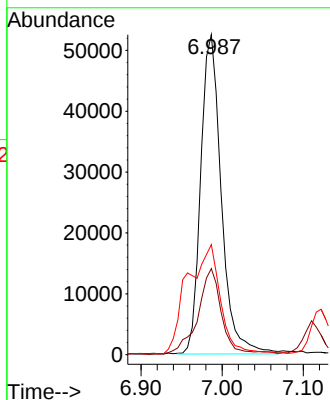
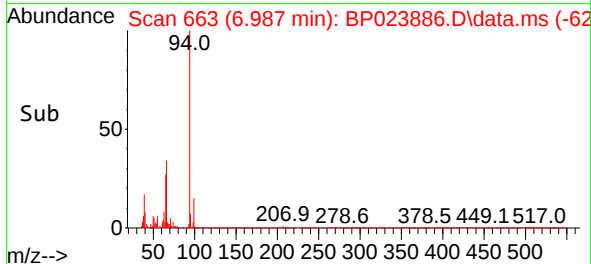
Instrument :
BNA_P
ClientSampleId :
A44S8



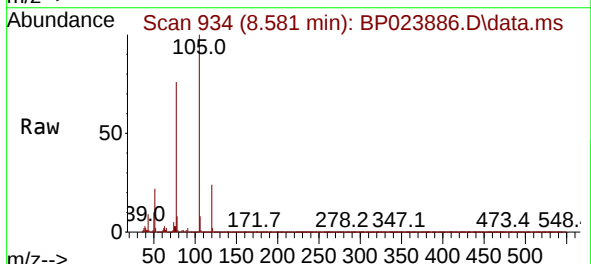
Tgt Ion: 94 Resp: 92469
Ion Ratio Lower Upper
94 100
65 26.9 20.1 30.1
66 34.4 26.0 39.0

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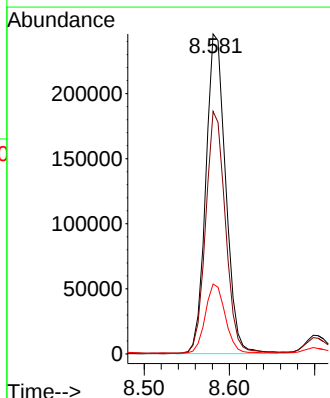
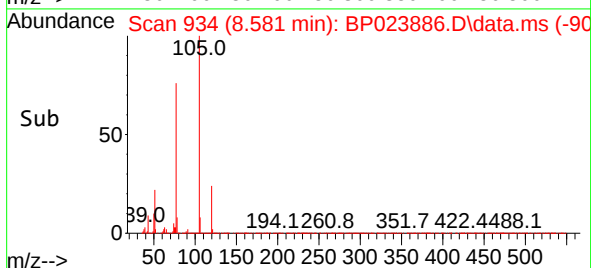
Reviewed By :Jagrut Upadhyay 02/04/2025
Supervised By :mohammad ahmed 02/06/2025

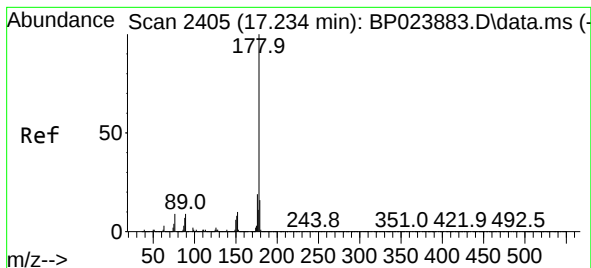


#16
Acetophenone
Concen: 7.540 ng/ul
RT: 8.581 min Scan# 934
Delta R.T. -0.000 min
Lab File: BP023886.D
Acq: 03 Feb 2025 19:16



Tgt Ion:105 Resp: 398071
Ion Ratio Lower Upper
105 100
77 75.8 58.6 87.8
51 21.8 16.6 24.8





#72

Phenanthrene

Concen: 3.025 ng/ul

RT: 17.227 min Scan# 2404

Delta R.T. -0.000 min

Lab File: BP023886.D

Acq: 03 Feb 2025 19:16

Instrument :

BNA_P

ClientSampleId :

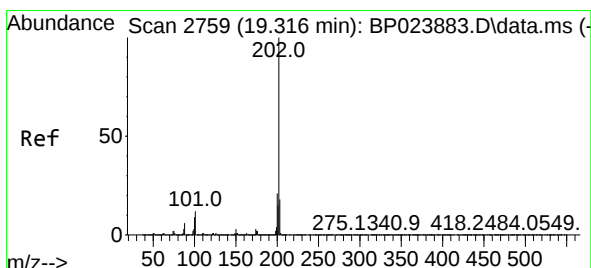
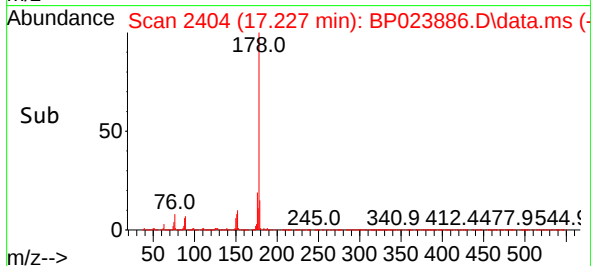
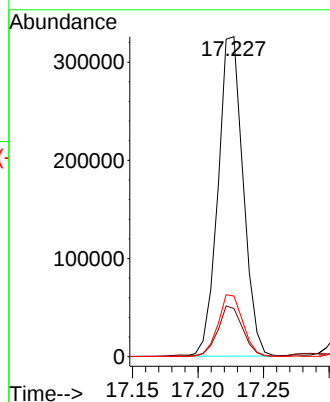
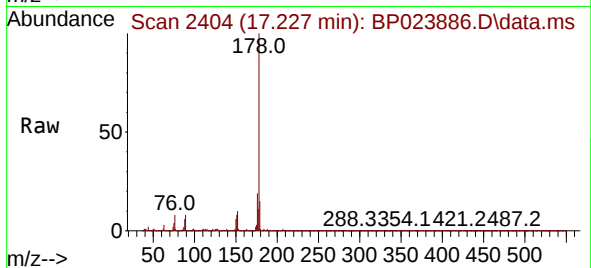
A44S8

Tgt Ion:178	Resp: 433114
Ion Ratio	Lower Upper
178 100	
179 15.1	12.2 18.4
176 19.0	15.6 23.4

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#80

Fluoranthene

Concen: 4.647 ng/ul

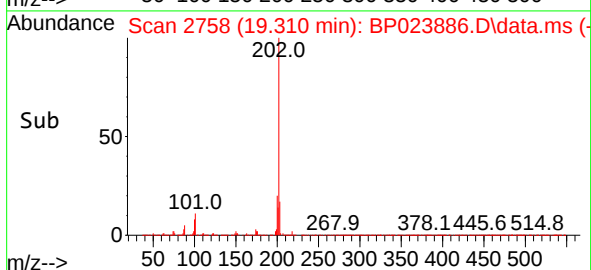
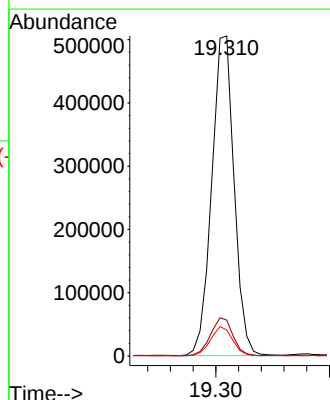
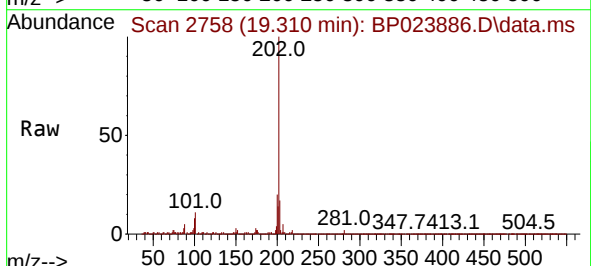
RT: 19.310 min Scan# 2758

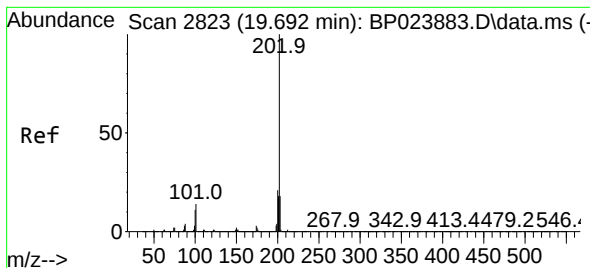
Delta R.T. -0.006 min

Lab File: BP023886.D

Acq: 03 Feb 2025 19:16

Tgt Ion:202	Resp: 691123
Ion Ratio	Lower Upper
202 100	
101 11.2	9.4 14.2
100 8.1	7.0 10.6





#82

Pyrene

Concen: 3.948 ng/ul

RT: 19.686 min Scan# 21406

Delta R.T. -0.006 min

Lab File: BP023886.D

Acq: 03 Feb 2025 19:16

Instrument :

BNA_P

ClientSampleId :

A44S8

Tgt Ion:202 Resp: 61406

Ion Ratio Lower Upper

202 100

101 12.6 10.4 15.6

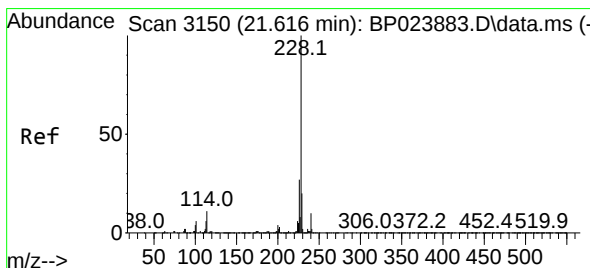
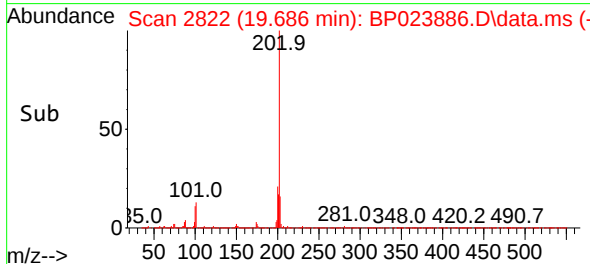
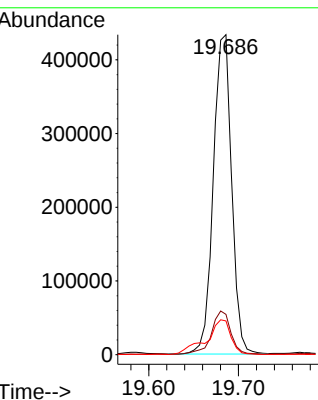
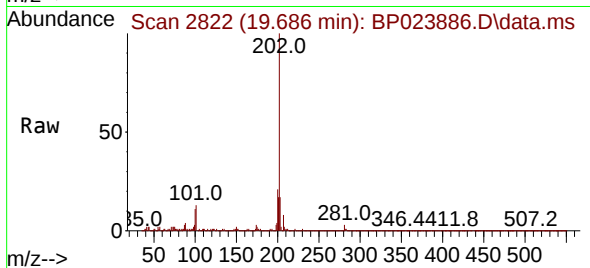
100 10.5 8.6 12.8

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#85

Benzo(a)anthracene

Concen: 1.722 ng/ul

RT: 21.609 min Scan# 3149

Delta R.T. -0.006 min

Lab File: BP023886.D

Acq: 03 Feb 2025 19:16

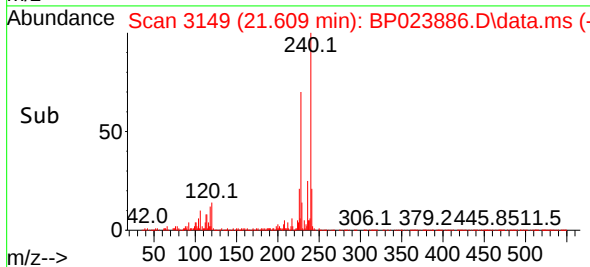
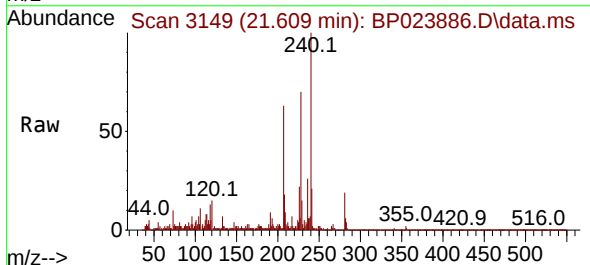
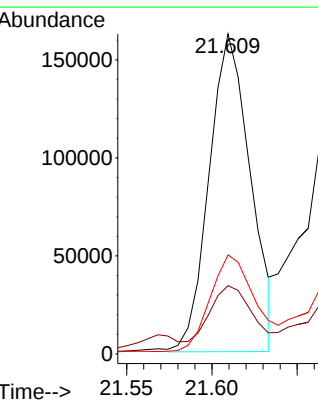
Tgt Ion:228 Resp: 272937

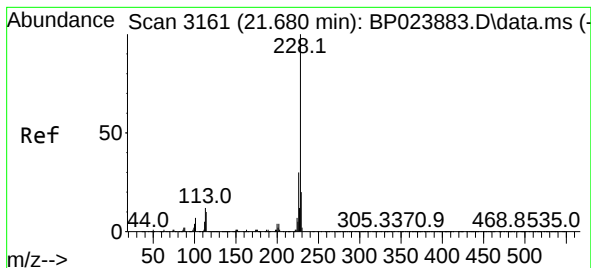
Ion Ratio Lower Upper

228 100

229 21.4 15.9 23.9

226 31.0 21.7 32.5





#87

Chrysene

Concen: 2.416 ng/ul

RT: 21.674 min Scan# 3161

Delta R.T. -0.012 min

Lab File: BP023886.D

Acq: 03 Feb 2025 19:16

Instrument :

BNA_P

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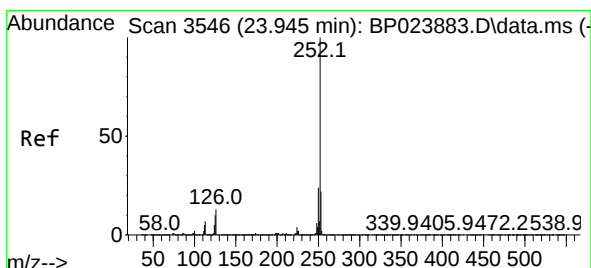
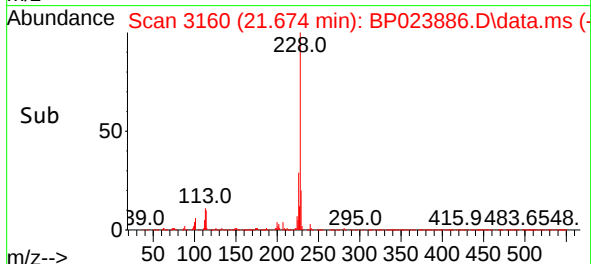
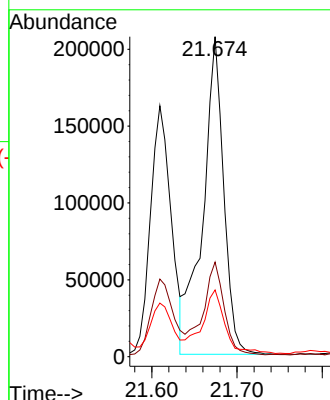
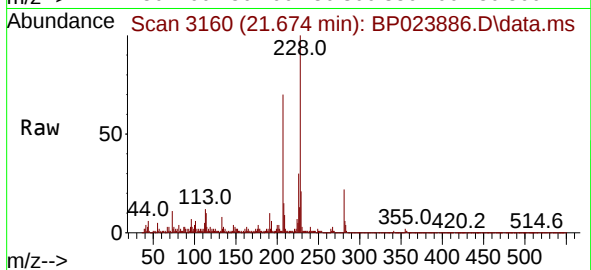
A44S8

Tgt Ion:	228	Resp:	352804
Ion Ratio	Lower	Upper	
228	100		
226	29.5	23.8	35.6
229	20.9	15.7	23.5

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#90

Benzo(b)fluoranthene

Concen: 2.523 ng/ul m

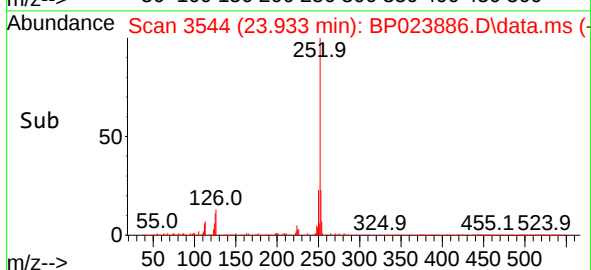
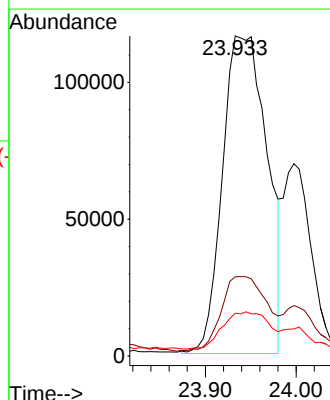
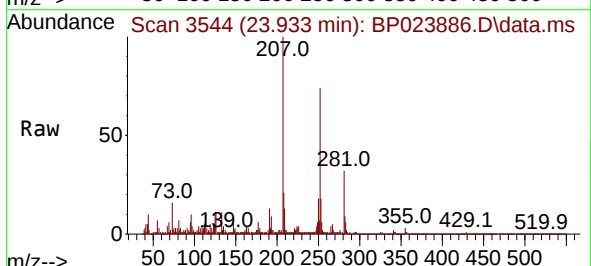
RT: 23.933 min Scan# 3544

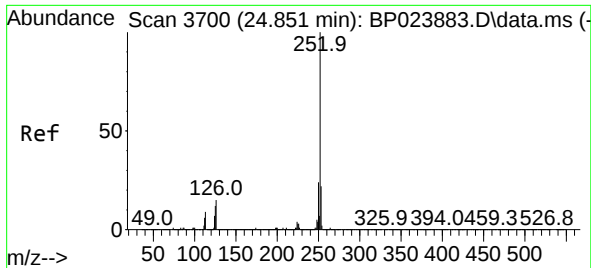
Delta R.T. -0.012 min

Lab File: BP023886.D

Acq: 03 Feb 2025 19:16

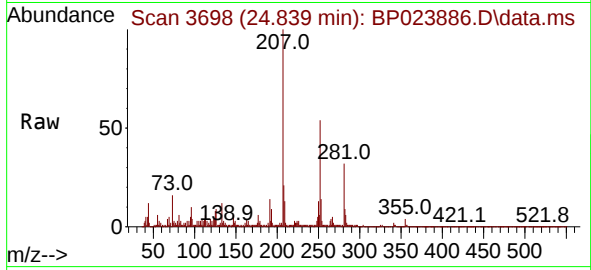
Tgt Ion:	252	Resp:	396531
Ion Ratio	Lower	Upper	
252	100		
253	24.7	17.5	26.3
125	13.4	8.2	12.2





#93
Benzo(a)pyrene
Concen: 1.414 ng/ul
RT: 24.839 min Scan# 30
Delta R.T. -0.018 min
Lab File: BP023886.D
Acq: 03 Feb 2025 19:16

Instrument :
BNA_P
ClientSampleId :
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Tgt Ion:252 Resp: 20758
Ion Ratio Lower Upper
252 100
253 25.1 17.8 26.6
125 14.2 9.2 13.8

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