

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP020325\
 Data File : BP023904.D
 Acq On : 04 Feb 2025 08:07
 Operator : RC/JU
 Sample : Q1190-01
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 A44S2

Manual Integrations
 APPROVED

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

Quant Time: Feb 04 08:37:42 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	494231	20.000	ng/u1	0.00
20) Naphthalene-d8	10.551	136	2108108	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.398	164	1337786	20.000	ng/u1	0.01
64) Phenanthrene-d10	17.186	188	2642999	20.000	ng/u1	0.00
79) Chrysene-d12	21.633	240	2585681	20.000	ng/u1	0.00
88) Perylene-d12	25.009	264	2807321	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.293	96	53659	4.511	ng/uL	0.00
4) Pyridine-d5	3.705	84	705902	20.566	ng/u1	0.00
7) Phenol-d5	6.957	99	1071930	24.508	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.110	67	567177	24.499	ng/u1	0.00
11) 2-Chlorophenol-d4	7.316	132	865826	25.209	ng/u1	0.00
15) 4-Methylphenol-d8	8.481	113	873591	24.450	ng/u1	0.00
21) Nitrobenzene-d5	8.922	128	418633	24.821	ng/u1	0.00
24) 2-Nitrophenol-d4	9.634	143	443079	24.346	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.175	165	809504	24.247	ng/u1	0.00
31) 4-Chloroaniline-d4	10.687	131	931671	18.660	ng/u1	0.01
46) Dimethylphthalate-d6	13.798	166	2286291	22.912	ng/u1	0.00
49) Acenaphthylene-d8	14.086	160	2469824	21.945	ng/u1	0.00
54) 4-Nitrophenol-d4	14.610	143	361223	18.228	ng/u1	0.00
60) Fluorene-d10	15.398	176	1715775	20.418	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.516	200	211842	12.992	ng/u1	0.00
73) Anthracene-d10	17.286	188	2407195	18.550	ng/u1	0.00
81) Pyrene-d10	19.663	212	2616238	18.884	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.786	264	2325846	15.879	ng/u1	0.01
Target Compounds						
					Qvalue	
8) Phenol	6.987	94	71988	1.603	ng/u1	95
72) Phenanthrene	17.233	178	882223	5.911	ng/u1	99
80) Fluoranthene	19.316	202	1351422	8.468	ng/u1	100
82) Pyrene	19.692	202	1154192	6.916	ng/u1	98
85) Benzo(a)anthracene	21.615	228	519387	3.055	ng/u1	96
87) Chrysene	21.680	228	570434	3.641	ng/u1	96
90) Benzo(b)fluoranthene	23.945	252	676296	3.970	ng/u1#	97
91) Benzo(k)fluoranthene	24.009	252	203885	1.194	ng/u1	96
93) Benzo(a)pyrene	24.851	252	448848	2.822	ng/u1	97
94) Indeno(1,2,3-cd)pyrene	28.850	276	310483m	1.506	ng/u1	
96) Benzo(g,h,i)perylene	30.021	276	290793	1.841	ng/u1	99

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

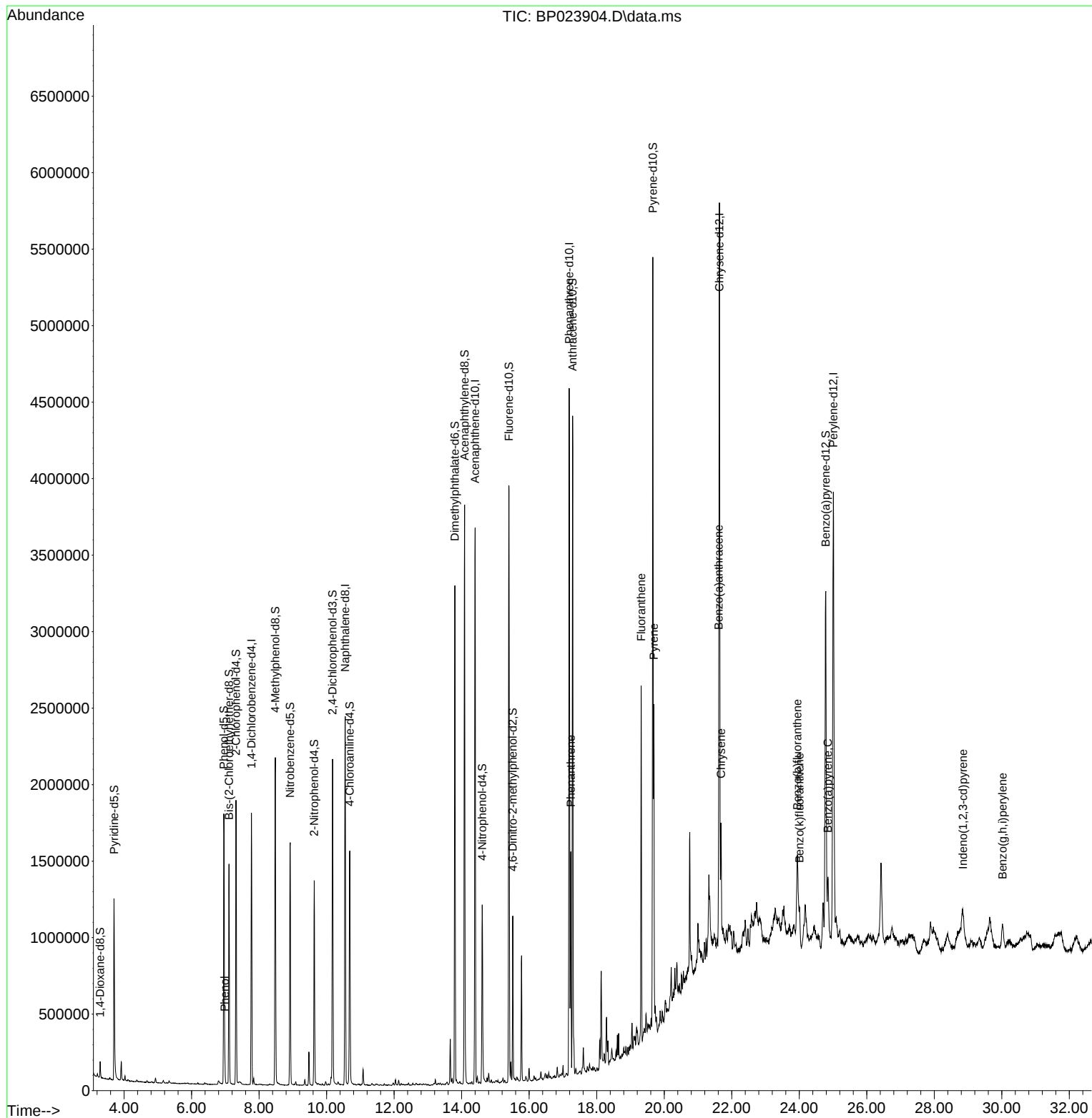
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP020325\
 Data File : BP023904.D
 Acq On : 04 Feb 2025 08:07
 Operator : RC/JU
 Sample : Q1190-01
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

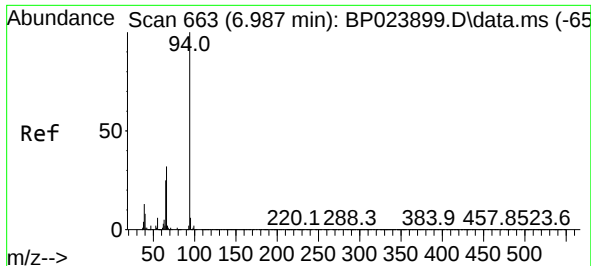
Instrument :
 BNA_P
 ClientSampleId :
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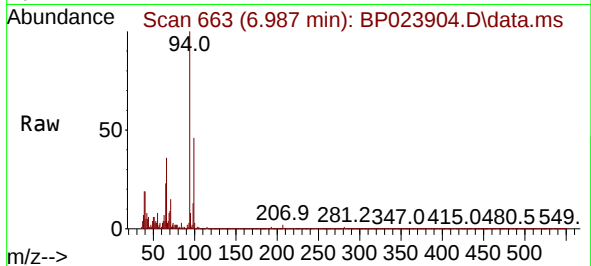
Quant Time: Feb 04 08:37:42 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP012925.MA.M
 Quant Title : SVOA CALIBRATION
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#8
Phenol
Concen: 1.603 ng/ul
RT: 6.987 min Scan# 60
Delta R.T. 0.006 min
Lab File: BP023904.D
Acq: 04 Feb 2025 08:07

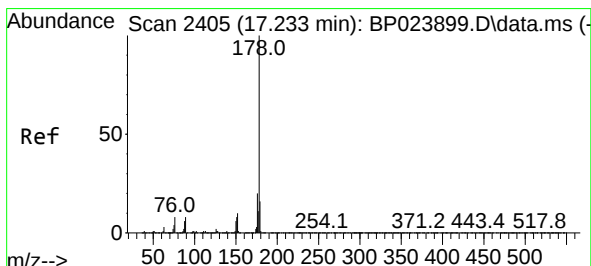
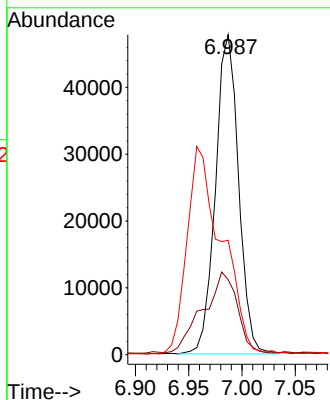
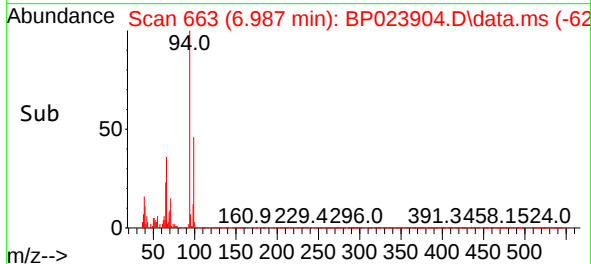
Instrument :
BNA_P
ClientSampleId :
A44S2



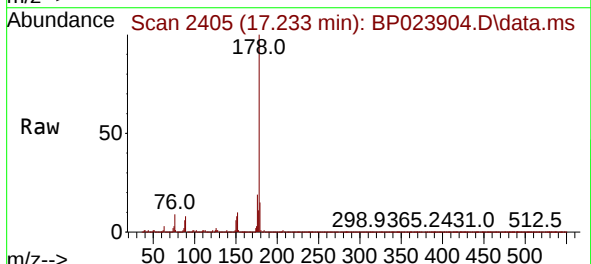
Tgt Ion: 94 Resp: 71988
Ion Ratio Lower Upper
94 100
65 23.4 20.1 30.1
66 35.7 26.0 39.0

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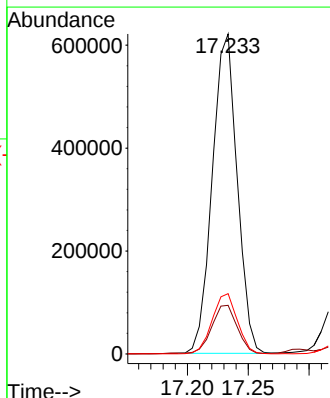
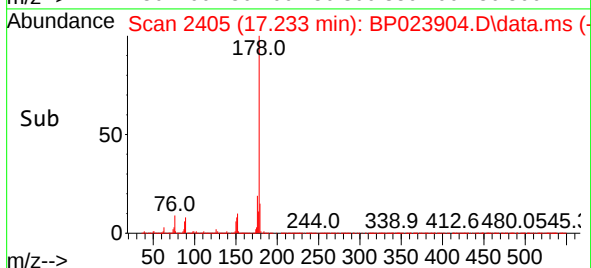
Reviewed By :Jagrut Upadhyay 02/04/2025
Supervised By :mohammad ahmed 02/06/2025

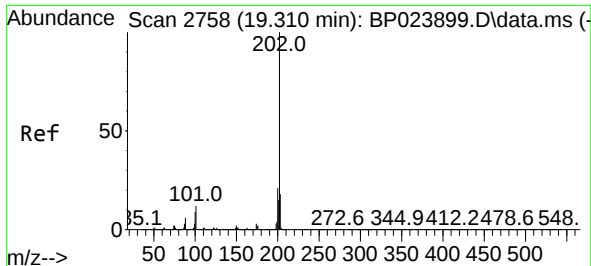


#72
Phenanthrene
Concen: 5.911 ng/ul
RT: 17.233 min Scan# 2405
Delta R.T. 0.006 min
Lab File: BP023904.D
Acq: 04 Feb 2025 08:07



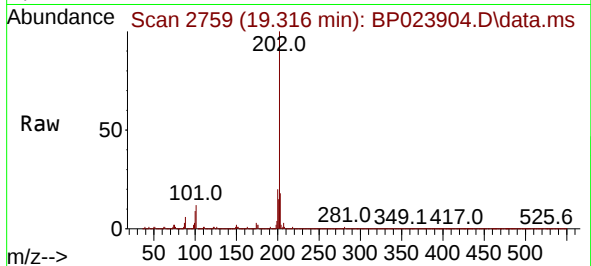
Tgt Ion:178 Resp: 882223
Ion Ratio Lower Upper
178 100
179 15.2 12.2 18.4
176 18.8 15.6 23.4





#80
Fluoranthene
Concen: 8.468 ng/ul
RT: 19.316 min Scan# 21
Delta R.T. -0.000 min
Lab File: BP023904.D
Acq: 04 Feb 2025 08:07

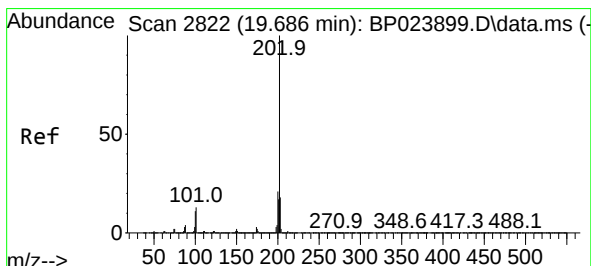
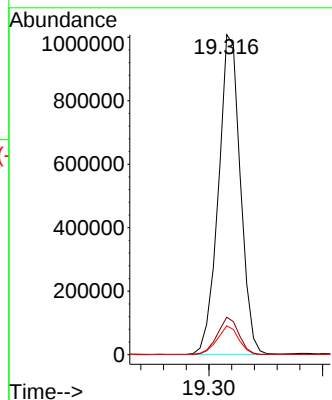
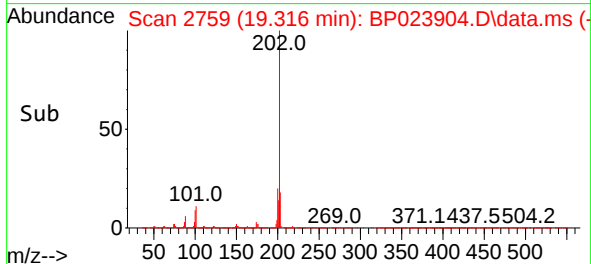
Instrument :
BNA_P
ClientSampleId :
A44S2



Tgt Ion:202 Resp: 135142
Ion Ratio Lower Upper
202 100
101 11.7 9.4 14.2
100 9.0 7.0 10.6

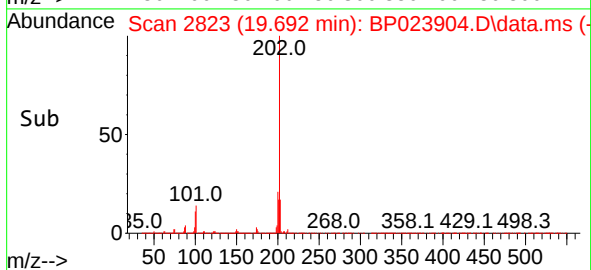
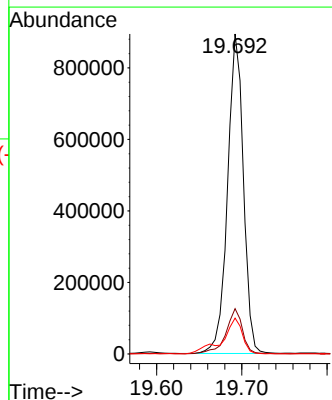
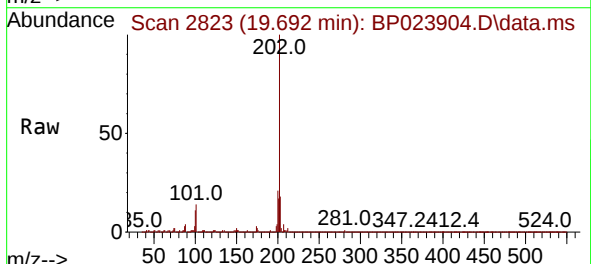
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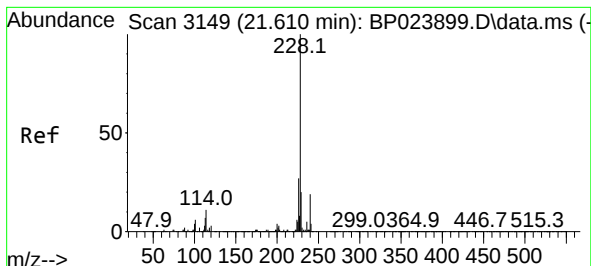
Reviewed By :Jagrut Upadhyay 02/04/2025
Supervised By :mohammad ahmed 02/06/2025



#82
Pyrene
Concen: 6.916 ng/ul
RT: 19.692 min Scan# 2823
Delta R.T. -0.000 min
Lab File: BP023904.D
Acq: 04 Feb 2025 08:07

Tgt Ion:202 Resp: 1154192
Ion Ratio Lower Upper
202 100
101 14.1 10.4 15.6
100 11.2 8.6 12.8





#85

Benzo(a)anthracene

Concen: 3.055 ng/ul

RT: 21.615 min Scan# 3149

Delta R.T. -0.000 min

Lab File: BP023904.D

Acq: 04 Feb 2025 08:07

Instrument :

BNA_P

ClientSampleId :

A44S2

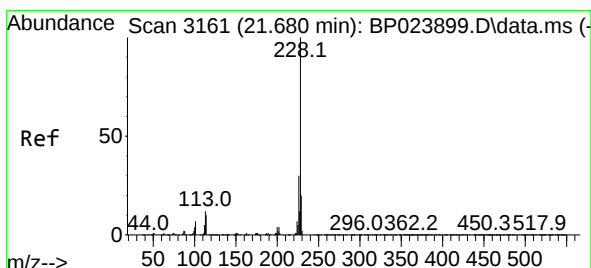
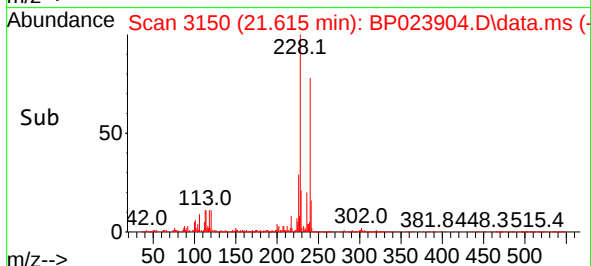
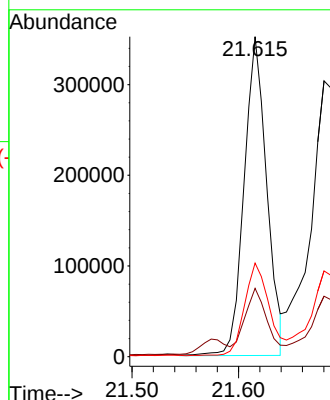
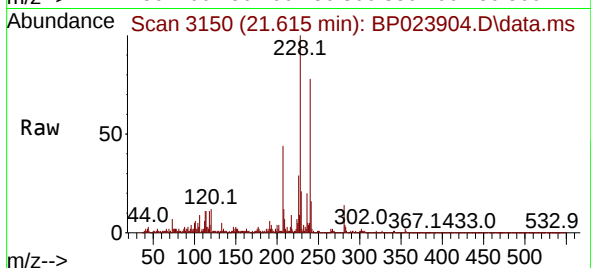
Tgt Ion:228 Resp: 51938

Ion	Ratio	Lower	Upper
228	100		
229	21.4	15.9	23.9
226	29.3	21.7	32.5

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#87

Chrysene

Concen: 3.641 ng/ul

RT: 21.680 min Scan# 3161

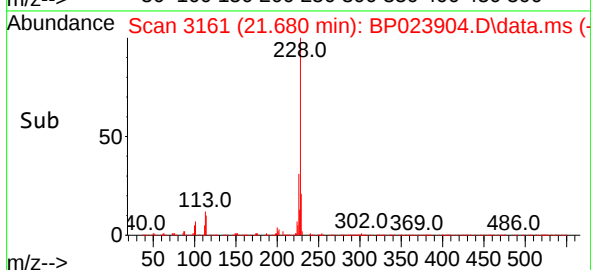
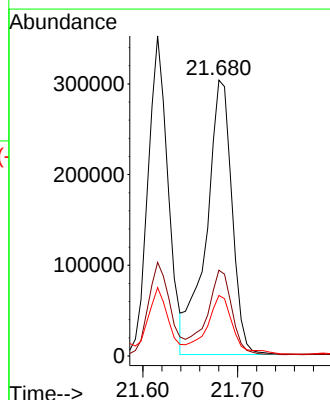
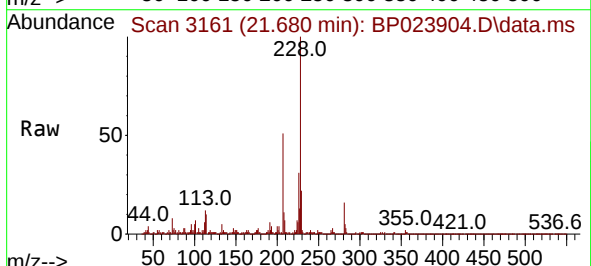
Delta R.T. -0.006 min

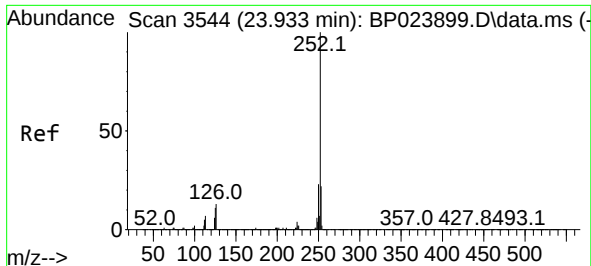
Lab File: BP023904.D

Acq: 04 Feb 2025 08:07

Tgt Ion:228 Resp: 570434

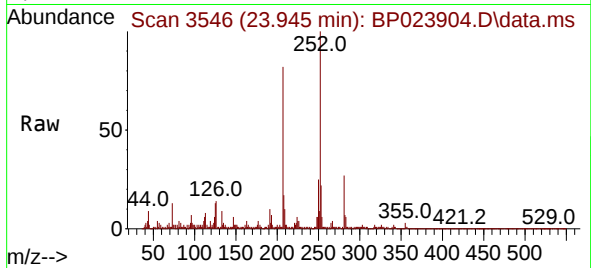
Ion	Ratio	Lower	Upper
228	100		
226	31.1	23.8	35.6
229	22.0	15.7	23.5





#90
Benzo(b)fluoranthene
Concen: 3.970 ng/ul
RT: 23.945 min Scan# 3544
Delta R.T. -0.000 min
Lab File: BP023904.D
Acq: 04 Feb 2025 08:07

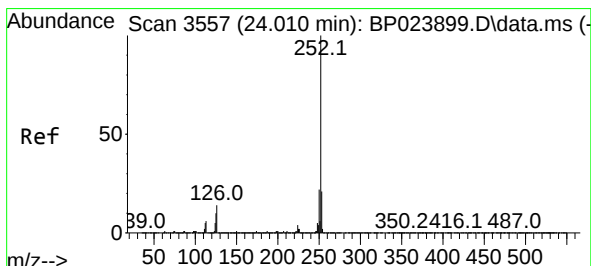
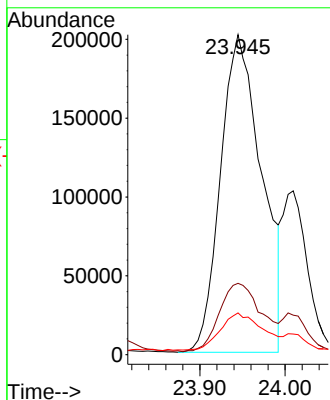
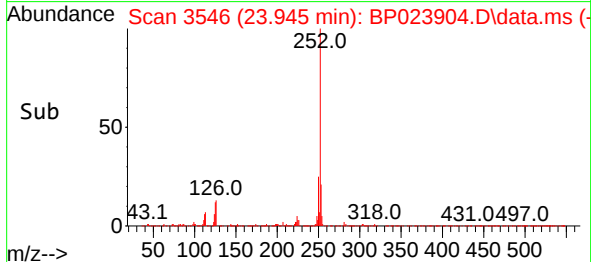
Instrument :
BNA_P
ClientSampleId :
A44S2



Tgt Ion:252 Resp: 676290
Ion Ratio Lower Upper
252 100
253 22.3 17.5 26.3
125 13.0 8.2 12.2

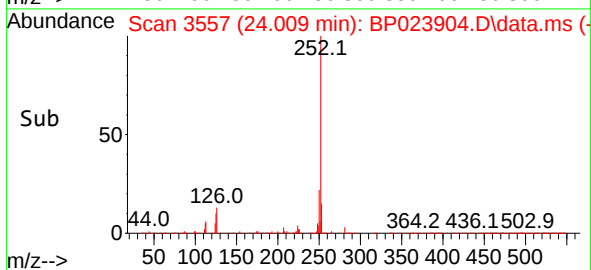
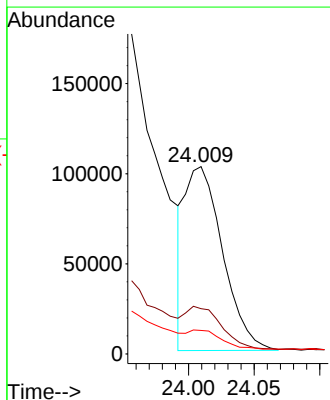
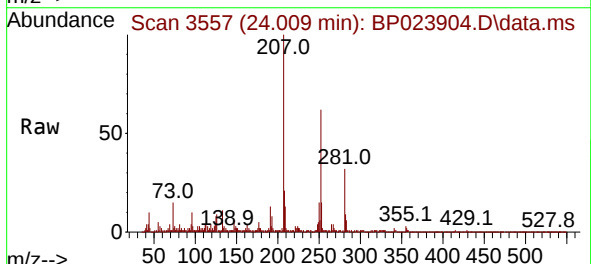
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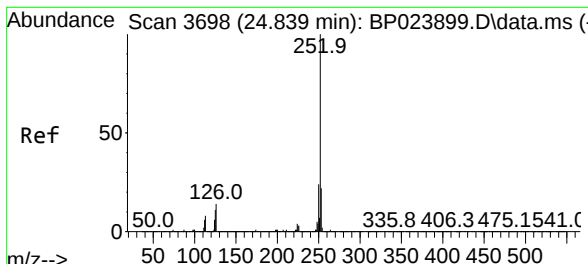
Reviewed By :Jagrut Upadhyay 02/04/2025
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#91
Benzo(k)fluoranthene
Concen: 1.194 ng/ul
RT: 24.009 min Scan# 3557
Delta R.T. -0.000 min
Lab File: BP023904.D
Acq: 04 Feb 2025 08:07

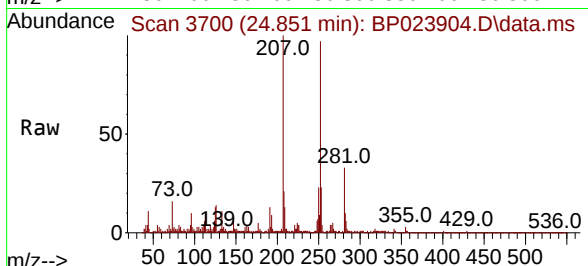
Tgt Ion:252 Resp: 203885
Ion Ratio Lower Upper
252 100
253 24.1 17.8 26.6
125 12.6 8.5 12.7





#93
Benzo(a)pyrene
Concen: 2.822 ng/ul
RT: 24.851 min Scan# 31
Delta R.T. -0.006 min
Lab File: BP023904.D
Acq: 04 Feb 2025 08:07

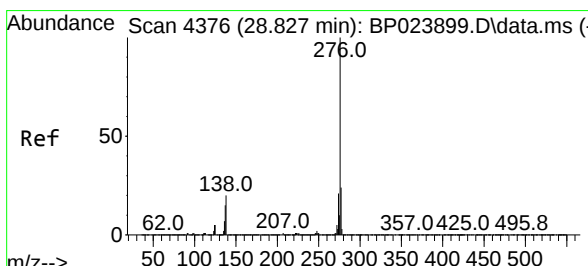
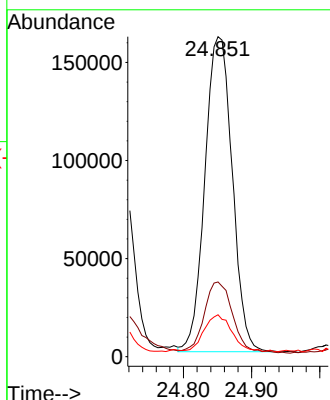
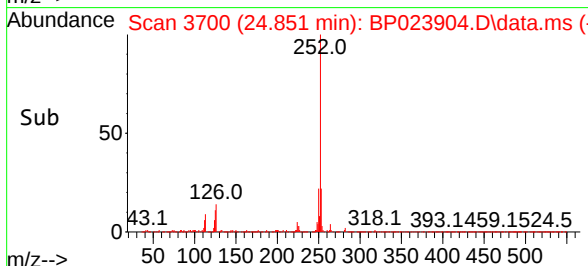
Instrument :
BNA_P
ClientSampleId :
A44S2



Tgt Ion:252 Resp: 44884
Ion Ratio Lower Upper
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253 23.3 17.8 26.6
125 13.1 9.2 13.8

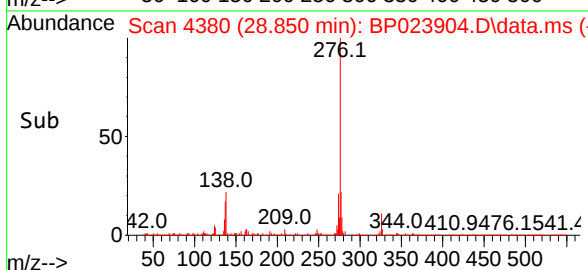
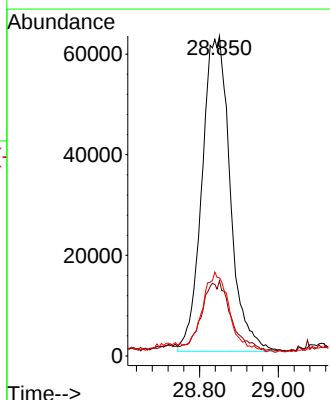
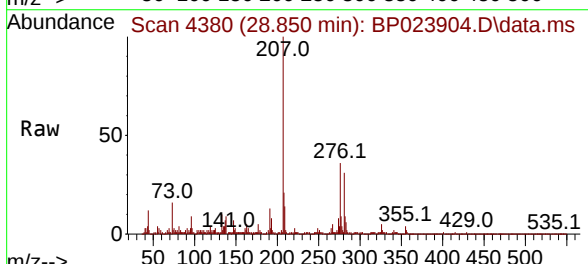
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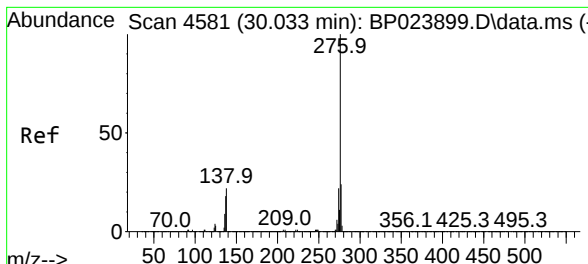
Reviewed By :Jagrut Upadhyay 02/04/2025
Supervised By :mohammad ahmed 02/06/2025



#94
Indeno(1,2,3-cd)pyrene
Concen: 1.506 ng/ul m
RT: 28.850 min Scan# 4380
Delta R.T. 0.023 min
Lab File: BP023904.D
Acq: 04 Feb 2025 08:07

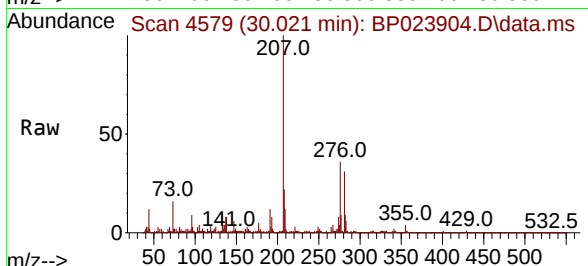
Tgt Ion:276 Resp: 310483
Ion Ratio Lower Upper
276 100
138 23.5 15.9 23.9
277 24.5 19.0 28.4





#96
 Benzo(g,h,i)perylene
 Concen: 1.841 ng/ul
 RT: 30.021 min Scan# 4579
 Delta R.T. 0.017 min
 Lab File: BP023904.D
 Acq: 04 Feb 2025 08:07

Instrument :
 BNA_P
 ClientSampleId :
 A44S2



Tgt Ion: 276 Resp: 29079

Ion	Ratio	Lower	Upper
276	100		
138	22.1	17.8	26.6
277	24.9	19.0	28.6

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