

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP020325\
 Data File : BP023887.D
 Acq On : 03 Feb 2025 19:56
 Operator : RC/JU
 Sample : Q1190-14
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 A44T3

Manual Integrations
 APPROVED

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

Quant Time: Feb 04 07:47:51 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	445555	20.000	ng/u1	0.00
20) Naphthalene-d8	10.545	136	1934755	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.392	164	1209566	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.204	188	2342684	20.000	ng/u1	0.02
79) Chrysene-d12	21.645	240	2295314	20.000	ng/u1	0.00
88) Perylene-d12	25.021	264	2502340	20.000	ng/u1	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.293	96	46136	4.302	ng/uL	0.00
4) Pyridine-d5	3.705	84	616236	19.915	ng/u1	0.00
7) Phenol-d5	6.957	99	841072	21.331	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.110	67	490877	23.520	ng/u1	0.00
11) 2-Chlorophenol-d4	7.316	132	692918	22.378	ng/u1	0.00
15) 4-Methylphenol-d8	8.481	113	513400	15.939	ng/u1	0.00
21) Nitrobenzene-d5	8.916	128	345996	22.352	ng/u1	0.00
24) 2-Nitrophenol-d4	9.634	143	358974	21.492	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.175	165	655104	21.380	ng/u1	0.00
31) 4-Chloroaniline-d4	10.681	131	451949	9.863	ng/u1	0.00
46) Dimethylphthalate-d6	13.798	166	1895065	21.004	ng/u1	0.00
49) Acenaphthylene-d8	14.086	160	2179915	21.423	ng/u1	0.00
54) 4-Nitrophenol-d4	14.616	143	273006	15.237	ng/u1	0.00
60) Fluorene-d10	15.398	176	1568908	20.650	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.522	200	155358	10.750	ng/u1	0.01
73) Anthracene-d10	17.298	188	2130113	18.519	ng/u1	0.01
81) Pyrene-d10	19.674	212	2325794	18.911	ng/u1	0.01
92) Benzo(a)pyrene-d12	24.768	264	1542822	11.817	ng/u1	0.00
Target Compounds					Qvalue	
8) Phenol	6.987	94	57278	1.415	ng/u1	93
30) Naphthalene	10.598	128	106611	1.029	ng/u1	99
36) 2-Methylnaphthalene	12.210	142	136194	1.870	ng/u1	99
72) Phenanthrene	17.245	178	335121	2.533	ng/u1	99
80) Fluoranthene	19.327	202	475301	3.355	ng/u1	99
82) Pyrene	19.704	202	431465	2.912	ng/u1	98
85) Benzo(a)anthracene	21.621	228	177137	1.174	ng/u1#	88
87) Chrysene	21.692	228	346596	2.492	ng/u1#	93
90) Benzo(b)fluoranthene	23.933	252	336085	2.213	ng/u1#	94
93) Benzo(a)pyrene	24.839	252	189102	1.334	ng/u1#	89
96) Benzo(g,h,i)perylene	30.027	276	153176m	1.088	ng/u1	

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

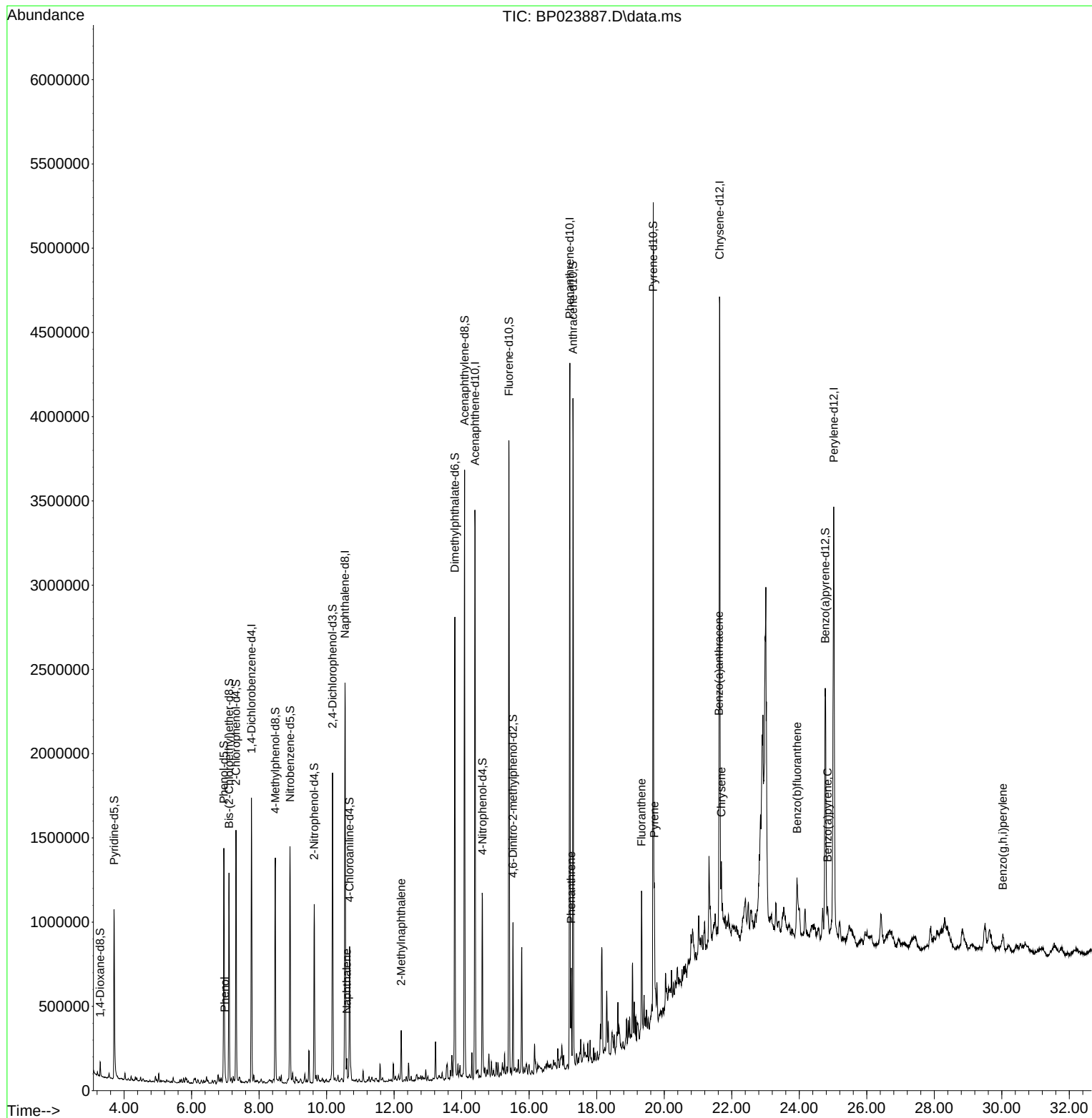
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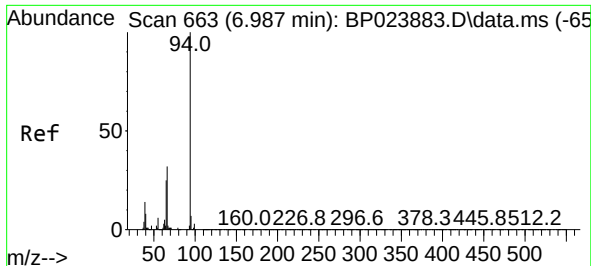
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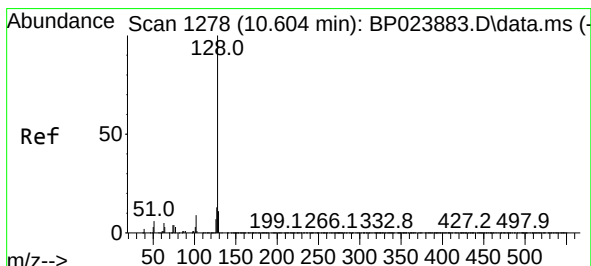
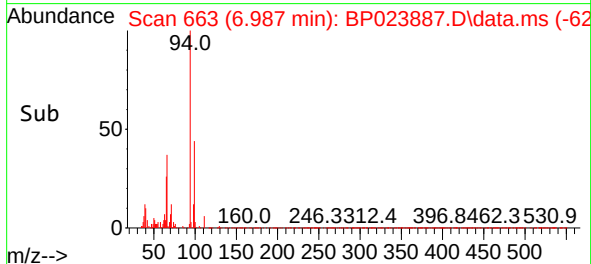
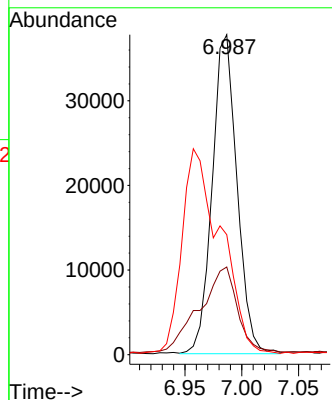
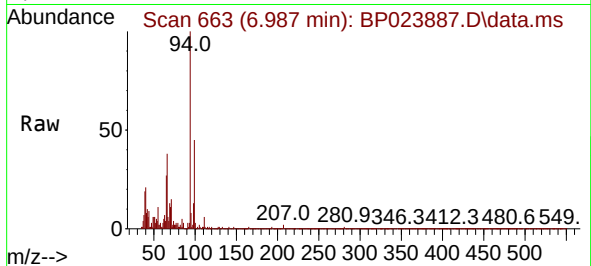
#8
Phenol
Concen: 1.415 ng/ul
RT: 6.987 min Scan# 60
Delta R.T. 0.006 min
Lab File: BP023887.D
Acq: 03 Feb 2025 19:56

Instrument :
BNA_P
ClientSampleId :
A44T3

Tgt Ion: 94 Resp: 57278
Ion Ratio Lower Upper
94 100
65 27.4 20.1 30.1
66 37.5 26.0 39.0

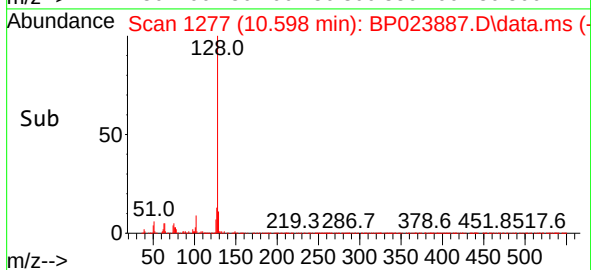
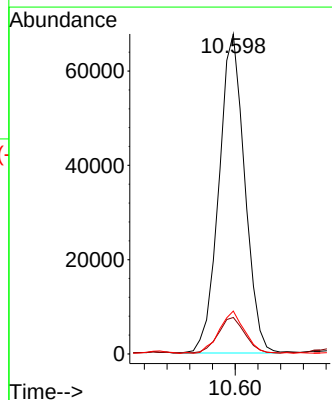
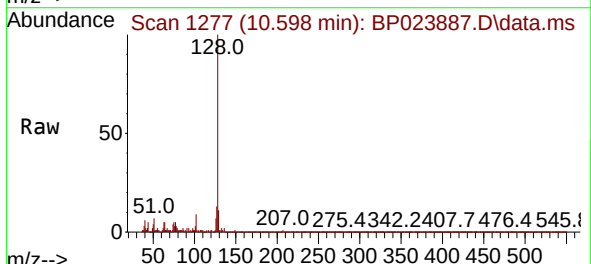
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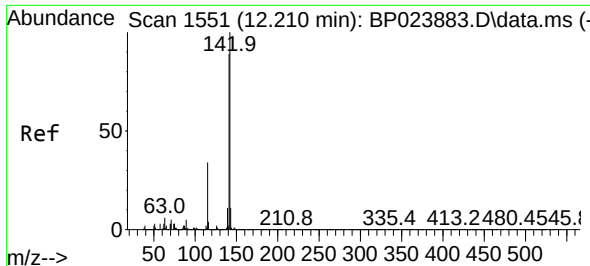
Reviewed By :Jagrut Upadhyay 02/04/2025
Supervised By :mohammad ahmed 02/06/2025



#30
Naphthalene
Concen: 1.029 ng/ul
RT: 10.598 min Scan# 1277
Delta R.T. 0.006 min
Lab File: BP023887.D
Acq: 03 Feb 2025 19:56

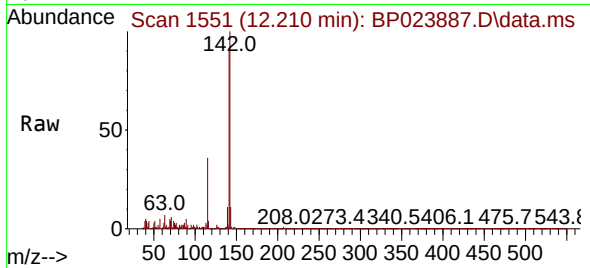
Tgt Ion:128 Resp: 106611
Ion Ratio Lower Upper
128 100
129 11.4 8.7 13.1
127 13.4 10.5 15.7





#36
2-Methylnaphthalene
Concen: 1.870 ng/ul
RT: 12.210 min Scan# 11
Delta R.T. 0.006 min
Lab File: BP023887.D
Acq: 03 Feb 2025 19:56

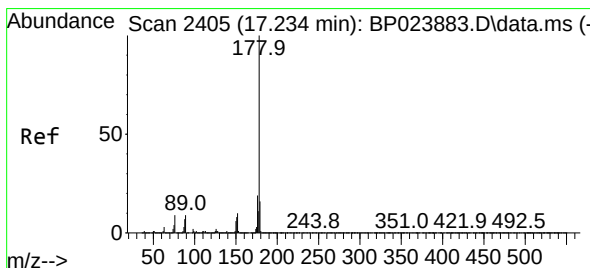
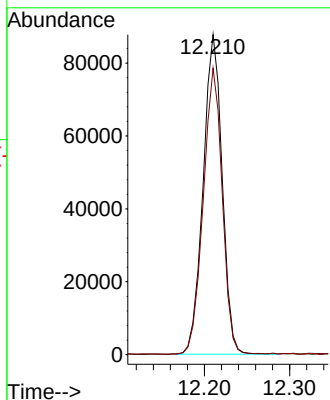
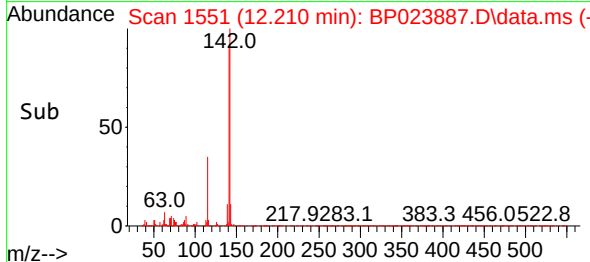
Instrument :
BNA_P
ClientSampleId :
A44T3



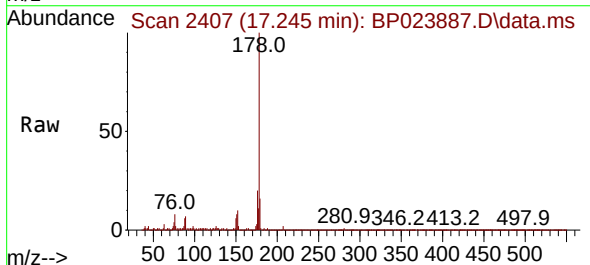
Tgt Ion:142 Resp: 136194
Ion Ratio Lower Upper
142 100
141 89.5 70.8 106.2

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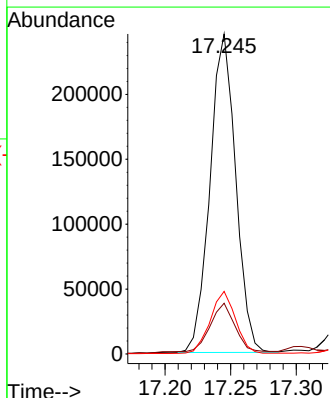
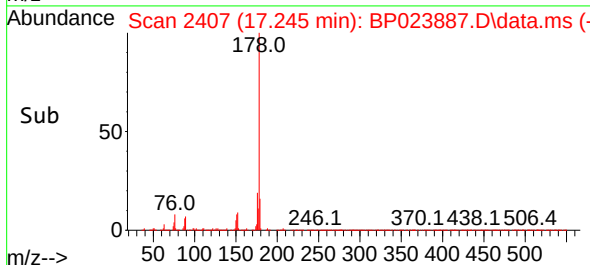
Reviewed By :Jagrut Upadhyay 02/04/2025
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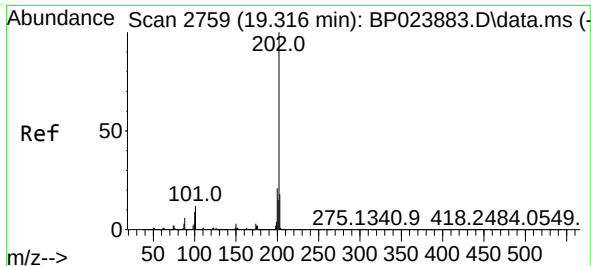


#72
Phenanthrene
Concen: 2.533 ng/ul
RT: 17.245 min Scan# 2407
Delta R.T. 0.017 min
Lab File: BP023887.D
Acq: 03 Feb 2025 19:56



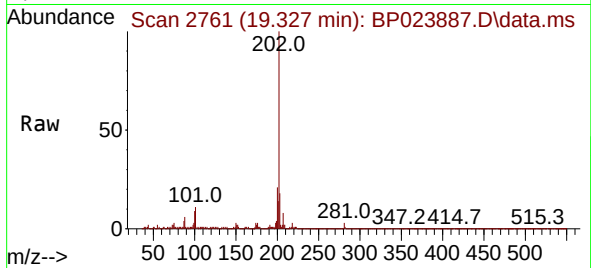
Tgt Ion:178 Resp: 335121
Ion Ratio Lower Upper
178 100
179 15.8 12.2 18.4
176 19.5 15.6 23.4





#80
Fluoranthene
Concen: 3.355 ng/u1
RT: 19.327 min Scan# 21
Delta R.T. 0.012 min
Lab File: BP023887.D
Acq: 03 Feb 2025 19:56

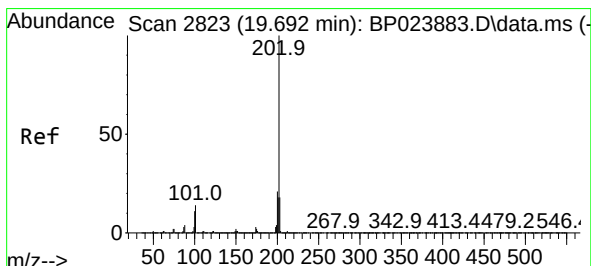
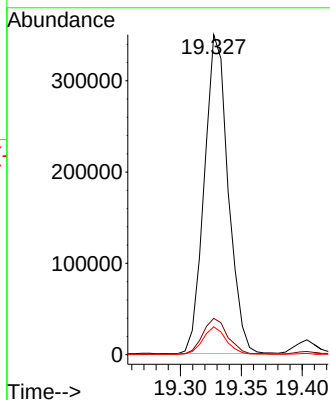
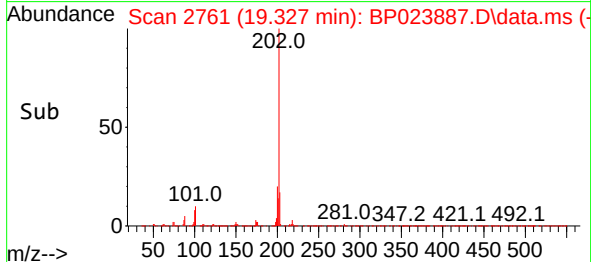
Instrument :
BNA_P
ClientSampleId :
A44T3



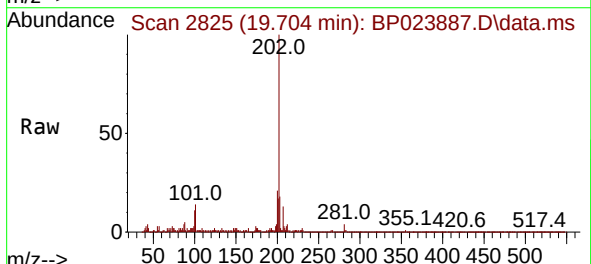
Tgt Ion:202 Resp: 47530
Ion Ratio Lower Upper
202 100
101 11.3 9.4 14.2
100 8.7 7.0 10.6

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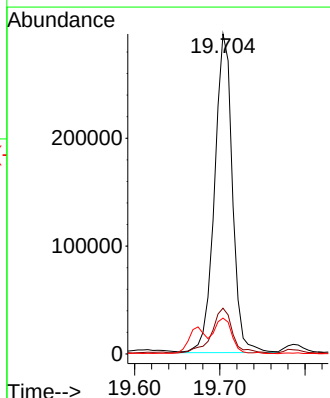
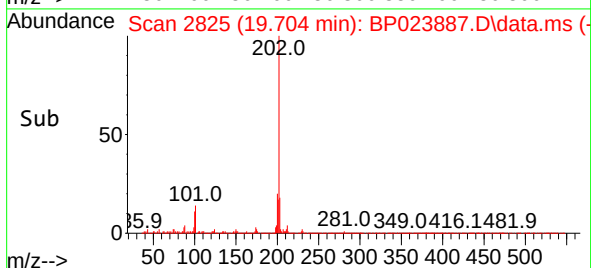
Reviewed By :Jagrut Upadhyay 02/04/2025
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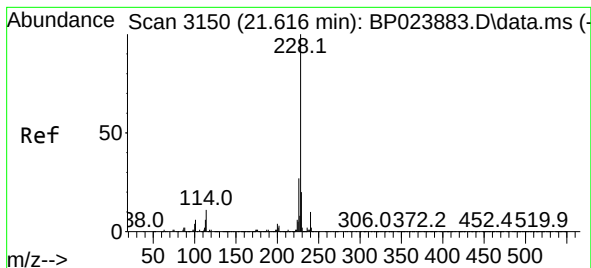


#82
Pyrene
Concen: 2.912 ng/u1
RT: 19.704 min Scan# 2825
Delta R.T. 0.011 min
Lab File: BP023887.D
Acq: 03 Feb 2025 19:56



Tgt Ion:202 Resp: 431465
Ion Ratio Lower Upper
202 100
101 14.3 10.4 15.6
100 11.2 8.6 12.8





#85

Benzo(a)anthracene

Concen: 1.174 ng/uI

RT: 21.621 min Scan# 3151

Delta R.T. 0.006 min

Lab File: BP023887.D

Acq: 03 Feb 2025 19:56

Instrument :

BNA_P

ClientSampleId :

A44T3

Tgt Ion:228 Resp: 17713

Ion Ratio Lower Upper

228 100

229 26.1 15.9 23.9

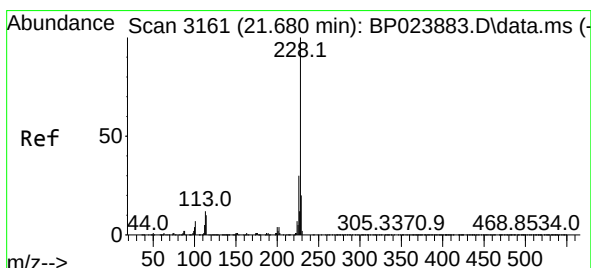
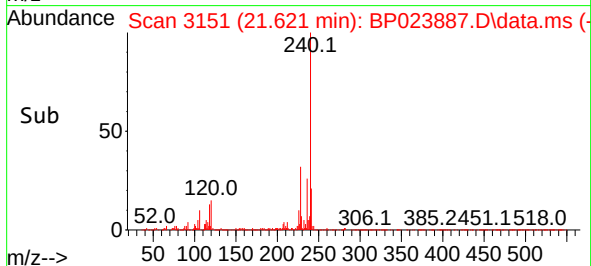
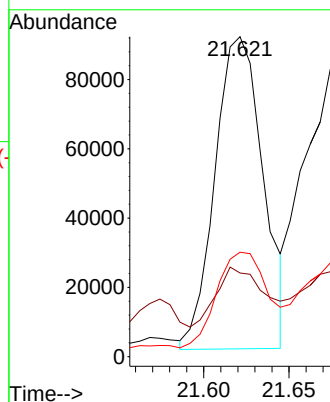
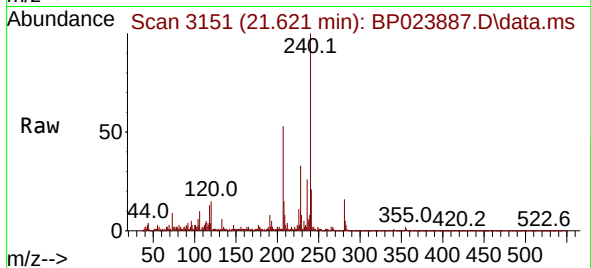
226 32.6 21.7 32.5

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#87

Chrysene

Concen: 2.492 ng/uI

RT: 21.692 min Scan# 3163

Delta R.T. 0.006 min

Lab File: BP023887.D

Acq: 03 Feb 2025 19:56

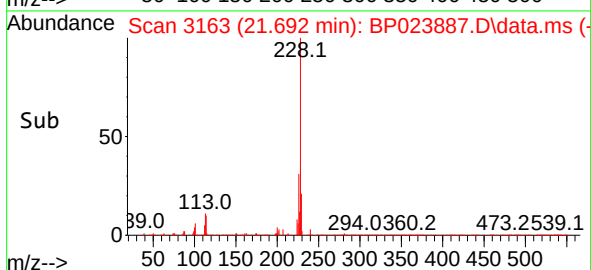
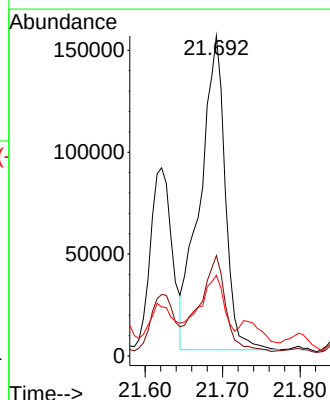
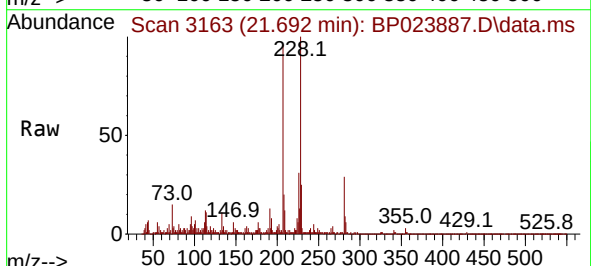
Tgt Ion:228 Resp: 346596

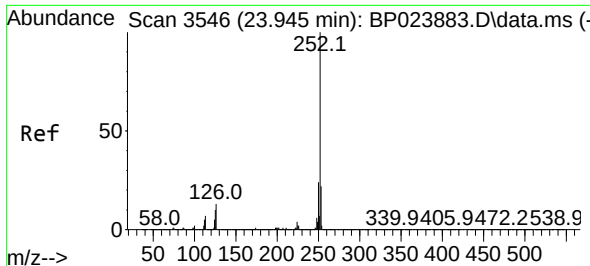
Ion Ratio Lower Upper

228 100

226 31.3 23.8 35.6

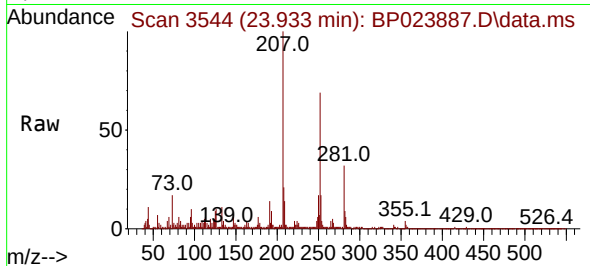
229 25.2 15.7 23.5





#90
Benzo(b)fluoranthene
Concen: 2.213 ng/ul
RT: 23.933 min Scan# 3544
Delta R.T. -0.012 min
Lab File: BP023887.D
Acq: 03 Feb 2025 19:56

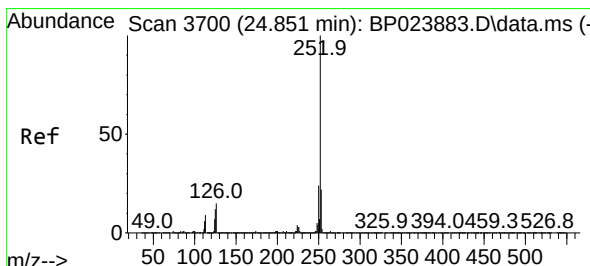
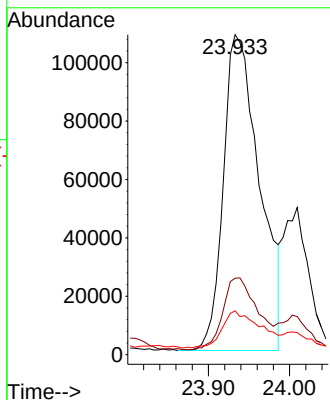
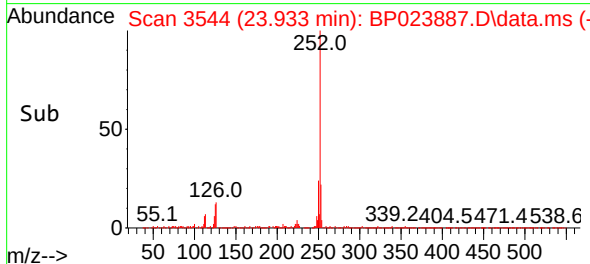
Instrument : BNA_P
ClientSampleId : A44T3



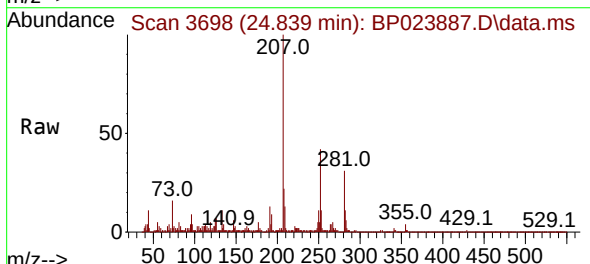
Tgt Ion:252 Resp: 336085
Ion Ratio Lower Upper
252 100
253 23.9 17.5 26.3
125 13.7 8.2 12.2

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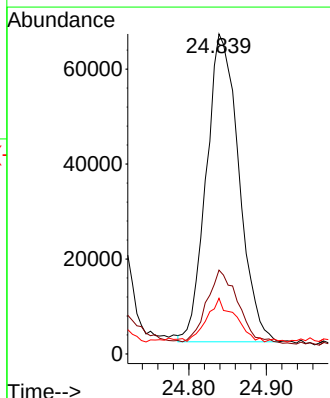
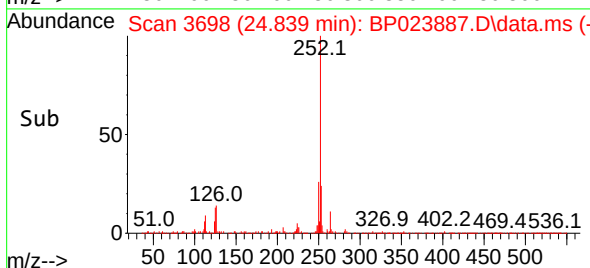
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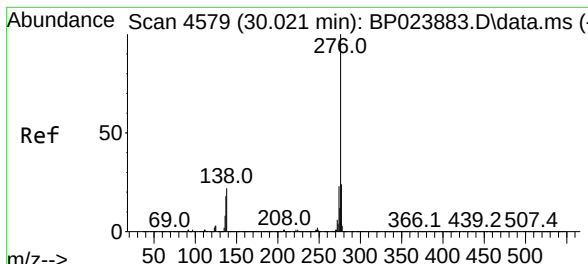


#93
Benzo(a)pyrene
Concen: 1.334 ng/ul
RT: 24.839 min Scan# 3698
Delta R.T. -0.018 min
Lab File: BP023887.D
Acq: 03 Feb 2025 19:56



Tgt Ion:252 Resp: 189102
Ion Ratio Lower Upper
252 100
253 26.2 17.8 26.6
125 17.4 9.2 13.8





#96
Benzo(g,h,i)perylene
Concen: 1.088 ng/ul m
RT: 30.027 min Scan# 4580
Delta R.T. 0.023 min
Lab File: BP023887.D
Acq: 03 Feb 2025 19:56

Instrument :
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ClientSampleId :
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Tgt Ion: 276 Resp: 153170

Ion	Ratio	Lower	Upper
276	100		
138	22.7	17.8	26.6
277	25.0	19.0	28.6

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