

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP013125\
 Data File : BP023827.D
 Acq On : 31 Jan 2025 16:01
 Operator : RC/JU
 Sample : Q1190-05
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 A44S6

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 02/03/2025
 Supervised By :mohammad ahmed 02/04/2025

Quant Time: Jan 31 17:20:40 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP012925.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Jan 31 11:40:55 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.781	152	393094	20.000	ng/u1	0.00
20) Naphthalene-d8	10.557	136	1680289	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.410	164	1094754	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.210	188	2239013	20.000	ng/u1	0.01
79) Chrysene-d12	21.651	240	2415696	20.000	ng/u1	0.00
88) Perylene-d12	25.027	264	2536994	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.299	96	27392	2.895	ng/uL	0.00
4) Pyridine-d5	3.728	84	11791m	0.432	ng/u1	0.02
7) Phenol-d5	6.969	99	557523	16.026	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.116	67	316271	17.176	ng/u1	0.00
11) 2-Chlorophenol-d4	7.328	132	449125	16.441	ng/u1	0.00
15) 4-Methylphenol-d8	8.493	113	390197	13.731	ng/u1	0.00
21) Nitrobenzene-d5	8.922	128	223911	16.656	ng/u1	0.00
24) 2-Nitrophenol-d4	9.640	143	231260	15.943	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.187	165	419028	15.747	ng/u1	0.00
31) 4-Chloroaniline-d4	10.693	131	468264	11.766	ng/u1	0.00
46) Dimethylphthalate-d6	13.810	166	1533426	18.779	ng/u1	0.00
49) Acenaphthylene-d8	14.098	160	1492764	16.208	ng/u1	0.00
54) 4-Nitrophenol-d4	14.645	143	203518	12.550	ng/u1	0.02
60) Fluorene-d10	15.416	176	1129610	16.427	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.534	200	152859	11.066	ng/u1	0.01
73) Anthracene-d10	17.322	188	1675762	15.243	ng/u1	0.02
81) Pyrene-d10	19.680	212	1743109	13.467	ng/u1	0.01
92) Benzo(a)pyrene-d12	24.792	264	1150606	8.692	ng/u1	0.00
Target Compounds					Qvalue	
8) Phenol	6.999	94	52105	1.459	ng/u1	97
16) Acetophenone	8.593	105	90206	2.076	ng/u1	96
72) Phenanthrene	17.257	178	605813	4.791	ng/u1	100
74) Anthracene	17.351	178	147204	1.154	ng/u1	100
80) Fluoranthene	19.339	202	810806	5.438	ng/u1	98
82) Pyrene	19.704	202	592723	3.802	ng/u1	98
85) Benzo(a)anthracene	21.639	228	371100	2.336	ng/u1	99
87) Chrysene	21.698	228	315280	2.154	ng/u1	97
90) Benzo(b)fluoranthene	23.962	252	378719	2.460	ng/u1#	94
93) Benzo(a)pyrene	24.868	252	148324	1.032	ng/u1#	94

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

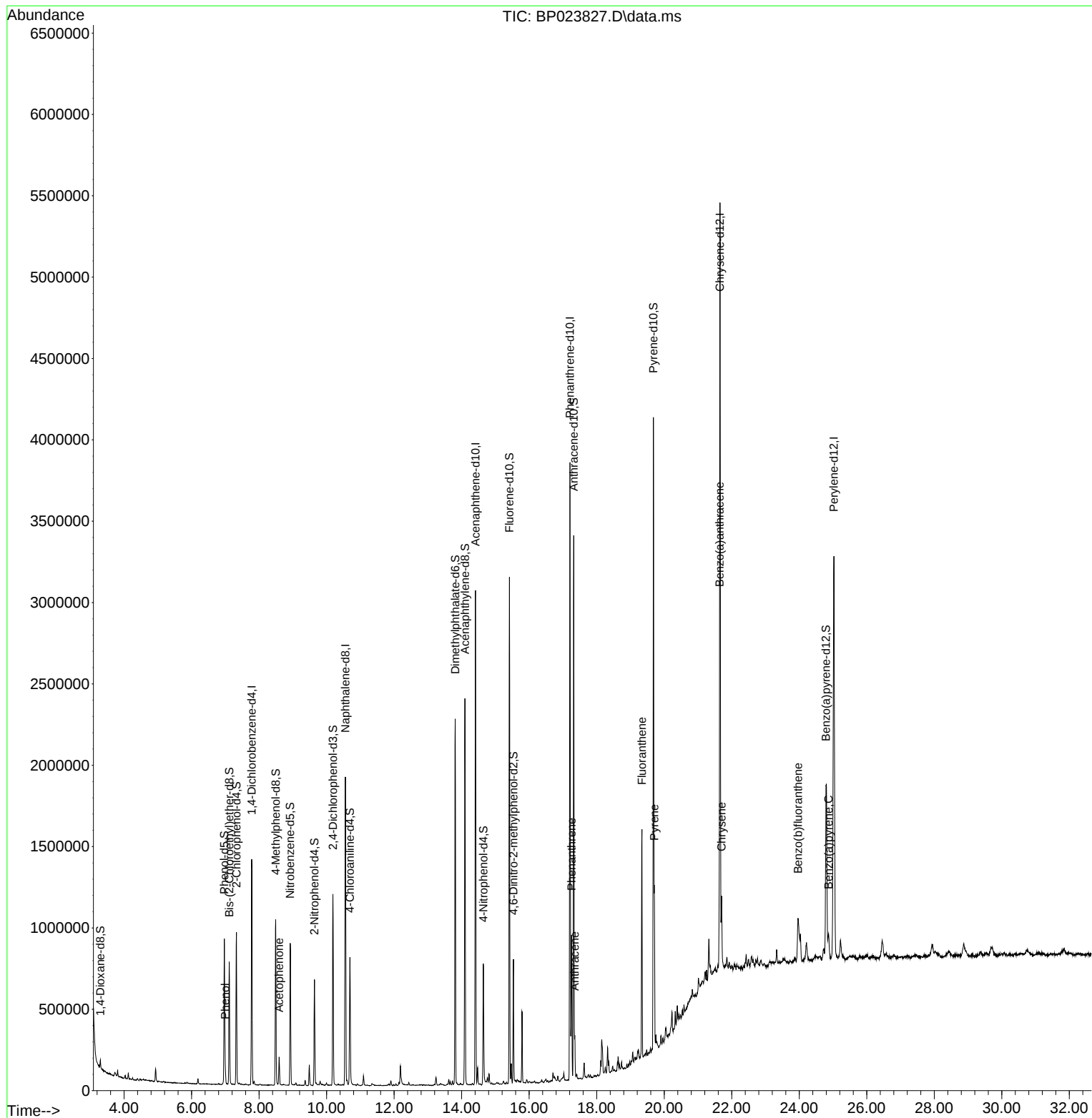
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP013125\
Data File : BP023827.D
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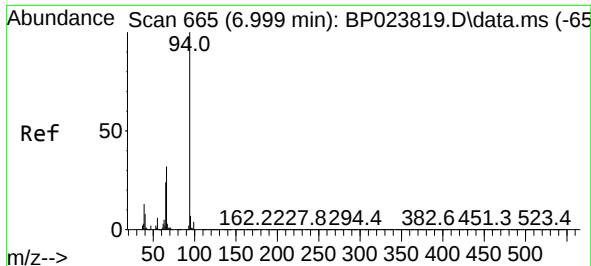
Instrument :
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ClientSampleId :
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Quant Title : SVOA CALIBRATION
QLast Update : Fri Jan 31 11:40:55 2025
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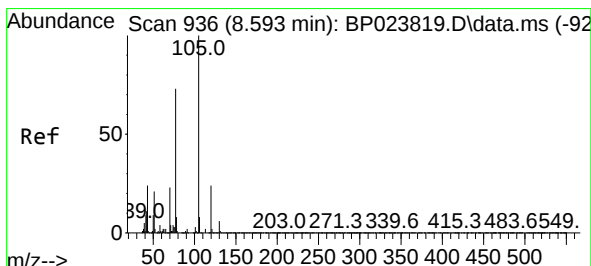
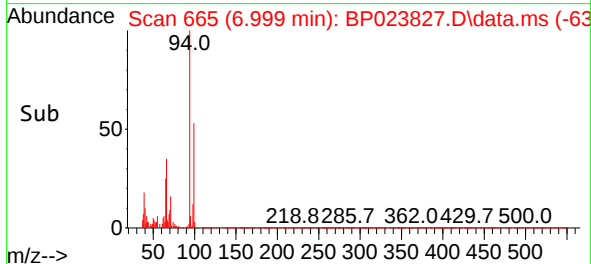
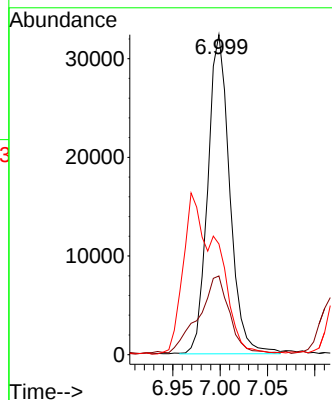
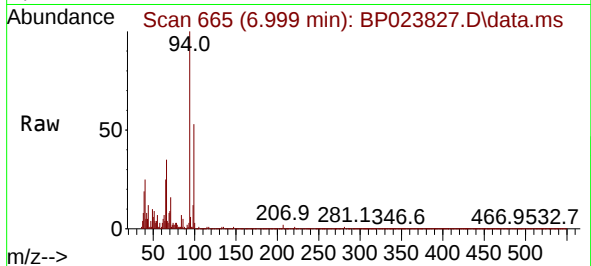
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Phenol
Concen: 1.459 ng/ul
RT: 6.999 min Scan# 60
Delta R.T. 0.000 min
Lab File: BP023827.D
Acq: 31 Jan 2025 16:01

Instrument :
BNA_P
ClientSampleId :
A44S6

Tgt Ion: 94 Resp: 5210
Ion Ratio Lower Upper
94 100
65 24.6 20.1 30.1
66 34.6 26.0 39.0

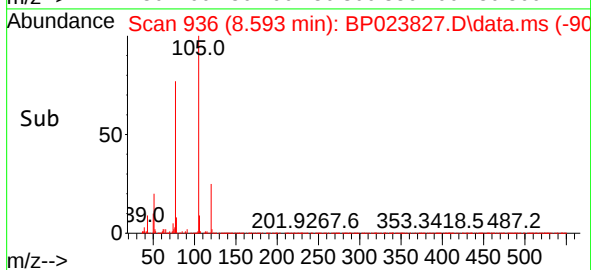
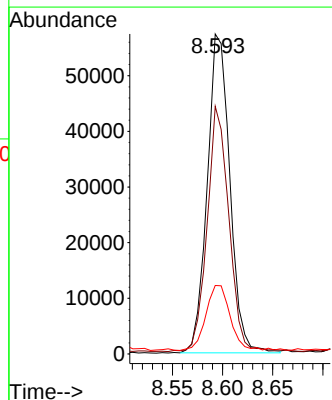
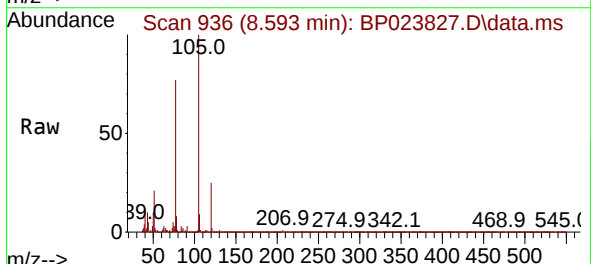
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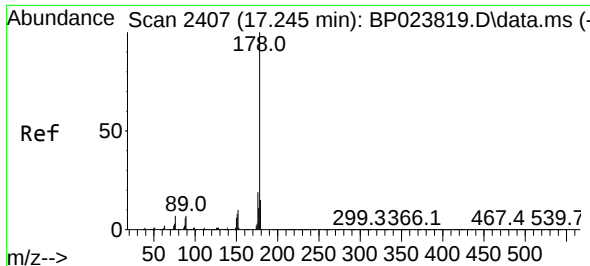
Reviewed By :Jagrut Upadhyay 02/03/2025
Supervised By :mohammad ahmed 02/04/2025



#16
Acetophenone
Concen: 2.076 ng/ul
RT: 8.593 min Scan# 936
Delta R.T. 0.000 min
Lab File: BP023827.D
Acq: 31 Jan 2025 16:01

Tgt Ion:105 Resp: 90206
Ion Ratio Lower Upper
105 100
77 77.4 58.6 87.8
51 21.4 16.6 24.8





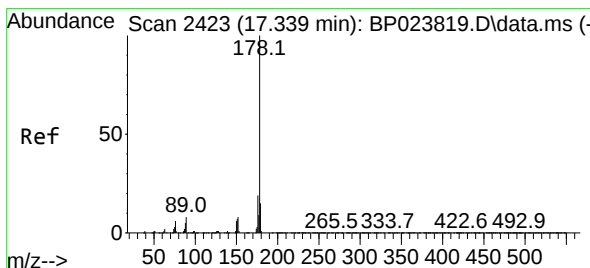
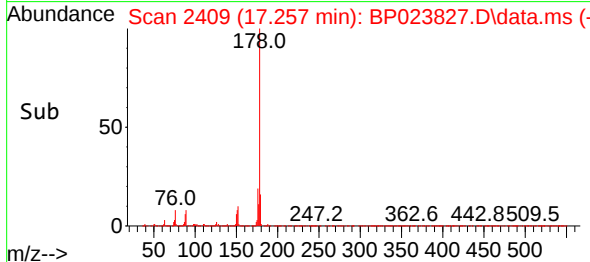
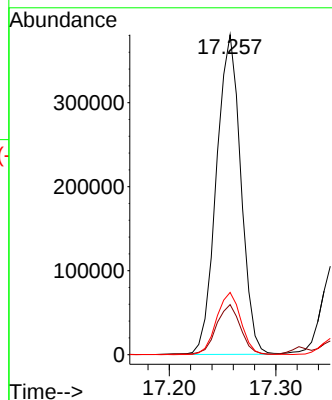
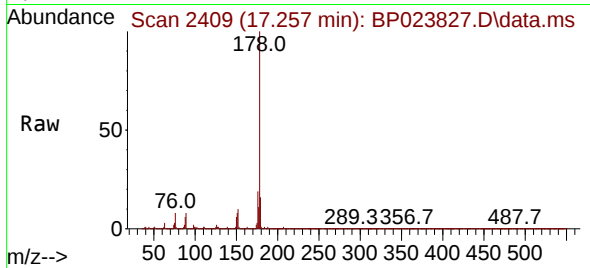
#72
Phenanthrene
Concen: 4.791 ng/ul
RT: 17.257 min Scan# 2409
Delta R.T. 0.012 min
Lab File: BP023827.D
Acq: 31 Jan 2025 16:01

Instrument :
BNA_P
ClientSampleId :
A44S6

Tgt Ion:178 Resp: 60581
Ion Ratio Lower Upper
178 100
179 15.6 12.2 18.4
176 19.5 15.6 23.4

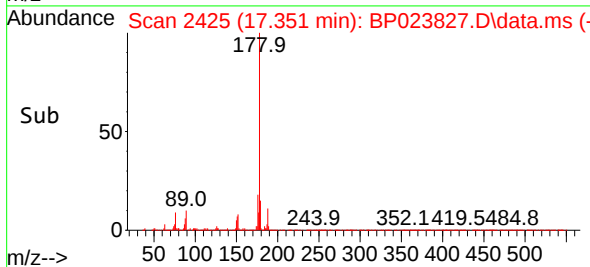
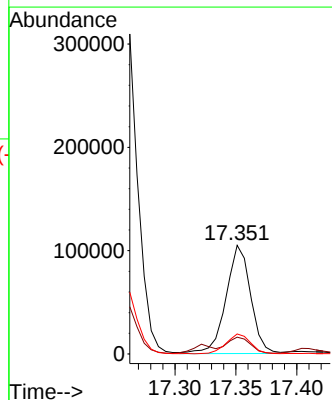
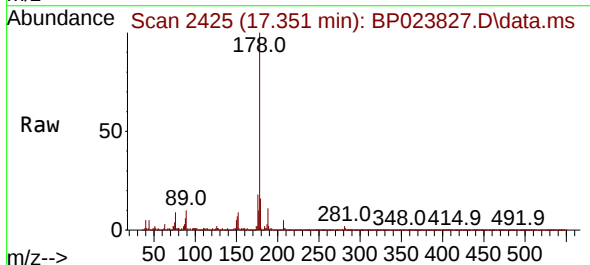
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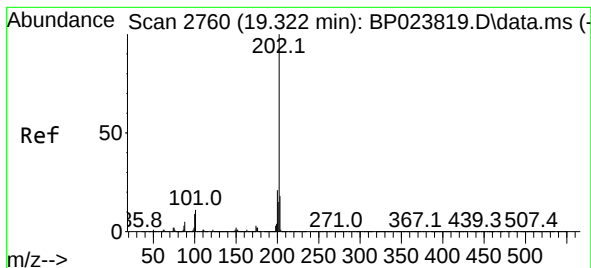
Reviewed By :Jagrut Upadhyay 02/03/2025
Supervised By :mohammad ahmed 02/04/2025



#74
Anthracene
Concen: 1.154 ng/ul
RT: 17.351 min Scan# 2425
Delta R.T. 0.012 min
Lab File: BP023827.D
Acq: 31 Jan 2025 16:01

Tgt Ion:178 Resp: 147204
Ion Ratio Lower Upper
178 100
179 15.5 12.4 18.6
176 18.4 15.0 22.4





#80

Fluoranthene

Concen: 5.438 ng/u1

RT: 19.339 min Scan# 21

Delta R.T. 0.018 min

Lab File: BP023827.D

Acq: 31 Jan 2025 16:01

Instrument :

BNA_P

ClientSampleId :

A44S6

Tgt Ion:202 Resp: 810800

Ion Ratio Lower Upper

202 100

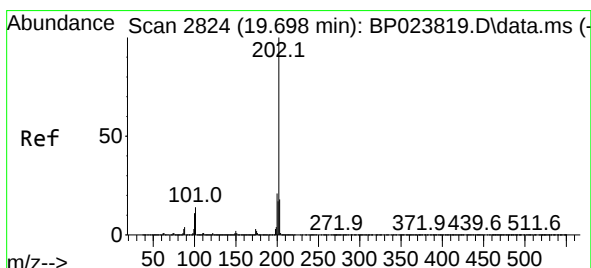
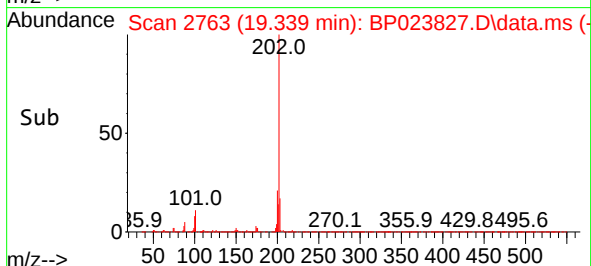
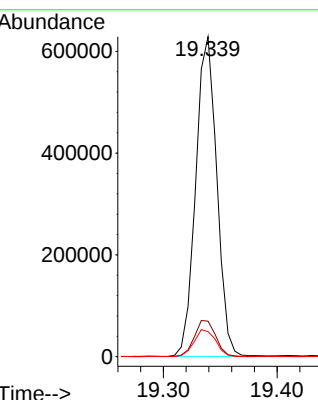
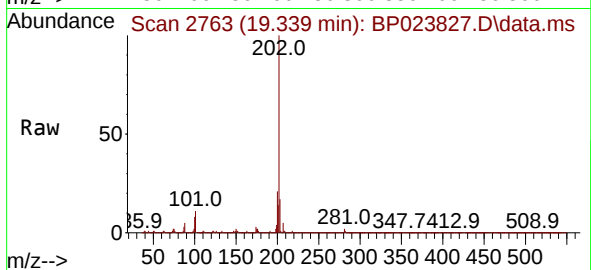
101 11.1 9.4 14.2

100 7.8 7.0 10.6

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#82

Pyrene

Concen: 3.802 ng/u1

RT: 19.704 min Scan# 2825

Delta R.T. 0.006 min

Lab File: BP023827.D

Acq: 31 Jan 2025 16:01

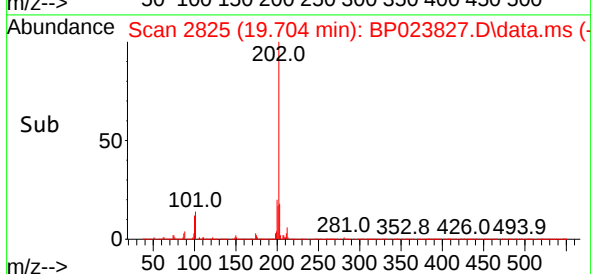
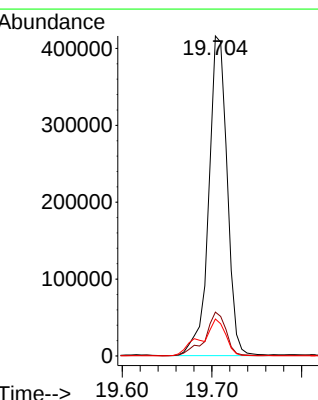
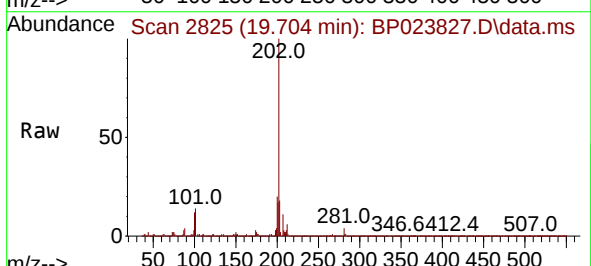
Tgt Ion:202 Resp: 592723

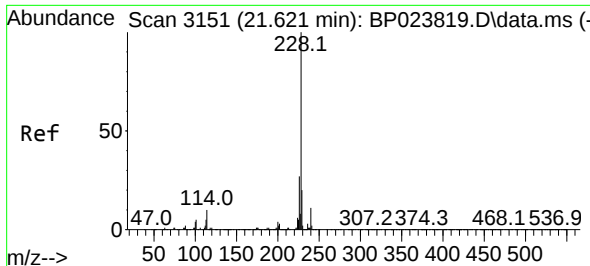
Ion Ratio Lower Upper

202 100

101 13.7 10.4 15.6

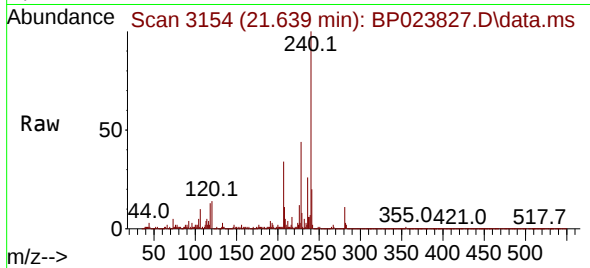
100 11.6 8.6 12.8





#85
Benzo(a)anthracene
Concen: 2.336 ng/u1
RT: 21.639 min Scan# 3151
Delta R.T. 0.018 min
Lab File: BP023827.D
Acq: 31 Jan 2025 16:01

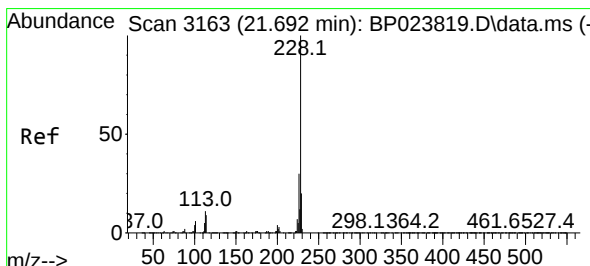
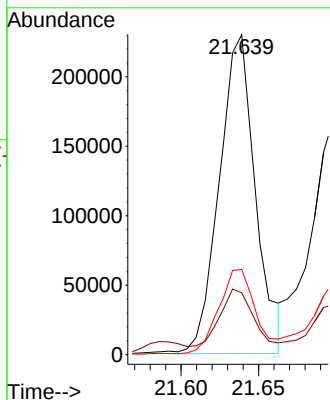
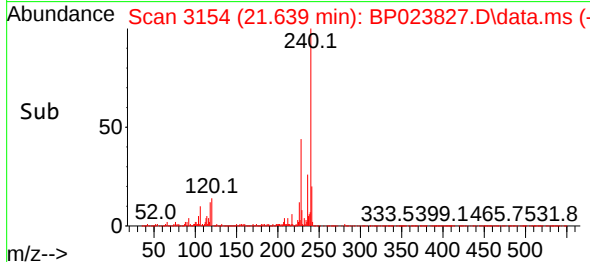
Instrument :
BNA_P
ClientSampleId :
A44S6



Tgt Ion:228 Resp: 371100
Ion Ratio Lower Upper
228 100
229 19.4 15.9 23.9
226 26.7 21.7 32.5

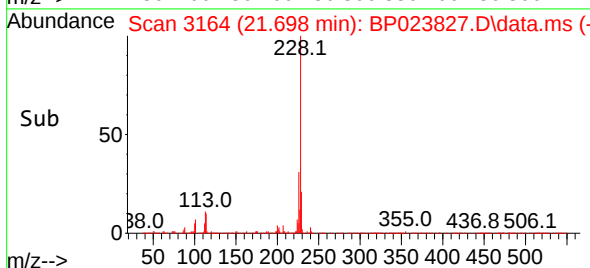
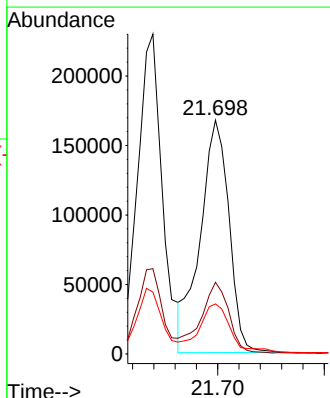
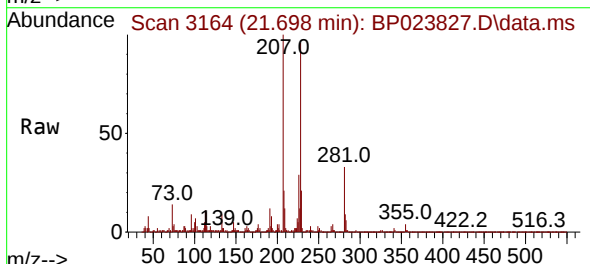
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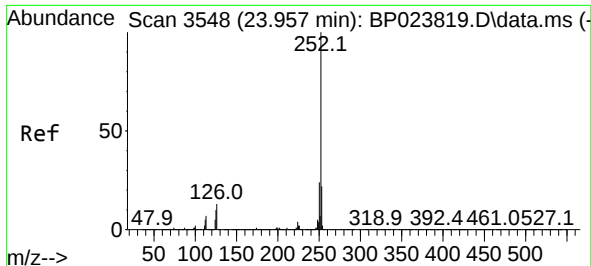
Reviewed By :Jagrut Upadhyay 02/03/2025
Supervised By :mohammad ahmed 02/04/2025



#87
Chrysene
Concen: 2.154 ng/u1
RT: 21.698 min Scan# 3164
Delta R.T. 0.006 min
Lab File: BP023827.D
Acq: 31 Jan 2025 16:01

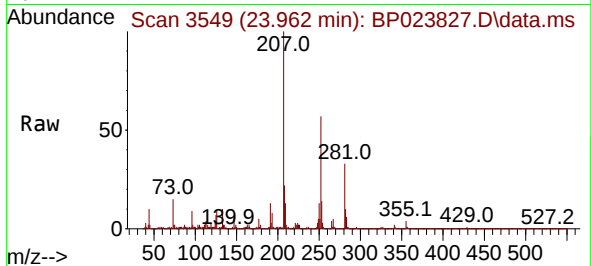
Tgt Ion:228 Resp: 315280
Ion Ratio Lower Upper
228 100
226 30.7 23.8 35.6
229 21.4 15.7 23.5





#90
Benzo(b)fluoranthene
Concen: 2.460 ng/u1
RT: 23.962 min Scan# 31
Delta R.T. 0.006 min
Lab File: BP023827.D
Acq: 31 Jan 2025 16:01

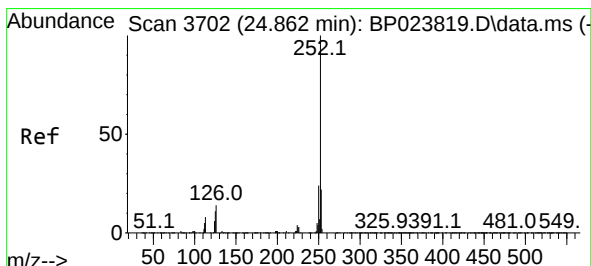
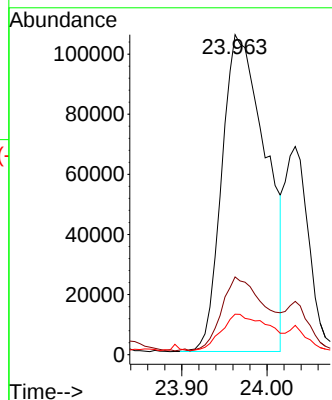
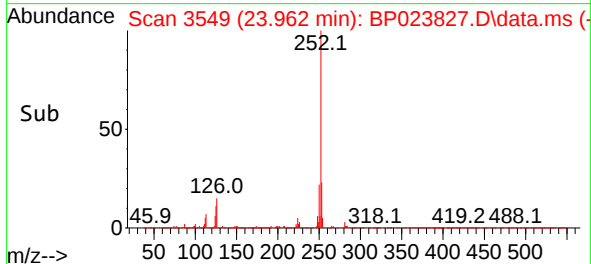
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Tgt Ion:252 Resp: 378719
Ion Ratio Lower Upper
252 100
253 24.3 17.5 26.3
125 12.6 8.2 12.2

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#93
Benzo(a)pyrene
Concen: 1.032 ng/u1
RT: 24.868 min Scan# 3703
Delta R.T. 0.006 min
Lab File: BP023827.D
Acq: 31 Jan 2025 16:01

Tgt Ion:252 Resp: 148324
Ion Ratio Lower Upper
252 100
253 24.6 17.8 26.6
125 14.8 9.2 13.8

