

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP012725\
 Data File : BP023775.D
 Acq On : 28 Jan 2025 16:22
 Operator : RC/JU
 Sample : Q1189-20
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 A44S1

Quant Time: Jan 29 08:35:48 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP012225.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Jan 27 21:53:59 2025
 Response via : Initial Calibration

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

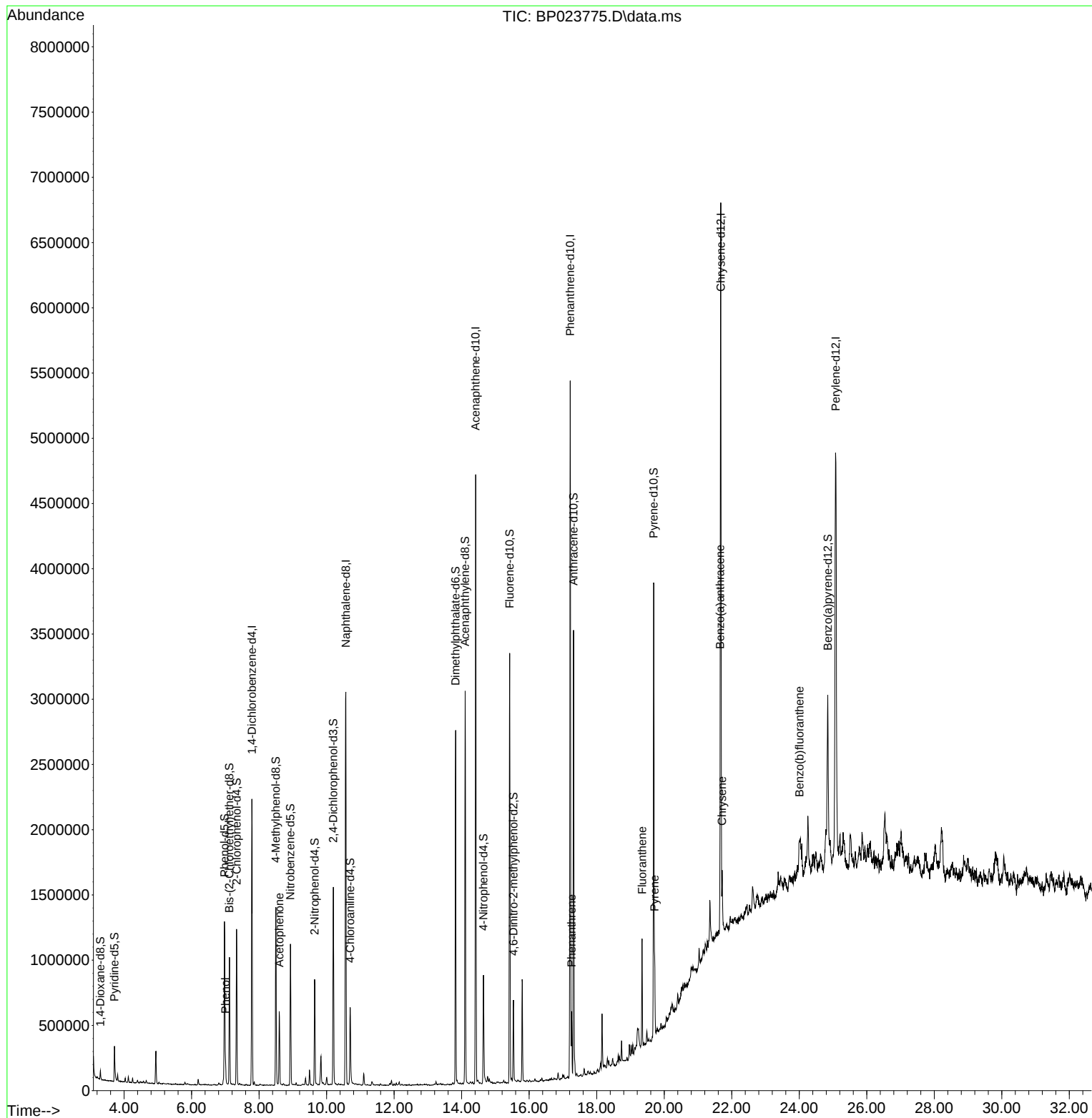
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.787	152	614725	20.000	ng/u1	0.00
20) Naphthalene-d8	10.569	136	2625112	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.416	164	1615109	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.216	188	3157090	20.000	ng/u1	0.00
79) Chrysene-d12	21.674	240	3068387	20.000	ng/u1	0.00
88) Perylene-d12	25.080	264	3414594	20.000	ng/u1	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.299	96	34090	2.234	ng/uL	0.00
4) Pyridine-d5	3.716	84	166009	3.769	ng/u1	0.01
7) Phenol-d5	6.975	99	740878	14.243	ng/u1	0.02
9) Bis-(2-Chloroethyl)eth...	7.122	67	384174	13.076	ng/u1	0.00
11) 2-Chlorophenol-d4	7.334	132	590714	14.938	ng/u1	0.00
15) 4-Methylphenol-d8	8.499	113	524576	12.825	ng/u1	0.02
21) Nitrobenzene-d5	8.928	128	276443	13.977	ng/u1	0.00
24) 2-Nitrophenol-d4	9.646	143	280228	15.454	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.198	165	567239	14.883	ng/u1	0.02
31) 4-Chloroaniline-d4	10.698	131	361676	5.934	ng/u1	0.00
46) Dimethylphthalate-d6	13.822	166	1663744	14.324	ng/u1	0.00
49) Acenaphthylene-d8	14.104	160	1814731	13.499	ng/u1	0.00
54) 4-Nitrophenol-d4	14.645	143	232562	9.964	ng/u1	0.05
60) Fluorene-d10	15.422	176	1334702	13.424	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.533	200	143538	9.232	ng/u1	0.00
73) Anthracene-d10	17.316	188	1982850	13.082	ng/u1	0.00
81) Pyrene-d10	19.686	212	1849019	11.843	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.845	264	1213161	7.098	ng/u1	0.00
Target Compounds						
					Qvalue	
8) Phenol	7.005	94	105303	1.935	ng/u1	97
16) Acetophenone	8.599	105	311054	4.735	ng/u1	99
72) Phenanthrene	17.257	178	278525	1.561	ng/u1	99
80) Fluoranthene	19.345	202	483018	2.721	ng/u1	99
82) Pyrene	19.716	202	374291	1.941	ng/u1	99
85) Benzo(a)anthracene	21.657	228	276379	1.421	ng/u1	96
87) Chrysene	21.715	228	282639	1.552	ng/u1	97
90) Benzo(b)fluoranthene	24.009	252	364030	1.795	ng/u1#	88

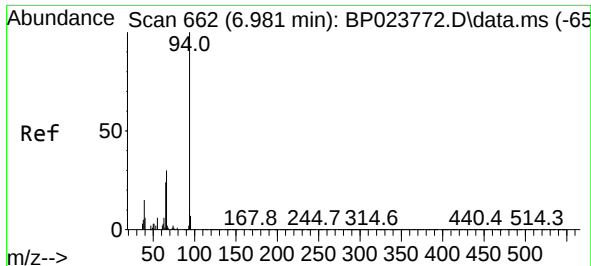
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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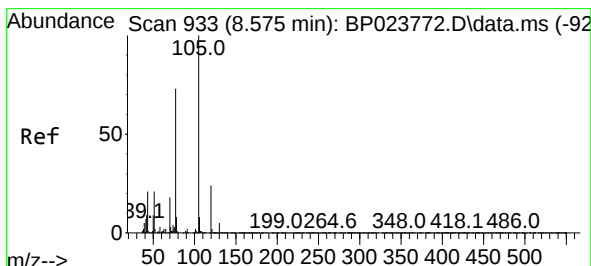
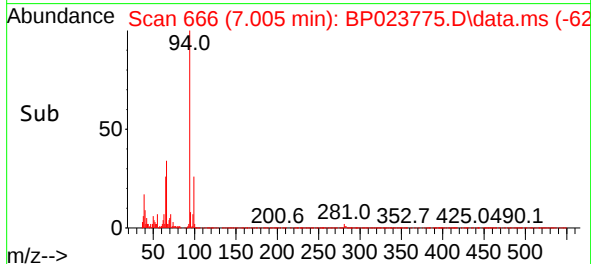
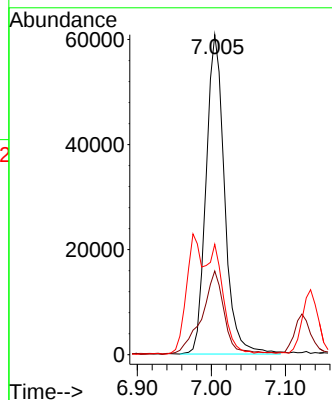
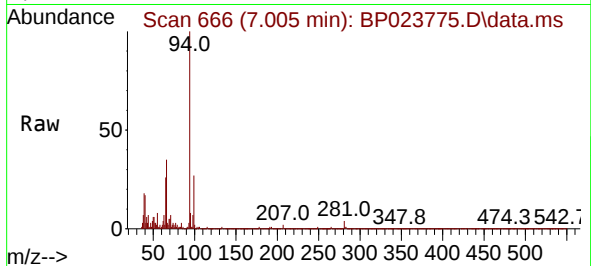




#8
Phenol
Concen: 1.935 ng/ul
RT: 7.005 min Scan# 60
Delta R.T. 0.029 min
Lab File: BP023775.D
Acq: 28 Jan 2025 16:22

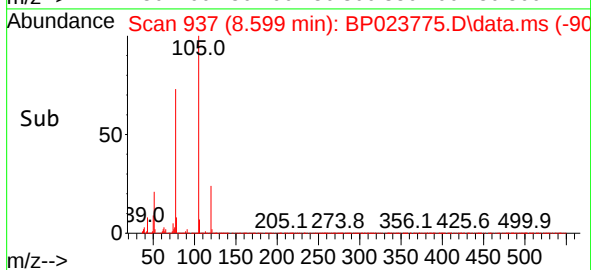
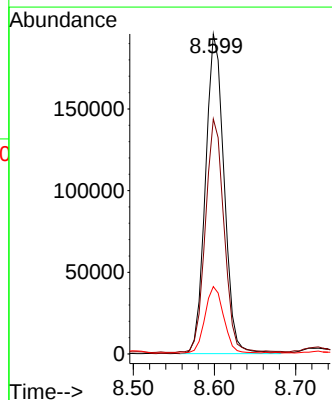
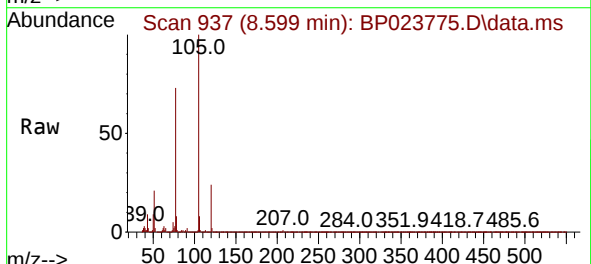
Instrument :
BNA_P
Client Sample Id :
A44S1

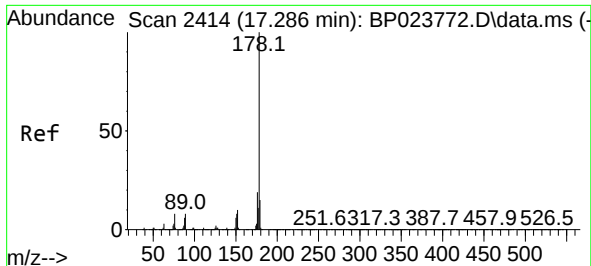
Tgt Ion: 94 Resp: 105303
Ion Ratio Lower Upper
94 100
65 26.2 20.2 30.2
66 34.5 26.0 39.0



#16
Acetophenone
Concen: 4.735 ng/ul
RT: 8.599 min Scan# 937
Delta R.T. -0.000 min
Lab File: BP023775.D
Acq: 28 Jan 2025 16:22

Tgt Ion: 105 Resp: 311054
Ion Ratio Lower Upper
105 100
77 73.4 58.1 87.1
51 21.1 16.4 24.6

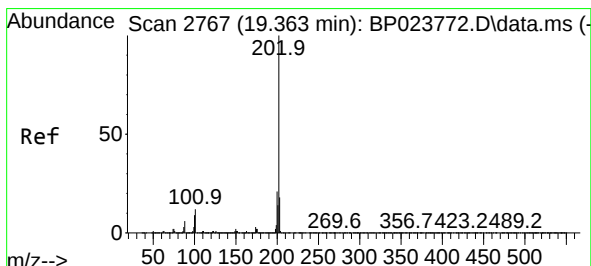
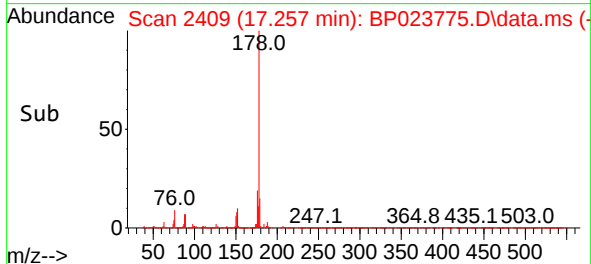
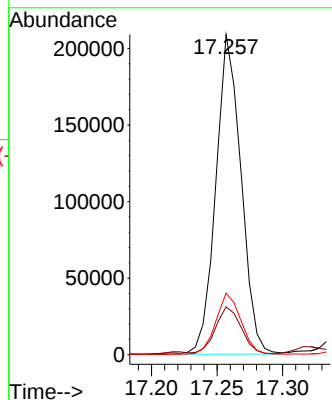
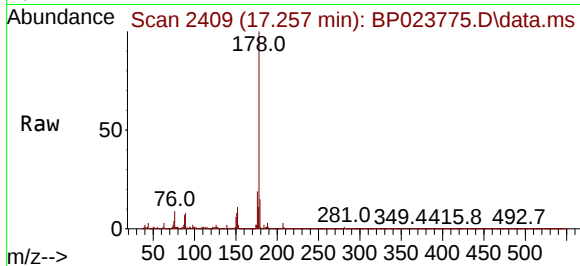




#72
Phenanthrene
Concen: 1.561 ng/ul
RT: 17.257 min Scan# 2414
Delta R.T. -0.006 min
Lab File: BP023775.D
Acq: 28 Jan 2025 16:22

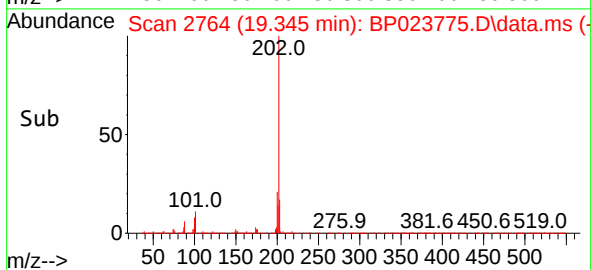
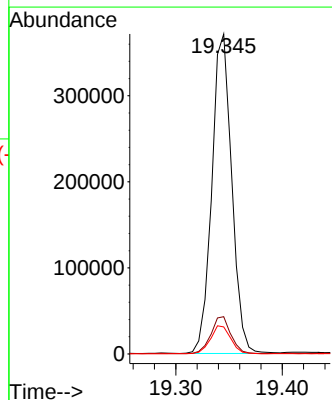
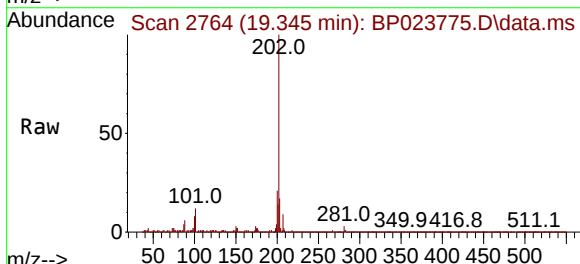
Instrument :
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A44S1

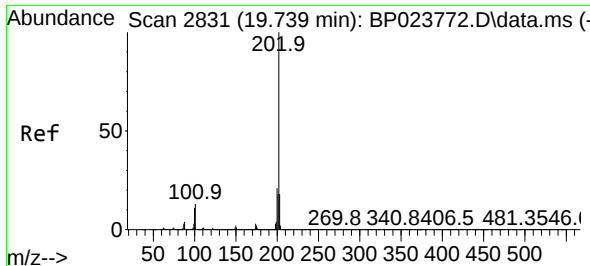
Tgt Ion:178 Resp: 278525
Ion Ratio Lower Upper
178 100
179 14.9 12.5 18.7
176 19.3 15.7 23.5



#80
Fluoranthene
Concen: 2.721 ng/ul
RT: 19.345 min Scan# 2764
Delta R.T. -0.006 min
Lab File: BP023775.D
Acq: 28 Jan 2025 16:22

Tgt Ion:202 Resp: 483018
Ion Ratio Lower Upper
202 100
101 11.6 9.2 13.8
100 8.5 7.0 10.6

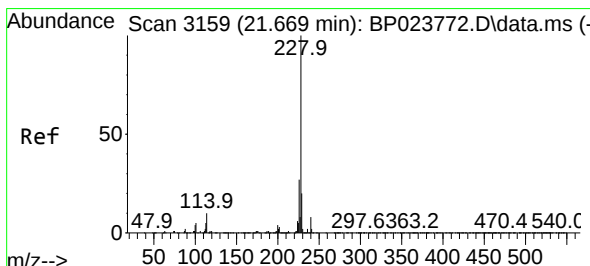
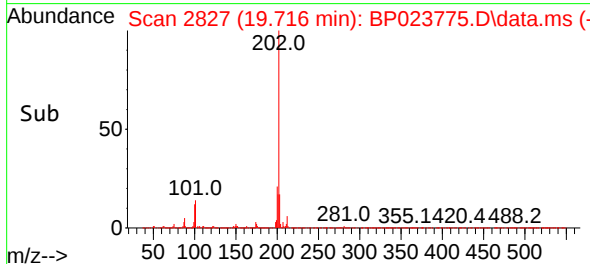
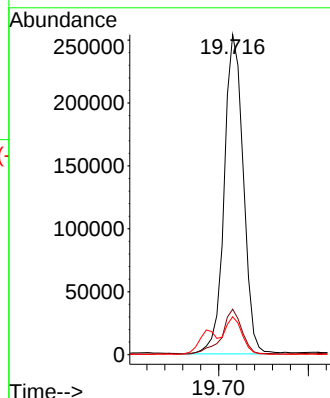
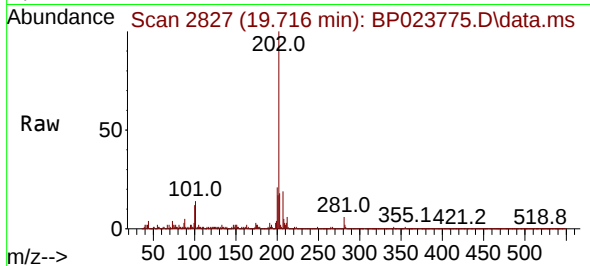




#82
 Pyrene
 Concen: 1.941 ng/ul
 RT: 19.716 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BP023775.D
 Acq: 28 Jan 2025 16:22

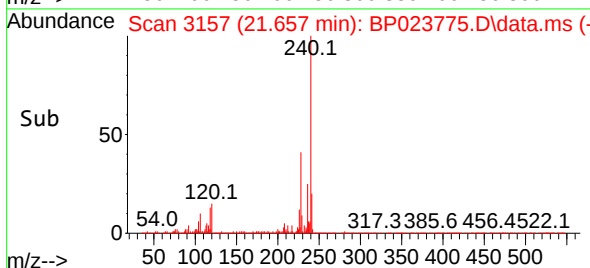
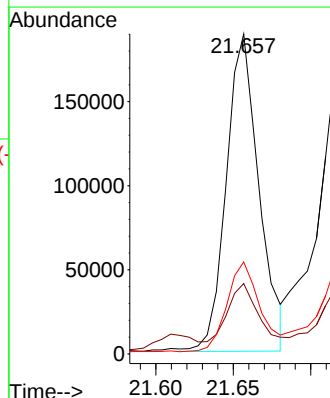
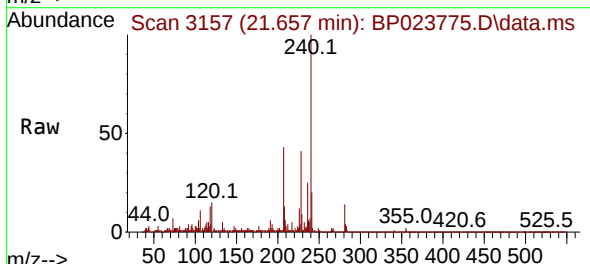
Instrument :
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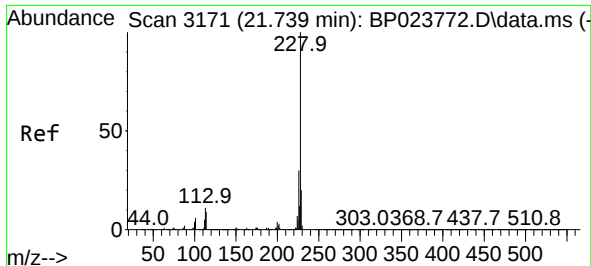
Tgt Ion:202 Resp: 374291
 Ion Ratio Lower Upper
 202 100
 101 14.2 11.6 17.4
 100 11.9 9.6 14.4



#85
 Benzo(a)anthracene
 Concen: 1.421 ng/ul
 RT: 21.657 min Scan# 3157
 Delta R.T. -0.000 min
 Lab File: BP023775.D
 Acq: 28 Jan 2025 16:22

Tgt Ion:228 Resp: 276379
 Ion Ratio Lower Upper
 228 100
 229 22.0 15.8 23.8
 226 28.8 21.8 32.8





#87

Chrysene

Concen: 1.552 ng/ul

RT: 21.715 min Scan# 3171

Delta R.T. -0.006 min

Lab File: BP023775.D

Acq: 28 Jan 2025 16:22

Instrument :

BNA_P

ClientSampleId :

A44S1

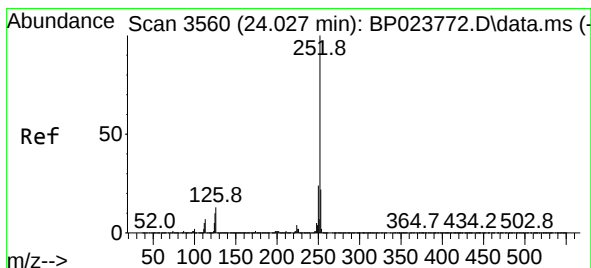
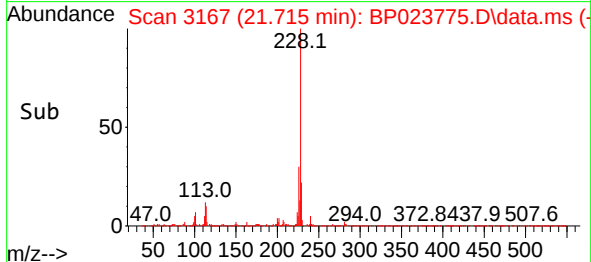
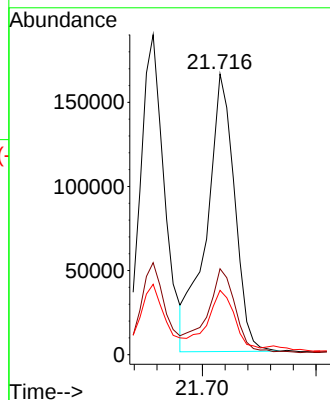
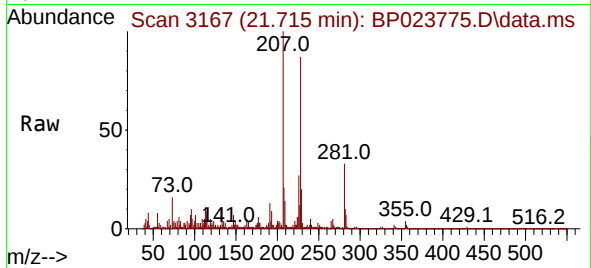
Tgt Ion:228 Resp: 282639

Ion Ratio Lower Upper

228 100

226 30.6 24.3 36.5

229 22.9 15.8 23.6



#90

Benzo(b)fluoranthene

Concen: 1.795 ng/ul

RT: 24.009 min Scan# 3557

Delta R.T. 0.012 min

Lab File: BP023775.D

Acq: 28 Jan 2025 16:22

Tgt Ion:252 Resp: 364030

Ion Ratio Lower Upper

252 100

253 27.3 17.5 26.3#

125 14.7 8.2 12.4#

