

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP013125\
 Data File : BP023847.D
 Acq On : 01 Feb 2025 06:19
 Operator : RC/JU
 Sample : Q1224-11
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 A6309

Quant Time: Feb 03 08:13:54 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

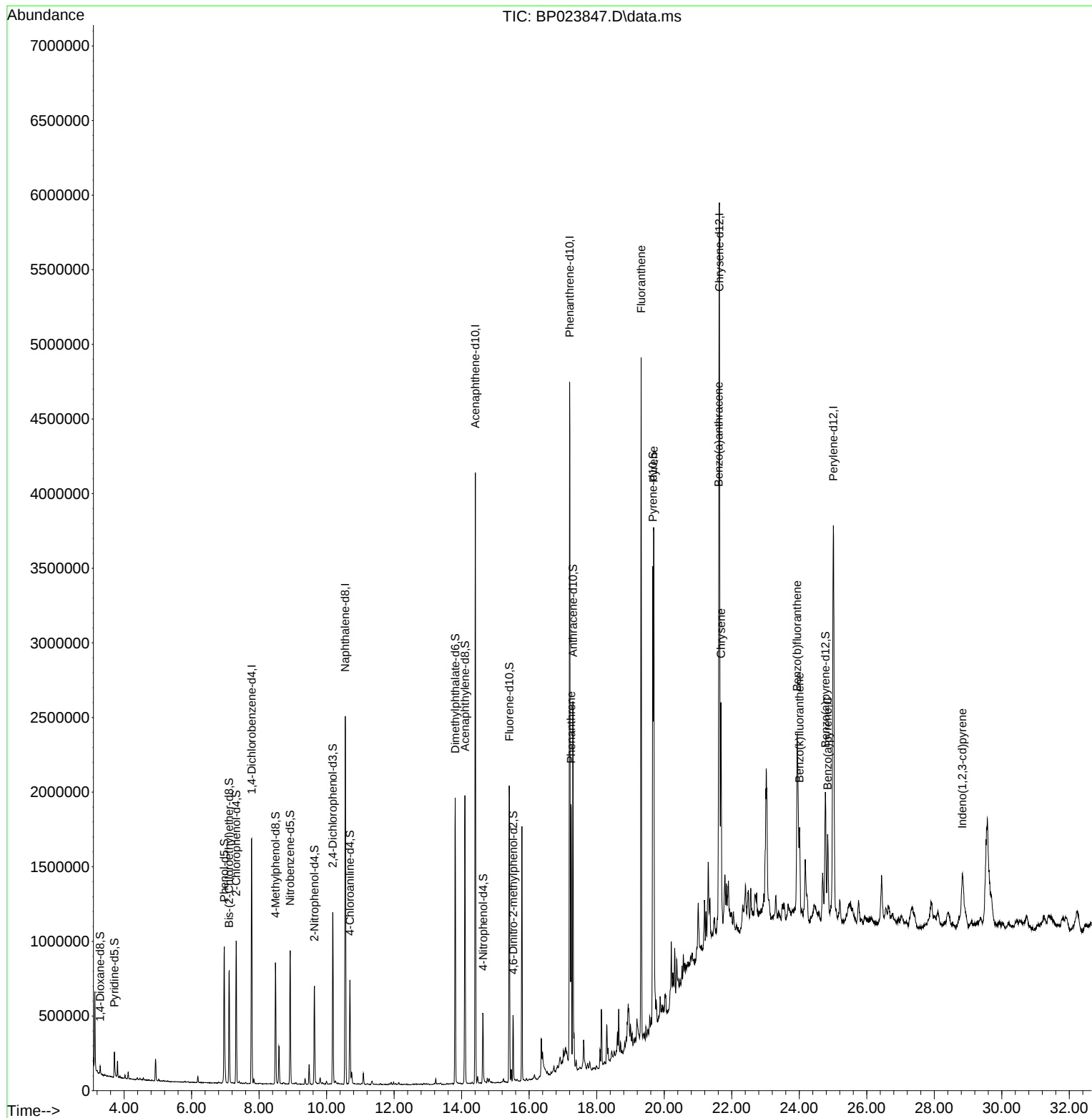
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.781	152	478525	20.000	ng/u1	0.02
20) Naphthalene-d8	10.551	136	2099072	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.404	164	1359311	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.198	188	2708643	20.000	ng/u1	-0.01
79) Chrysene-d12	21.633	240	2597327	20.000	ng/u1	-0.01
88) Perylene-d12	25.010	264	2806763	20.000	ng/u1	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.293	96	27946	2.426	ng/uL	0.00
4) Pyridine-d5	3.717	84	95064	2.860	ng/u1	0.02
7) Phenol-d5	6.969	99	553738	13.076	ng/u1	0.02
9) Bis-(2-Chloroethyl)eth...	7.110	67	314617	14.036	ng/u1	0.01
11) 2-Chlorophenol-d4	7.322	132	465064	13.985	ng/u1	0.01
15) 4-Methylphenol-d8	8.487	113	325331	9.404	ng/u1	0.02
21) Nitrobenzene-d5	8.922	128	228549	13.609	ng/u1	0.01
24) 2-Nitrophenol-d4	9.640	143	238718	13.174	ng/u1	0.01
28) 2,4-Dichlorophenol-d3	10.181	165	425013	12.785	ng/u1	0.00
31) 4-Chloroaniline-d4	10.693	131	395523	7.956	ng/u1	0.01
46) Dimethylphthalate-d6	13.810	166	1324147	13.060	ng/u1	0.00
49) Acenaphthylene-d8	14.098	160	1277337	11.170	ng/u1	0.00
54) 4-Nitrophenol-d4	14.634	143	132839	6.597	ng/u1	0.01
60) Fluorene-d10	15.410	176	891358	10.439	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.528	200	93464	5.593	ng/u1	0.00
73) Anthracene-d10	17.298	188	1295991	9.745	ng/u1	-0.02
81) Pyrene-d10	19.663	212	1274079	9.155	ng/u1	-0.02
92) Benzo(a)pyrene-d12	24.774	264	863239	5.895	ng/u1	-0.01
Target Compounds						
					Qvalue	
72) Phenanthrene	17.245	178	1035191	6.768	ng/u1	100
80) Fluoranthene	19.316	202	2734116	17.056	ng/u1	99
82) Pyrene	19.686	202	1911357	11.402	ng/u1	98
85) Benzo(a)anthracene	21.616	228	899690	5.268	ng/u1	98
87) Chrysene	21.680	228	1108967	7.047	ng/u1	97
90) Benzo(b)fluoranthene	23.939	252	1539747	9.041	ng/u1	98
91) Benzo(k)fluoranthene	24.010	252	468931	2.747	ng/u1	98
93) Benzo(a)pyrene	24.839	252	574230	3.610	ng/u1	98
94) Indeno(1,2,3-cd)pyrene	28.833	276	561271	2.723	ng/u1	99

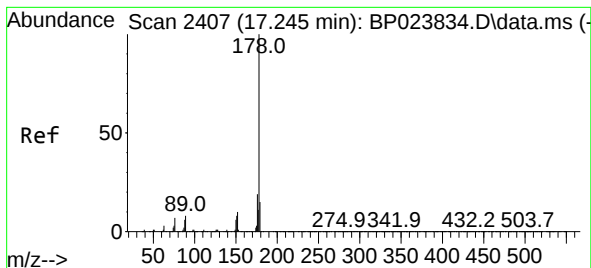
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#72

Phenanthrene

Concen: 6.768 ng/ul

RT: 17.245 min Scan# 2407

Delta R.T. -0.011 min

Lab File: BP023847.D

Acq: 01 Feb 2025 06:19

Instrument :

BNA_P

ClientSampleId :

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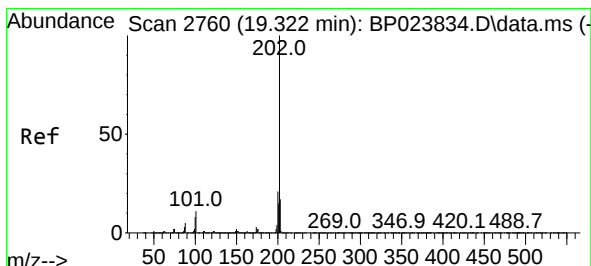
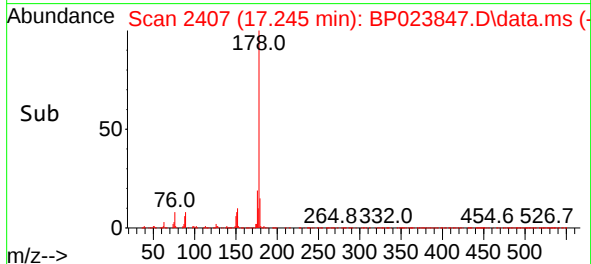
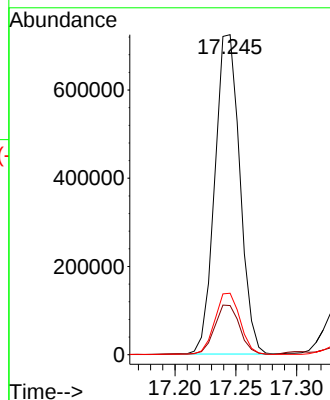
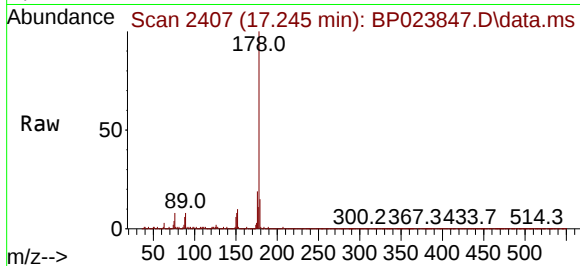
Tgt Ion:178 Resp: 1035191

Ion Ratio Lower Upper

178 100

179 15.3 12.2 18.4

176 19.2 15.6 23.4



#80

Fluoranthene

Concen: 17.056 ng/ul

RT: 19.316 min Scan# 2759

Delta R.T. -0.011 min

Lab File: BP023847.D

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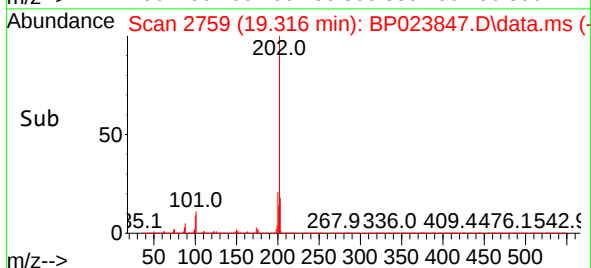
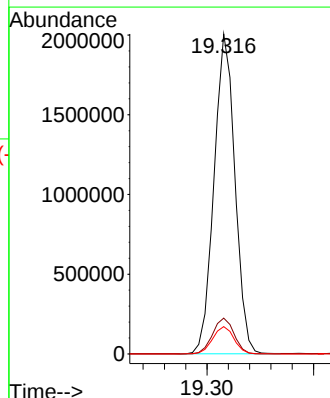
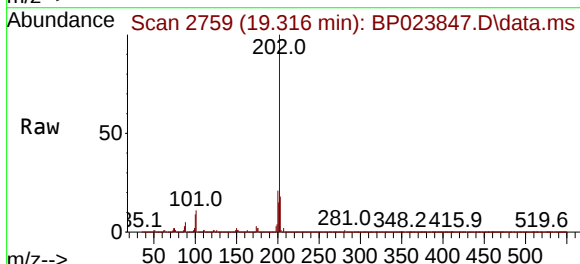
Tgt Ion:202 Resp: 2734116

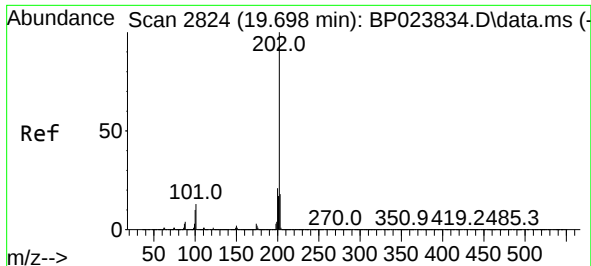
Ion Ratio Lower Upper

202 100

101 11.2 9.4 14.2

100 8.6 7.0 10.6

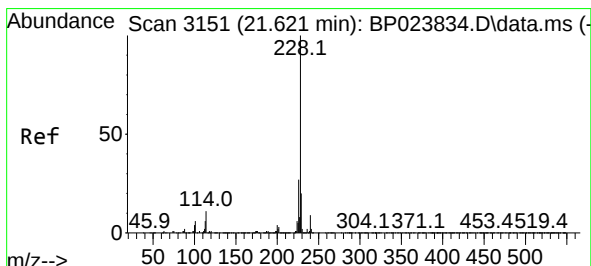
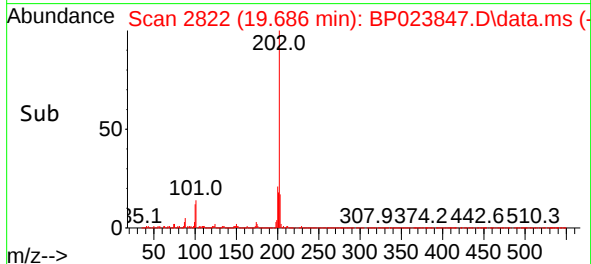
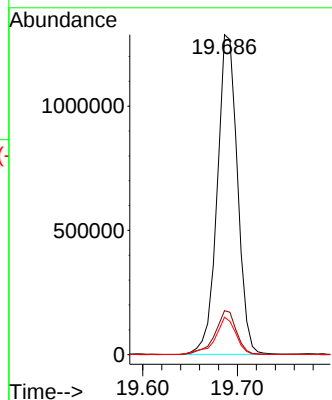
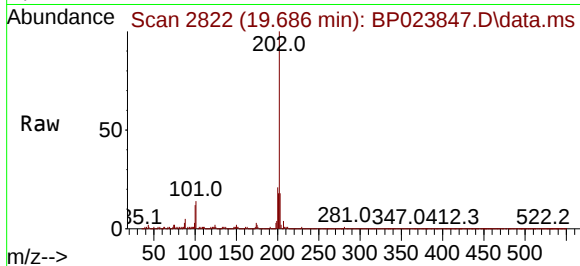




#82
Pyrene
Concen: 11.402 ng/ul
RT: 19.686 min Scan# 2822
Delta R.T. -0.017 min
Lab File: BP023847.D
Acq: 01 Feb 2025 06:19

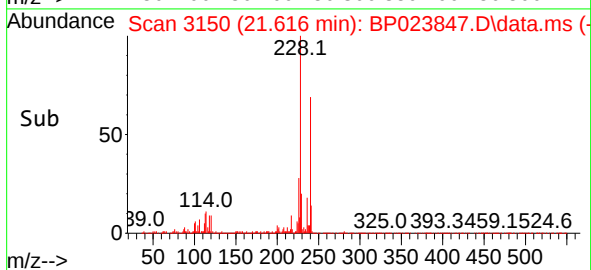
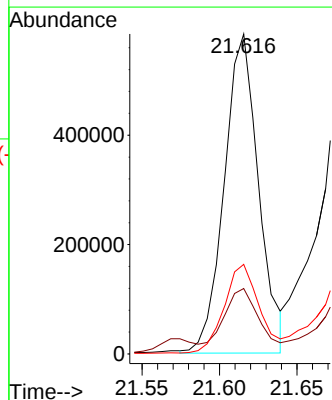
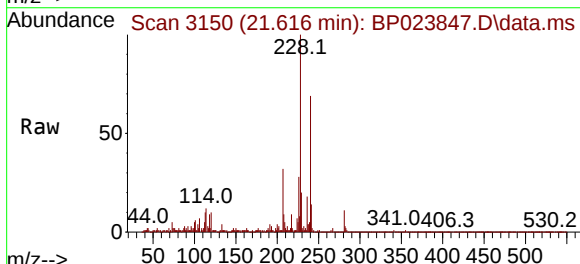
Instrument :
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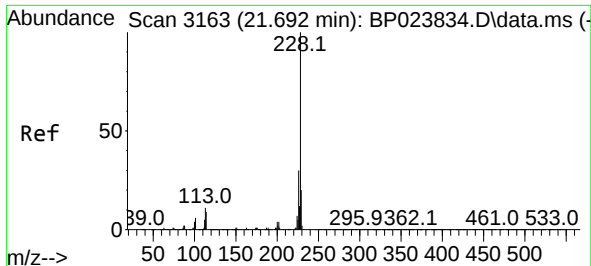
Tgt Ion:202 Resp: 1911357
Ion Ratio Lower Upper
202 100
101 13.8 10.4 15.6
100 11.7 8.6 12.8



#85
Benzo(a)anthracene
Concen: 5.268 ng/ul
RT: 21.616 min Scan# 3150
Delta R.T. -0.011 min
Lab File: BP023847.D
Acq: 01 Feb 2025 06:19

Tgt Ion:228 Resp: 899690
Ion Ratio Lower Upper
228 100
229 20.5 15.9 23.9
226 28.0 21.7 32.5

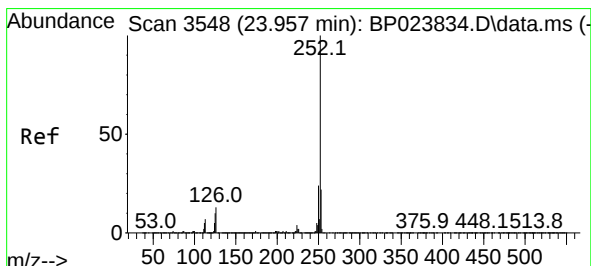
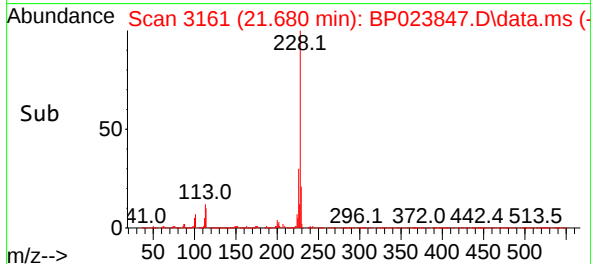
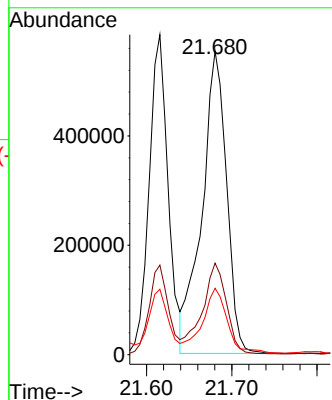
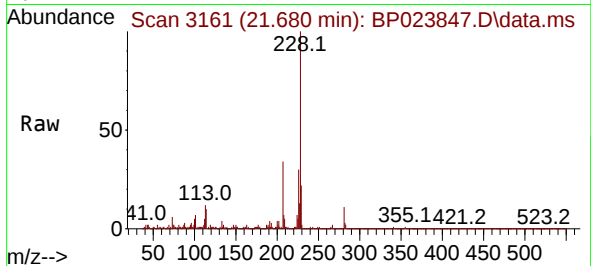




#87
Chrysene
Concen: 7.047 ng/ul
RT: 21.680 min Scan# 3161
Delta R.T. -0.011 min
Lab File: BP023847.D
Acq: 01 Feb 2025 06:19

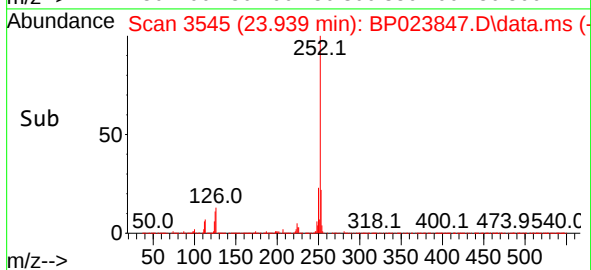
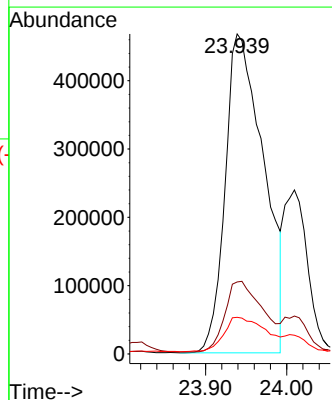
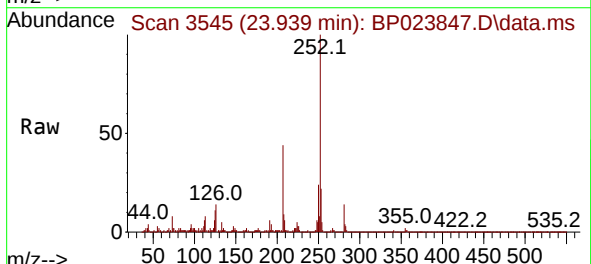
Instrument :
BNA_P
ClientSampleId :
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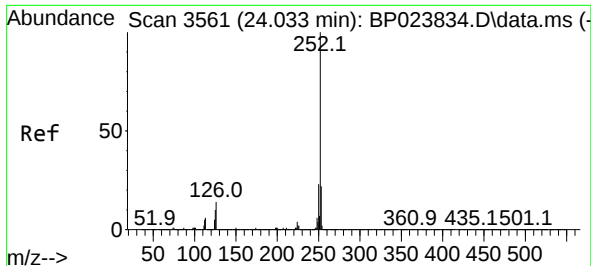
Tgt Ion:228 Resp: 1108967
Ion Ratio Lower Upper
228 100
226 30.2 23.8 35.6
229 21.9 15.7 23.5



#90
Benzo(b)fluoranthene
Concen: 9.041 ng/ul
RT: 23.939 min Scan# 3545
Delta R.T. -0.017 min
Lab File: BP023847.D
Acq: 01 Feb 2025 06:19

Tgt Ion:252 Resp: 1539747
Ion Ratio Lower Upper
252 100
253 22.5 17.5 26.3
125 11.5 8.2 12.2

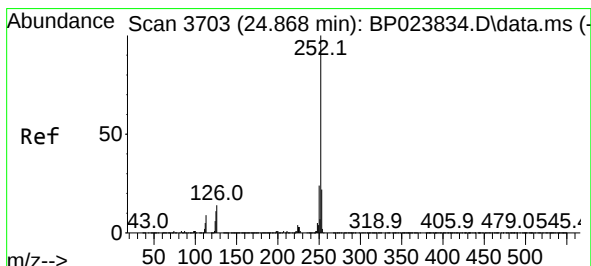
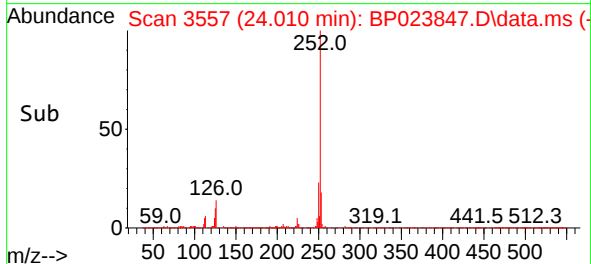
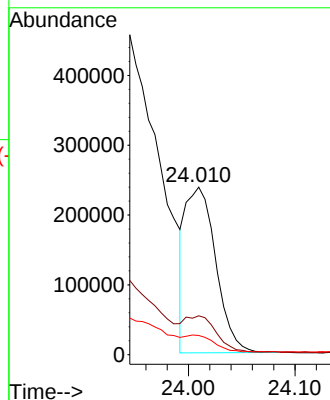
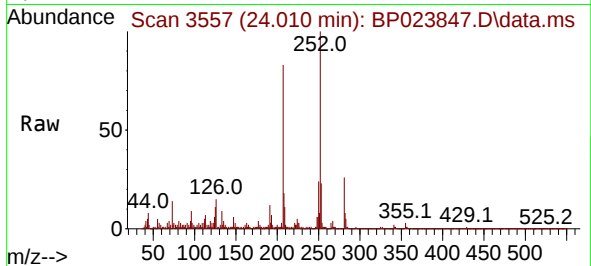




#91
Benzo(k)fluoranthene
Concen: 2.747 ng/ul
RT: 24.010 min Scan# 31
Delta R.T. -0.017 min
Lab File: BP023847.D
Acq: 01 Feb 2025 06:19

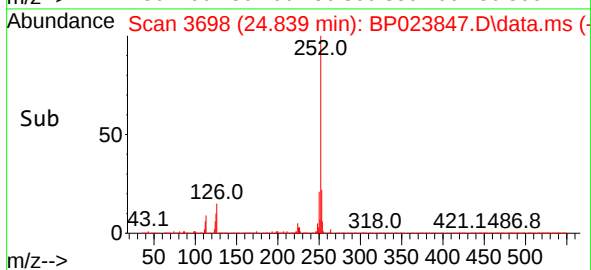
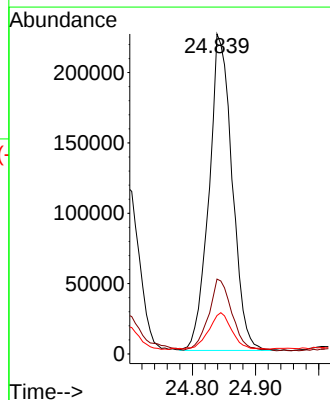
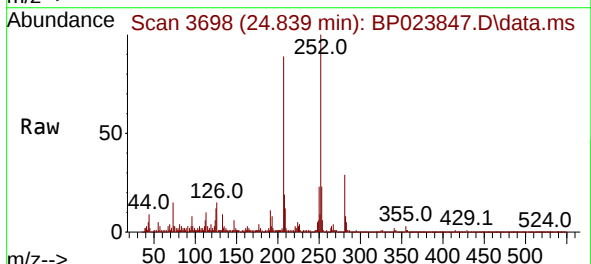
Instrument :
BNA_P
ClientSampleId :
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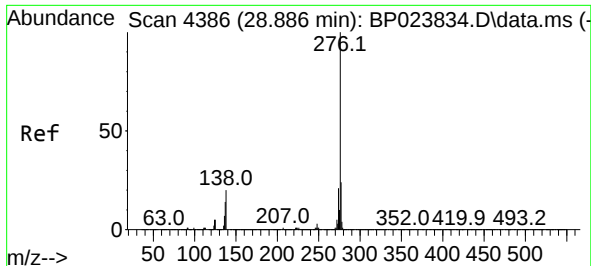
Tgt Ion:252 Resp: 468931
Ion Ratio Lower Upper
252 100
253 23.2 17.8 26.6
125 11.5 8.5 12.7



#93
Benzo(a)pyrene
Concen: 3.610 ng/ul
RT: 24.839 min Scan# 3698
Delta R.T. -0.023 min
Lab File: BP023847.D
Acq: 01 Feb 2025 06:19

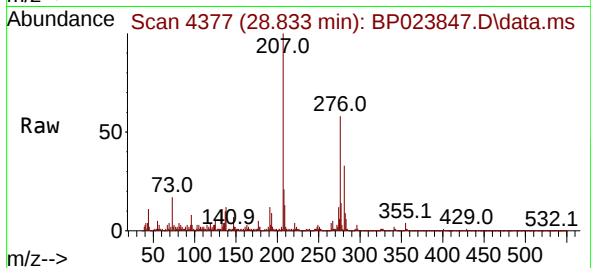
Tgt Ion:252 Resp: 574230
Ion Ratio Lower Upper
252 100
253 23.4 17.8 26.6
125 12.0 9.2 13.8





#94
 Indeno(1,2,3-cd)pyrene
 Concen: 2.723 ng/ul
 RT: 28.833 min Scan# 41
 Delta R.T. -0.041 min
 Lab File: BP023847.D
 Acq: 01 Feb 2025 06:19

Instrument :
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Tgt Ion:276 Resp: 561271
 Ion Ratio Lower Upper
 276 100
 138 20.0 15.9 23.9
 277 24.5 19.0 28.4

