

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070524\
 Data File : BP020825.D
 Acq On : 06 Jul 2024 18:21
 Operator : MA/JU
 Sample : P3010-21
 Misc :
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 A4BD0

Quant Time: Jul 07 22:41:55 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062524.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Jul 03 15:01:56 2024
 Response via : Initial Calibration

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

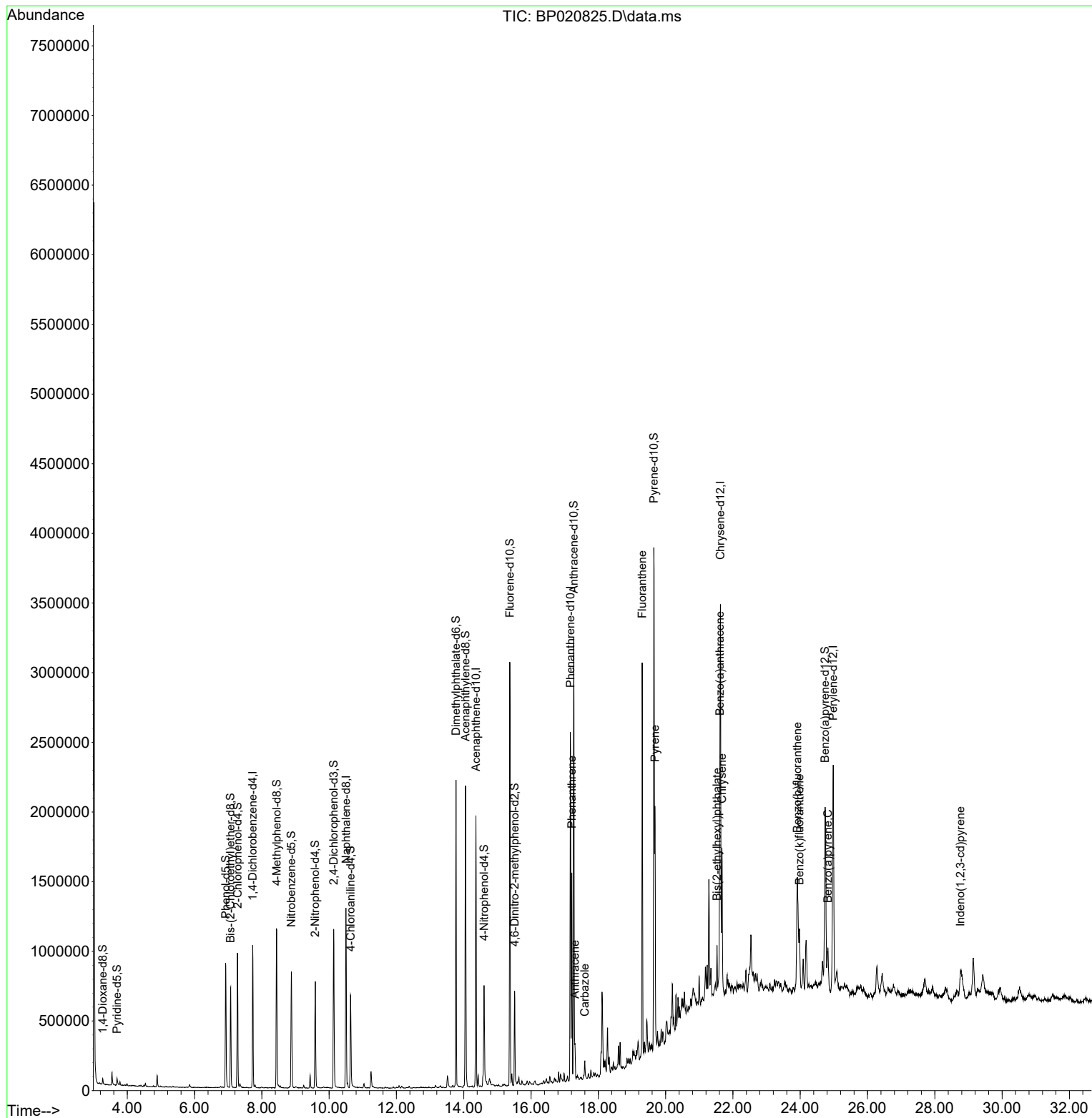
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.728	152	273037	20.000	ng/u1	0.00
20) Naphthalene-d8	10.499	136	1089624	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.363	164	697642	20.000	ng/u1	0.01
64) Phenanthrene-d10	17.169	188	1498346	20.000	ng/u1	0.00
79) Chrysene-d12	21.628	240	1369227	20.000	ng/u1	0.00
88) Perylene-d12	24.980	264	1635455	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.270	96	21213	3.336	ng/uL	0.00
4) Pyridine-d5	3.693	84	32289	1.742	ng/u1	0.01
7) Phenol-d5	6.922	99	538347	24.040	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.069	67	310897	21.899	ng/u1	-0.01
11) 2-Chlorophenol-d4	7.275	132	447894	24.472	ng/u1	0.00
15) 4-Methylphenol-d8	8.440	113	436383	23.993	ng/u1	0.00
21) Nitrobenzene-d5	8.875	128	215270	26.759	ng/u1	-0.01
24) 2-Nitrophenol-d4	9.587	143	245187	30.456	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.134	165	446384	26.918	ng/u1	0.00
31) 4-Chloroaniline-d4	10.640	131	382687	16.467	ng/u1	0.00
46) Dimethylphthalate-d6	13.769	166	1344133	27.710	ng/u1	0.01
49) Acenaphthylene-d8	14.051	160	1532694	26.480	ng/u1	0.01
54) 4-Nitrophenol-d4	14.604	143	207369	27.980	ng/u1	0.02
60) Fluorene-d10	15.369	176	1156733	28.339	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.510	200	161312	21.364	ng/u1	0.01
73) Anthracene-d10	17.269	188	1855248	27.589	ng/u1	0.00
81) Pyrene-d10	19.651	212	1857762	22.585	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.739	264	1423380	17.892	ng/u1	0.00
Target Compounds					Qvalue	
72) Phenanthrene	17.210	178	850979	10.846	ng/u1	100
74) Anthracene	17.304	178	164111	2.033	ng/u1	98
77) Carbazole	17.598	167	85864	1.289	ng/u1	99
80) Fluoranthene	19.304	202	1648819	16.410	ng/u1	98
82) Pyrene	19.681	202	1121908	10.887	ng/u1	99
85) Benzo(a)anthracene	21.610	228	733293	7.641	ng/u1	97
86) Bis(2-ethylhexyl)phtha...	21.528	149	133570	2.248	ng/u1	97
87) Chrysene	21.675	228	769160	8.479	ng/u1	98
90) Benzo(b)fluoranthene	23.916	252	1047359	10.571	ng/u1	99
91) Benzo(k)fluoranthene	23.980	252	325730	3.250	ng/u1	97
93) Benzo(a)pyrene	24.821	252	371072	3.967	ng/u1	96
94) Indeno(1,2,3-cd)pyrene	28.762	276	133910	1.116	ng/u1	98

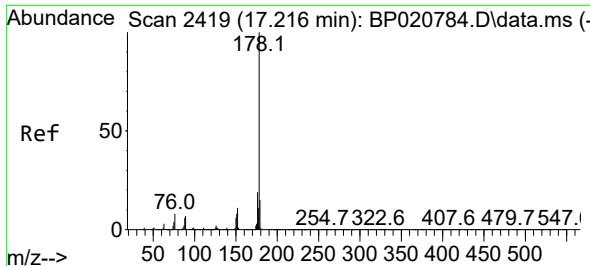
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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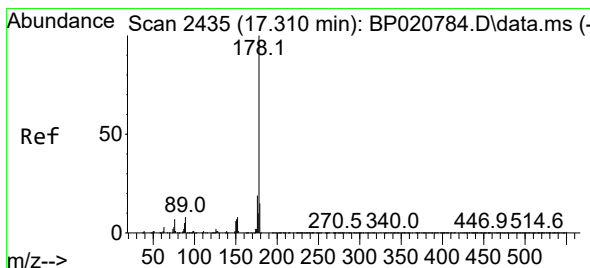
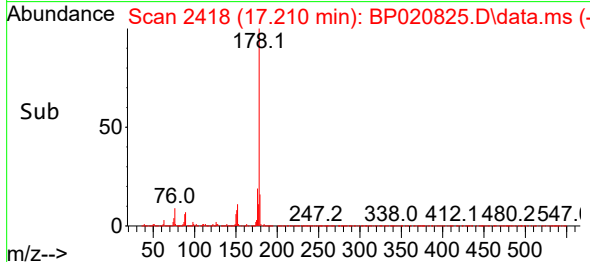
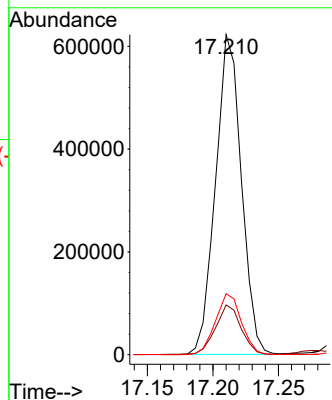
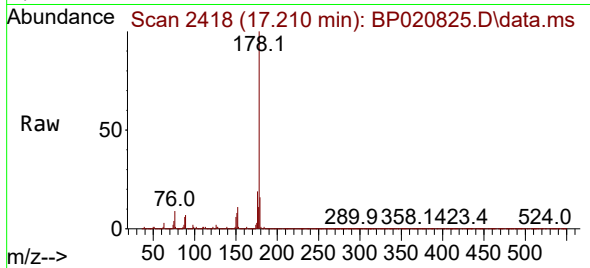




#72
Phenanthrene
Concen: 10.846 ng/ul
RT: 17.210 min Scan# 2419
Delta R.T. 0.006 min
Lab File: BP020825.D
Acq: 06 Jul 2024 18:21

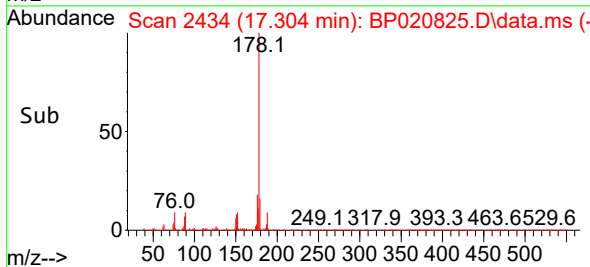
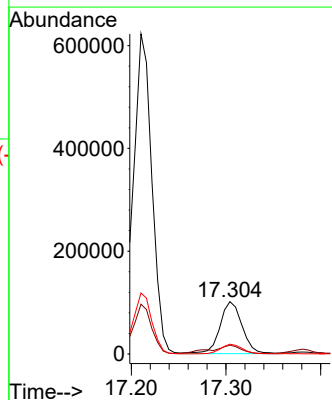
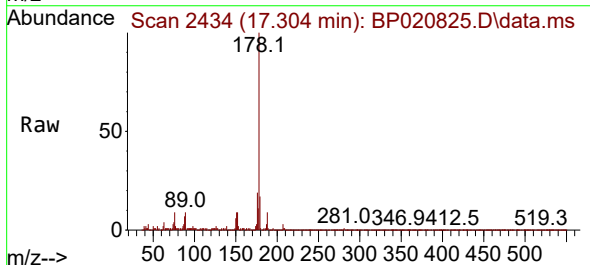
Instrument :
BNA_P
ClientSampleId :
A4BD0

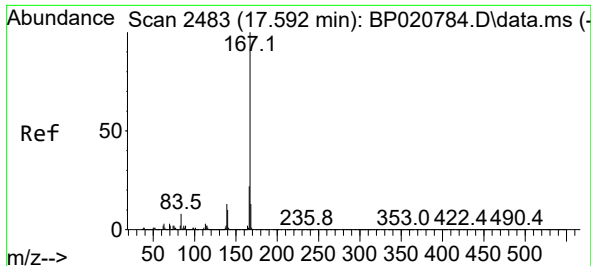
Tgt Ion:178 Resp: 850979
Ion Ratio Lower Upper
178 100
179 15.5 12.4 18.6
176 19.1 15.4 23.2



#74
Anthracene
Concen: 2.033 ng/ul
RT: 17.304 min Scan# 2434
Delta R.T. 0.006 min
Lab File: BP020825.D
Acq: 06 Jul 2024 18:21

Tgt Ion:178 Resp: 164111
Ion Ratio Lower Upper
178 100
179 16.9 12.1 18.1
176 18.6 15.0 22.4

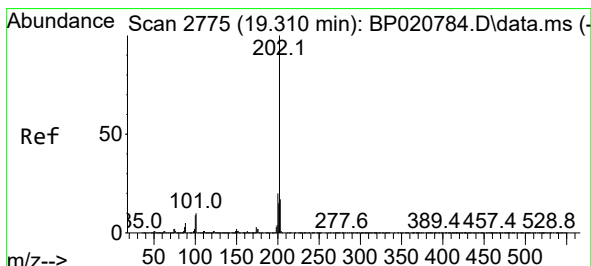
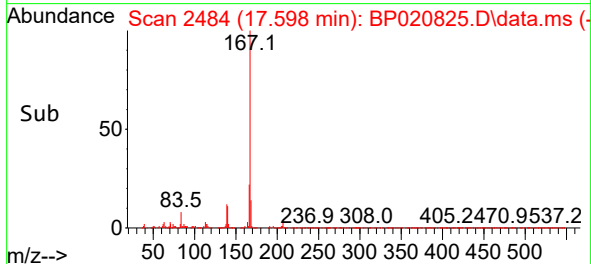
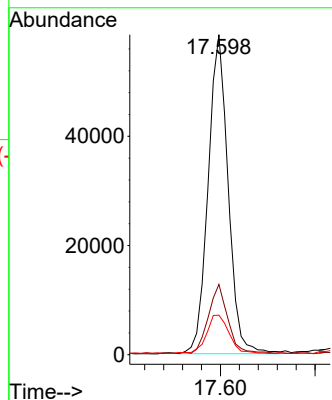
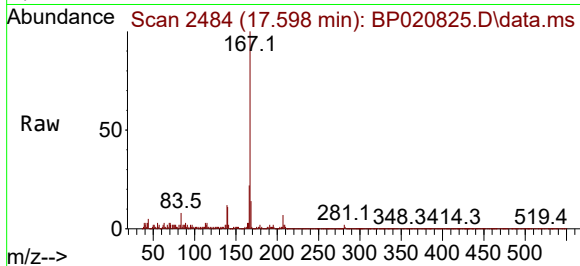




#77
Carbazole
Concen: 1.289 ng/ul
RT: 17.598 min Scan# 2483
Delta R.T. 0.012 min
Lab File: BP020825.D
Acq: 06 Jul 2024 18:21

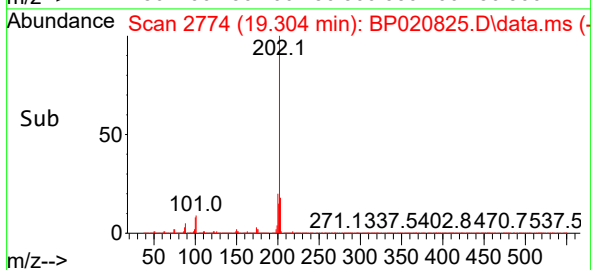
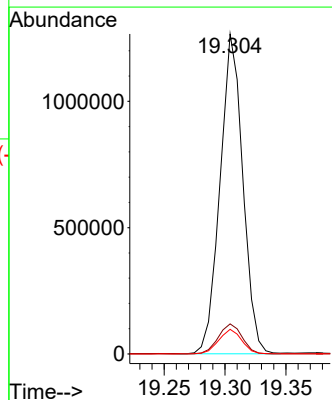
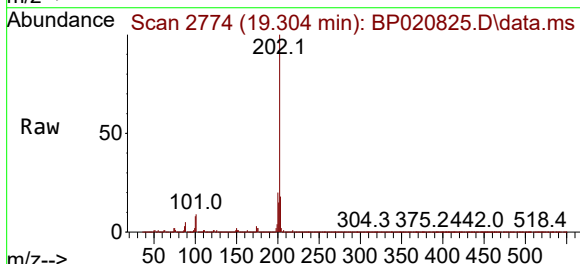
Instrument :
BNA_P
ClientSampleId :
A4BD0

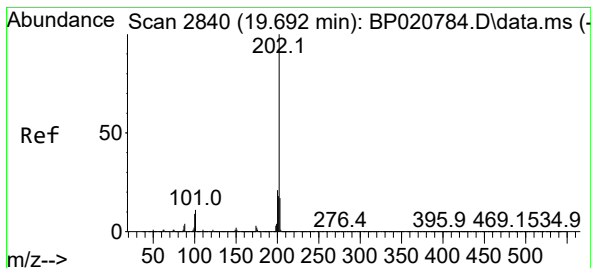
Tgt Ion:	167	Resp:	85864
Ion	Ratio	Lower	Upper
167	100		
166	21.9	17.2	25.8
139	12.3	10.6	16.0



#80
Fluoranthene
Concen: 16.410 ng/ul
RT: 19.304 min Scan# 2774
Delta R.T. 0.006 min
Lab File: BP020825.D
Acq: 06 Jul 2024 18:21

Tgt Ion:	202	Resp:	1648819
Ion	Ratio	Lower	Upper
202	100		
101	9.4	8.2	12.4
100	7.7	6.6	10.0





#82

Pyrene

Concen: 10.887 ng/ul

RT: 19.681 min Scan# 21

Delta R.T. 0.000 min

Lab File: BP020825.D

Acq: 06 Jul 2024 18:21

Instrument :

BNA_P

ClientSampleId :

A4BD0

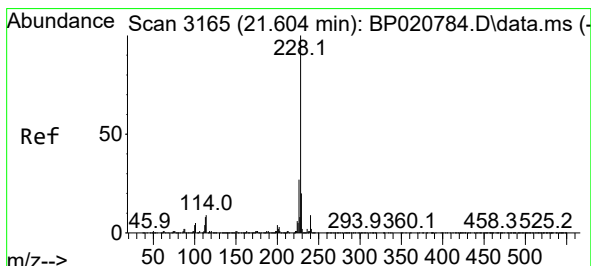
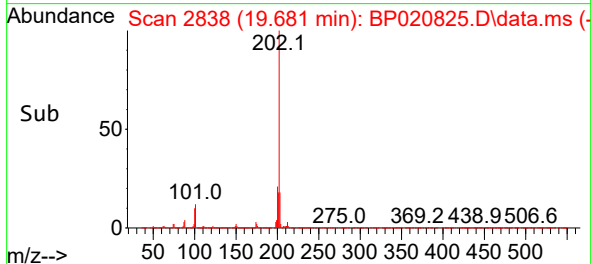
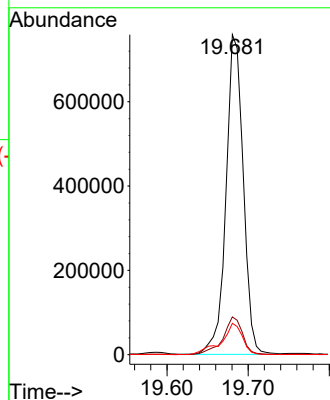
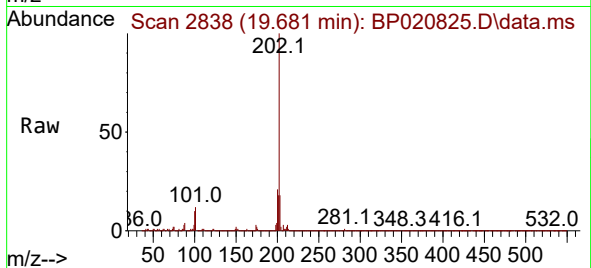
Tgt Ion:202 Resp: 1121908

Ion Ratio Lower Upper

202 100

101 11.8 9.8 14.8

100 9.8 7.9 11.9



#85

Benzo(a)anthracene

Concen: 7.641 ng/ul

RT: 21.610 min Scan# 3166

Delta R.T. 0.012 min

Lab File: BP020825.D

Acq: 06 Jul 2024 18:21

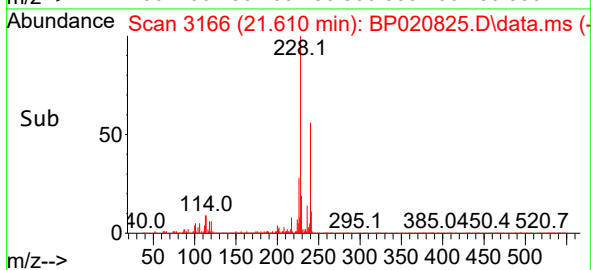
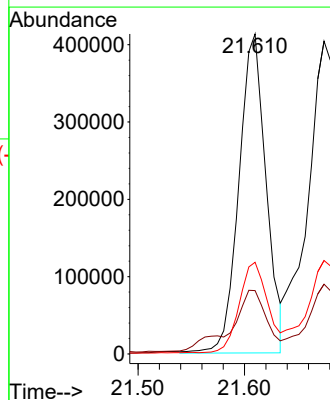
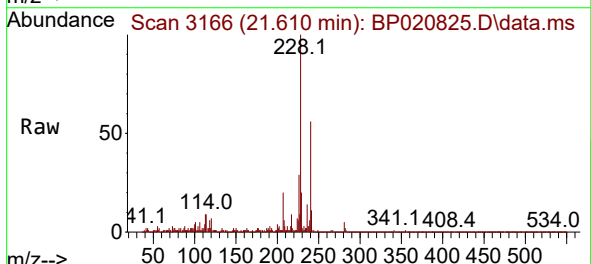
Tgt Ion:228 Resp: 733293

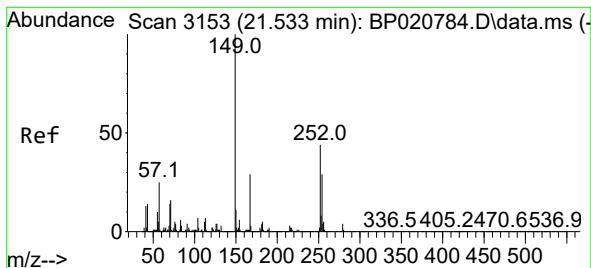
Ion Ratio Lower Upper

228 100

229 19.8 15.2 22.8

226 28.6 21.1 31.7

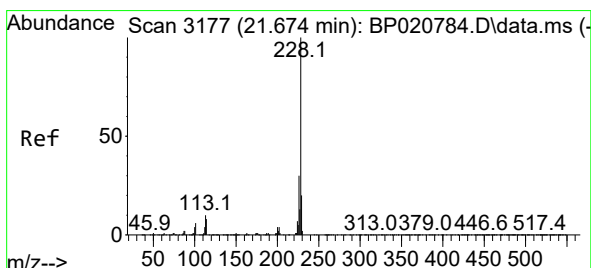
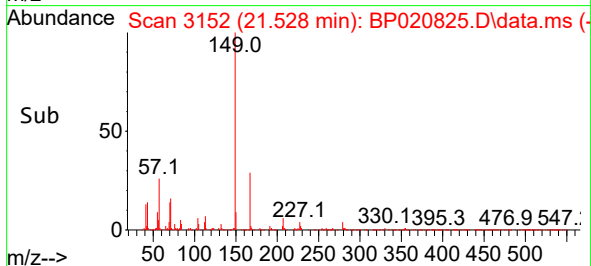
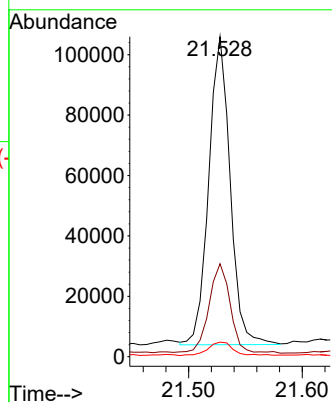
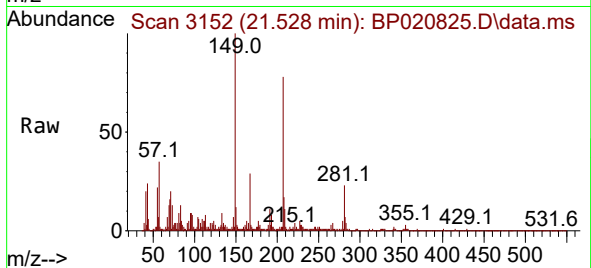




#86
Bis(2-ethylhexyl)phthalate
Concen: 2.248 ng/ul
RT: 21.528 min Scan# 3152
Delta R.T. -0.012 min
Lab File: BP020825.D
Acq: 06 Jul 2024 18:21

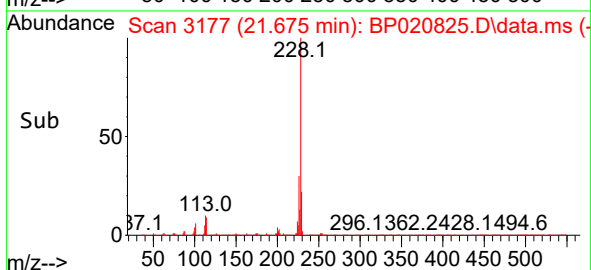
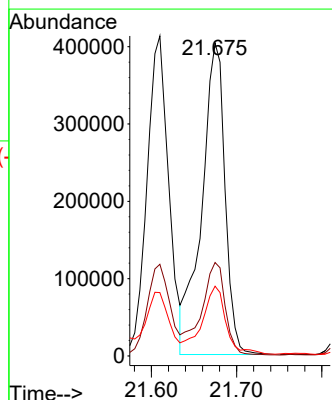
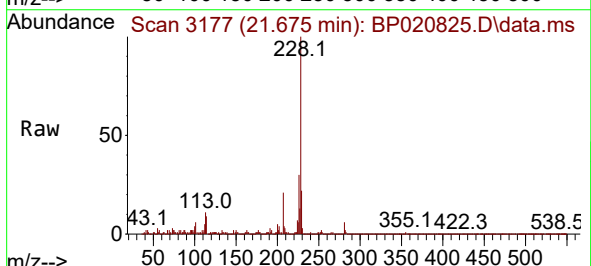
Instrument :
BNA_P
ClientSampleId :
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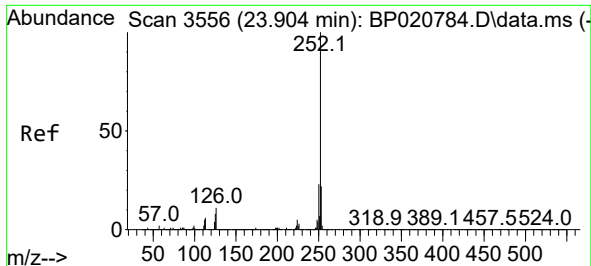
Tgt Ion:149 Resp: 133570
Ion Ratio Lower Upper
149 100
167 29.1 22.0 33.0
279 4.5 3.3 4.9



#87
Chrysene
Concen: 8.479 ng/ul
RT: 21.675 min Scan# 3177
Delta R.T. 0.006 min
Lab File: BP020825.D
Acq: 06 Jul 2024 18:21

Tgt Ion:228 Resp: 769160
Ion Ratio Lower Upper
228 100
226 29.9 23.8 35.6
229 22.3 16.1 24.1

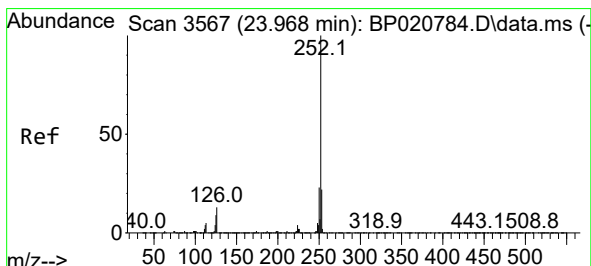
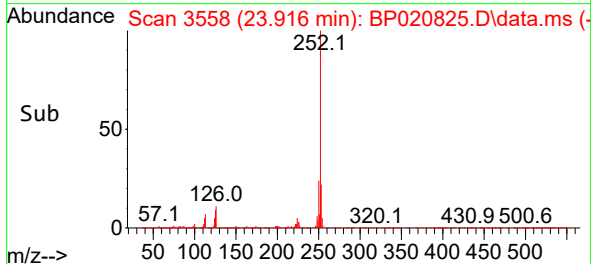
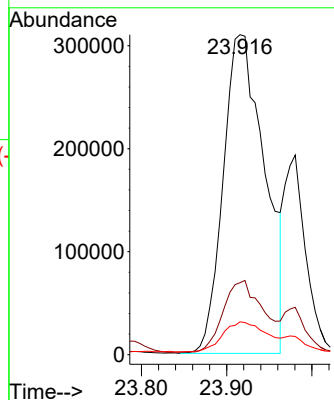
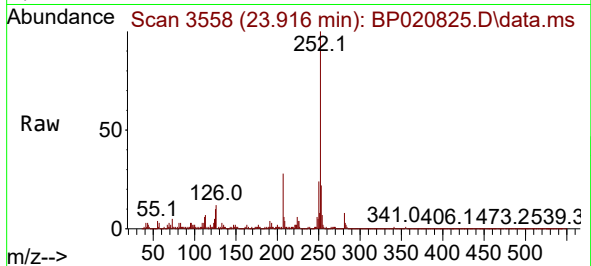




#90
Benzo(b)fluoranthene
Concen: 10.571 ng/ul
RT: 23.916 min Scan# 3558
Delta R.T. 0.012 min
Lab File: BP020825.D
Acq: 06 Jul 2024 18:21

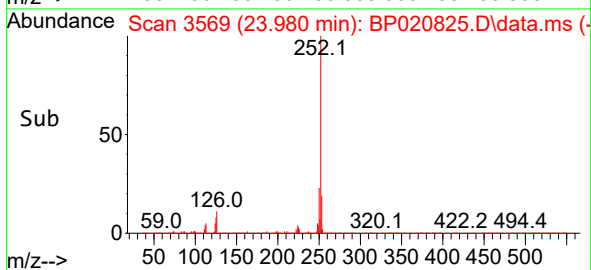
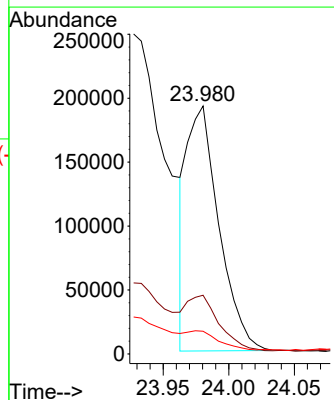
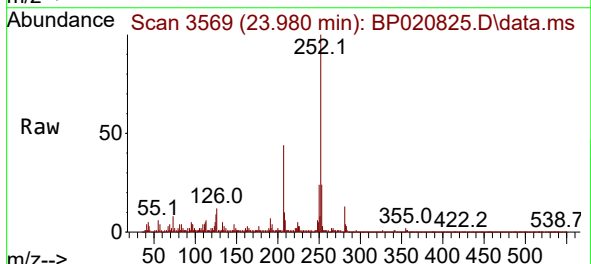
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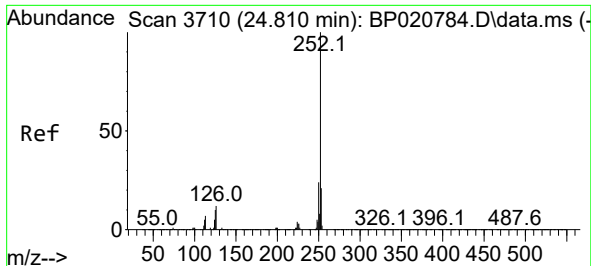
Tgt Ion:252 Resp: 1047359
Ion Ratio Lower Upper
252 100
253 22.5 17.5 26.3
125 10.3 7.9 11.9



#91
Benzo(k)fluoranthene
Concen: 3.250 ng/ul
RT: 23.980 min Scan# 3569
Delta R.T. 0.006 min
Lab File: BP020825.D
Acq: 06 Jul 2024 18:21

Tgt Ion:252 Resp: 325730
Ion Ratio Lower Upper
252 100
253 23.7 17.6 26.4
125 9.2 7.9 11.9

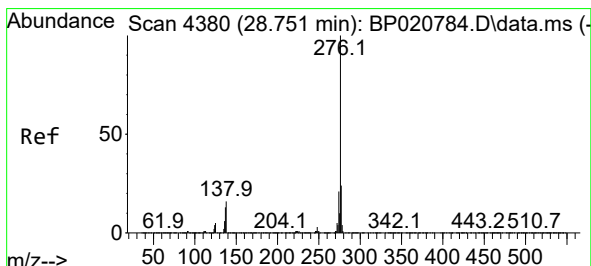
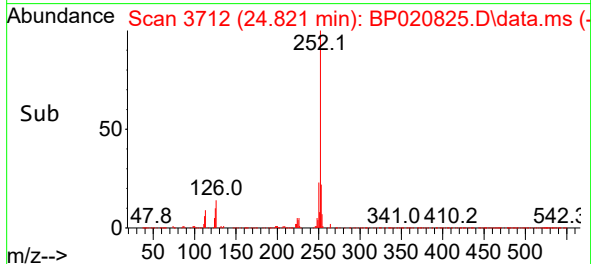
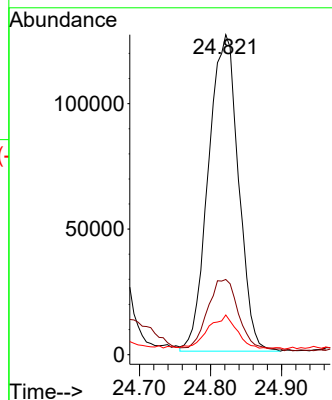
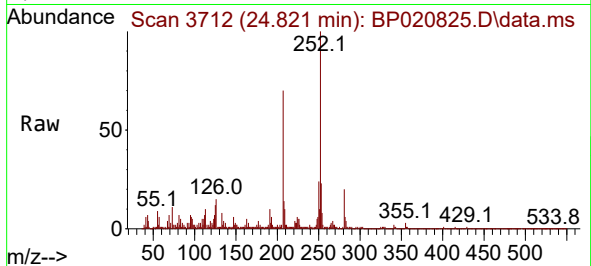




#93
Benzo(a)pyrene
Concen: 3.967 ng/ul
RT: 24.821 min Scan# 3710
Delta R.T. 0.012 min
Lab File: BP020825.D
Acq: 06 Jul 2024 18:21

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Tgt Ion:252 Resp: 371072
Ion Ratio Lower Upper
252 100
253 23.5 17.4 26.2
125 12.4 8.7 13.1



#94
Indeno(1,2,3-cd)pyrene
Concen: 1.116 ng/ul
RT: 28.762 min Scan# 4382
Delta R.T. 0.000 min
Lab File: BP020825.D
Acq: 06 Jul 2024 18:21

Tgt Ion:276 Resp: 133910
Ion Ratio Lower Upper
276 100
138 19.7 15.2 22.8
277 24.6 19.0 28.4

