

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP122222\
 Data File : BP013284.D
 Acq On : 23 Dec 2022 17:44
 Operator : CG/JU
 Sample : N6018-20
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 DBYK5

Quant Time: Dec 24 00:26:31 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120722.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Dec 24 00:19:17 2022
 Response via : Initial Calibration

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

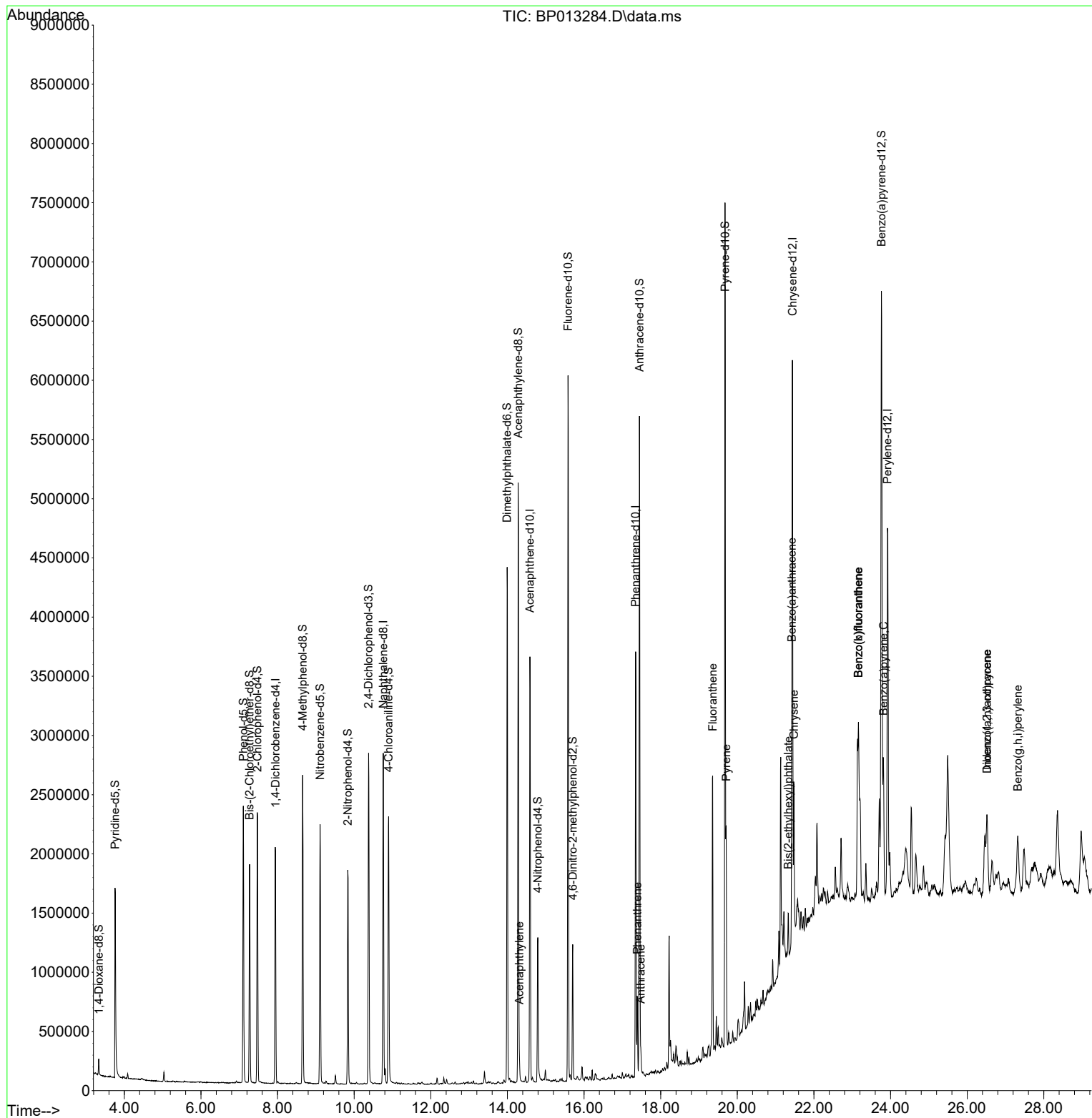
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.946	152	545721	20.000	ng/ul	0.00
20) Naphthalene-d8	10.757	136	2220932	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.586	164	1229257	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.345	188	2191729	20.000	ng/ul	0.00
79) Chrysene-d12	21.439	240	2101750	20.000	ng/ul	0.00
88) Perylene-d12	23.921	264	2505184	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.334	96	62284	4.880	ng/uL	0.00
4) Pyridine-d5	3.763	84	829744	22.885	ng/ul	0.00
7) Phenol-d5	7.104	99	1277455	28.739	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.269	67	781043	29.128	ng/ul	0.00
11) 2-Chlorophenol-d4	7.475	132	1038310	29.673	ng/ul	0.00
15) 4-Methylphenol-d8	8.657	113	992220	27.243	ng/ul	0.00
21) Nitrobenzene-d5	9.110	128	509280	31.210	ng/ul	0.00
24) 2-Nitrophenol-d4	9.834	143	577801	31.452	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.375	165	1062985	29.790	ng/ul	0.00
31) 4-Chloroaniline-d4	10.898	131	1232378	24.464	ng/ul	0.00
46) Dimethylphthalate-d6	13.992	166	2914585	30.851	ng/ul	0.00
49) Acenaphthylene-d8	14.281	160	3279787	31.594	ng/ul	0.00
54) 4-Nitrophenol-d4	14.792	143	319720	18.814	ng/ul	0.00
60) Fluorene-d10	15.580	176	2348836	29.388	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.704	200	248064	17.588	ng/ul	0.00
73) Anthracene-d10	17.445	188	3143018	31.787	ng/ul	0.00
81) Pyrene-d10	19.680	212	3593151	29.784	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.762	264	3981010	31.882	ng/ul	0.00
Target Compounds					Qvalue	
50) Acenaphthylene	14.310	152	131968	1.182	ng/ul	99
72) Phenanthrene	17.392	178	408379	3.577	ng/ul	99
74) Anthracene	17.480	178	127428	1.118	ng/ul	98
80) Fluoranthene	19.357	202	1368229	9.993	ng/ul	99
82) Pyrene	19.710	202	1098041	7.774	ng/ul	99
85) Benzo(a)anthracene	21.421	228	905509	6.490	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.333	149	96166	1.249	ng/ul	98
87) Chrysene	21.480	228	853235	6.467	ng/ul	98
90) Benzo(b)fluoranthene	23.162	252	1381386	8.647	ng/ul	99
91) Benzo(k)fluoranthene	23.162	252	1381386	8.720	ng/ul	99
93) Benzo(a)pyrene	23.815	252	878965	6.319	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.515	276	690889	3.988	ng/ul	96
95) Dibenzo(a,h)anthracene	26.521	278	175887	1.226	ng/ul#	82
96) Benzo(g,h,i)perylene	27.321	276	673885	4.845	ng/ul	99

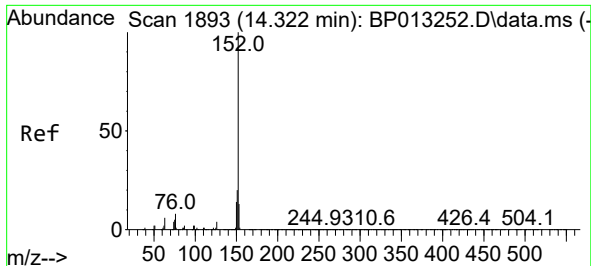
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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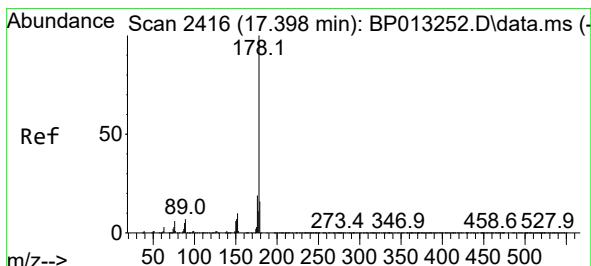
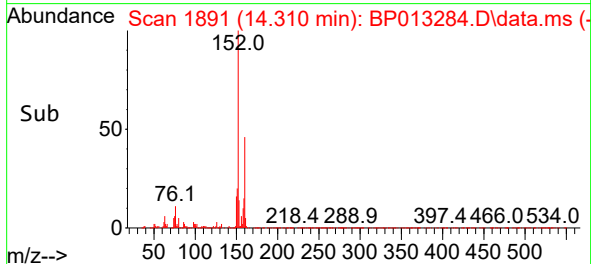
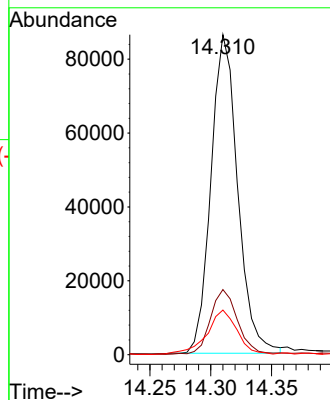
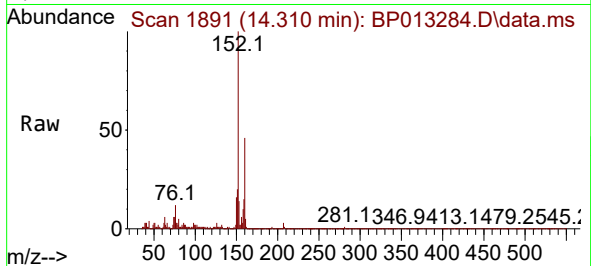




#50
Acenaphthylene
Concen: 1.182 ng/ul
RT: 14.310 min Scan# 1891
Delta R.T. -0.000 min
Lab File: BP013284.D
Acq: 23 Dec 2022 17:44

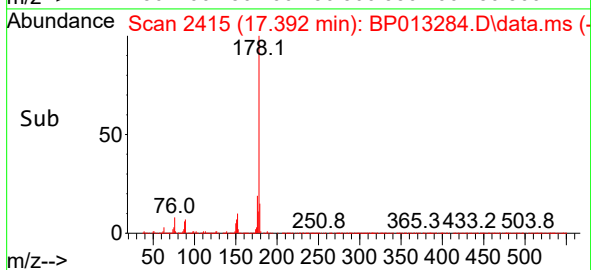
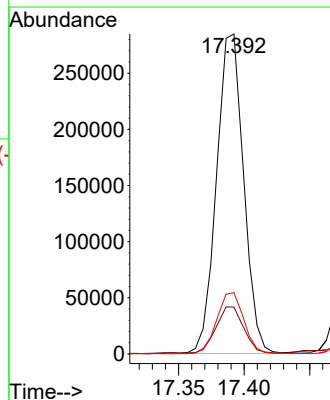
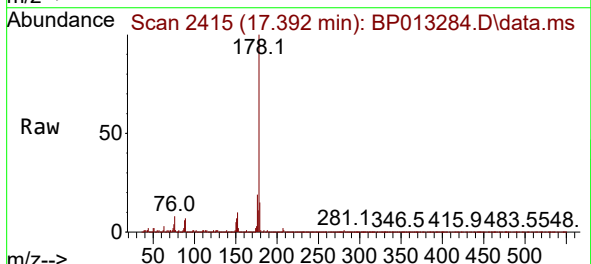
Instrument :
BNA_P
ClientSampleId :
DBYK5

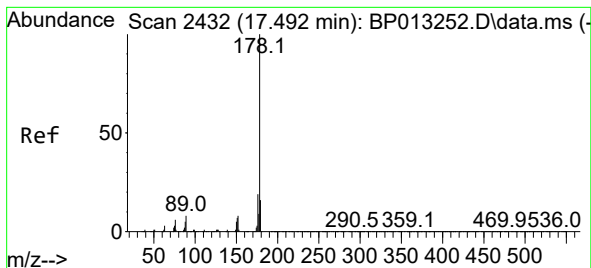
Tgt Ion:152 Resp: 131968
Ion Ratio Lower Upper
152 100
151 20.4 15.8 23.6
153 13.9 10.6 16.0



#72
Phenanthrene
Concen: 3.577 ng/ul
RT: 17.392 min Scan# 2415
Delta R.T. 0.006 min
Lab File: BP013284.D
Acq: 23 Dec 2022 17:44

Tgt Ion:178 Resp: 408379
Ion Ratio Lower Upper
178 100
179 14.7 12.5 18.7
176 19.2 15.4 23.0





#74

Anthracene

Concen: 1.118 ng/ul

RT: 17.480 min Scan# 2432

Delta R.T. -0.000 min

Lab File: BP013284.D

Acq: 23 Dec 2022 17:44

Instrument :

BNA_P

ClientSampleId :

DBYK5

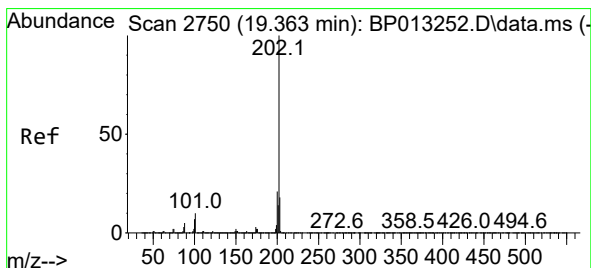
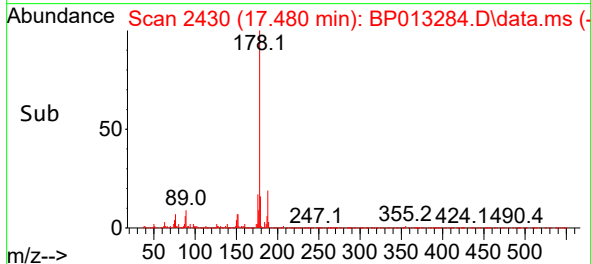
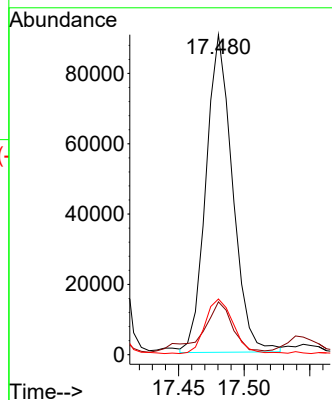
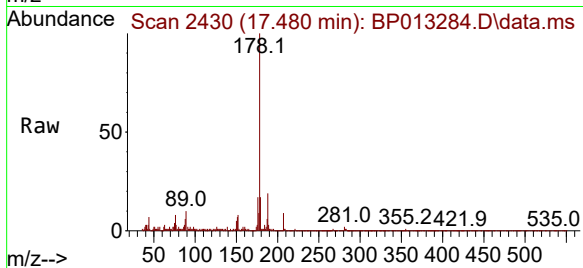
Tgt Ion:178 Resp: 127428

Ion Ratio Lower Upper

178 100

179 16.5 12.5 18.7

176 17.4 14.8 22.2



#80

Fluoranthene

Concen: 9.993 ng/ul

RT: 19.357 min Scan# 2749

Delta R.T. 0.006 min

Lab File: BP013284.D

Acq: 23 Dec 2022 17:44

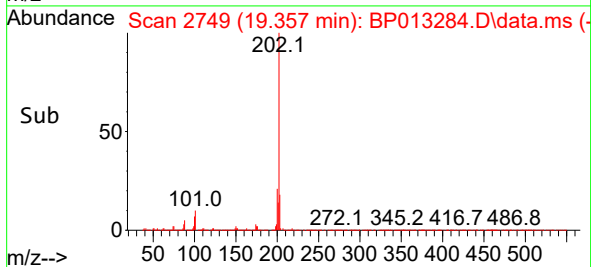
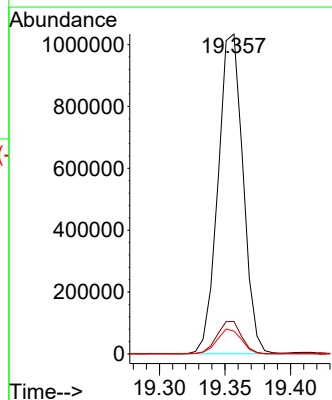
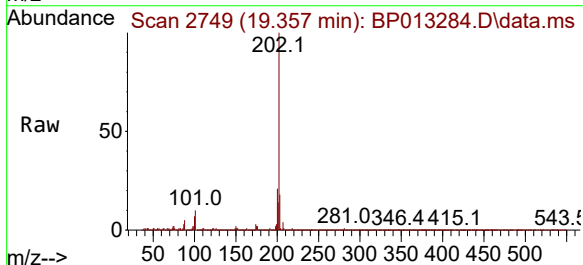
Tgt Ion:202 Resp: 1368229

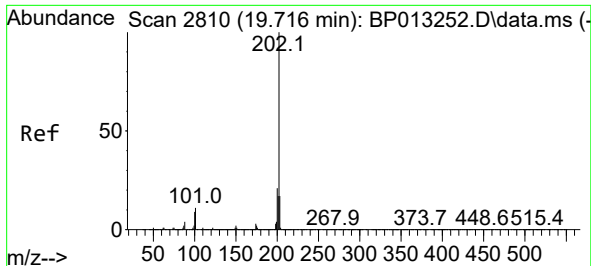
Ion Ratio Lower Upper

202 100

101 10.1 8.2 12.2

100 7.1 6.1 9.1

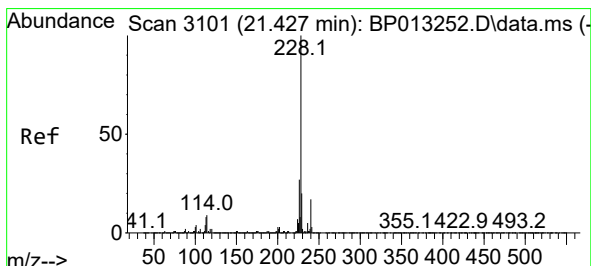
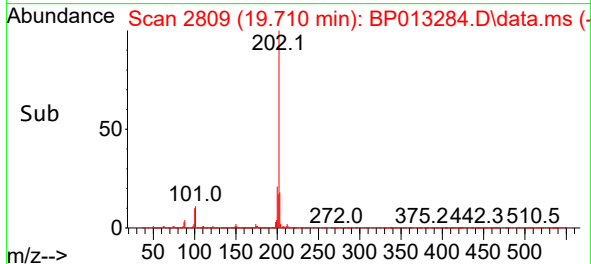
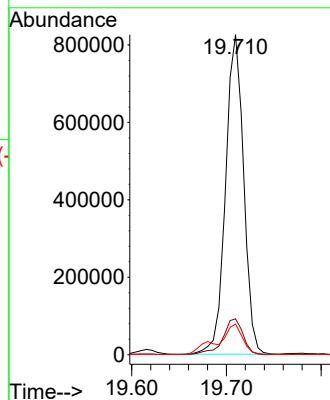
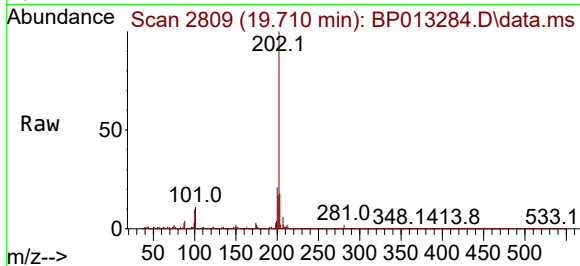




#82
Pyrene
Concen: 7.774 ng/ul
RT: 19.710 min Scan# 2100
Delta R.T. -0.000 min
Lab File: BP013284.D
Acq: 23 Dec 2022 17:44

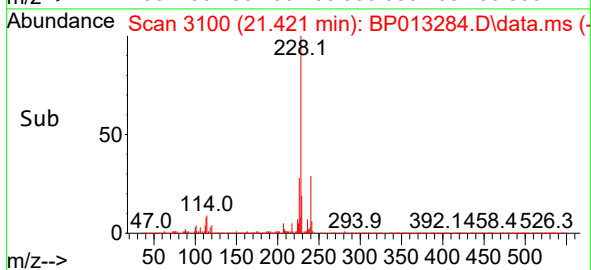
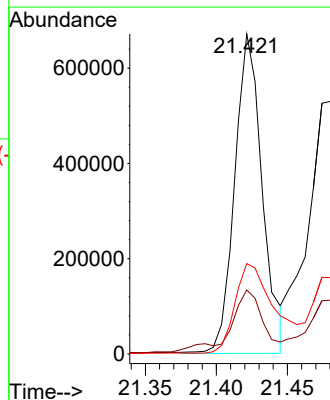
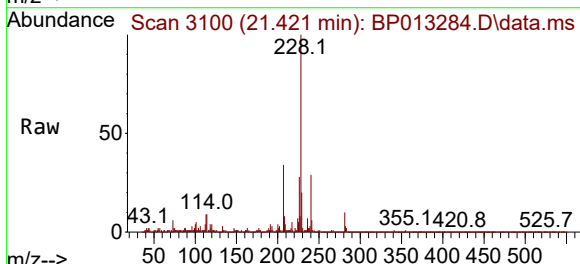
Instrument :
BNA_P
ClientSampleId :
DBYK5

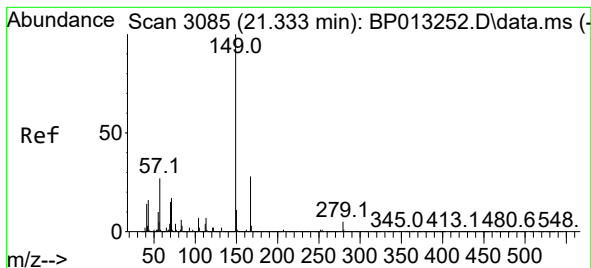
Tgt Ion:202 Resp: 1098041
Ion Ratio Lower Upper
202 100
101 11.2 9.4 14.2
100 9.5 7.8 11.8



#85
Benzo(a)anthracene
Concen: 6.490 ng/ul
RT: 21.421 min Scan# 3100
Delta R.T. -0.000 min
Lab File: BP013284.D
Acq: 23 Dec 2022 17:44

Tgt Ion:228 Resp: 905509
Ion Ratio Lower Upper
228 100
229 20.0 16.1 24.1
226 28.3 22.0 33.0

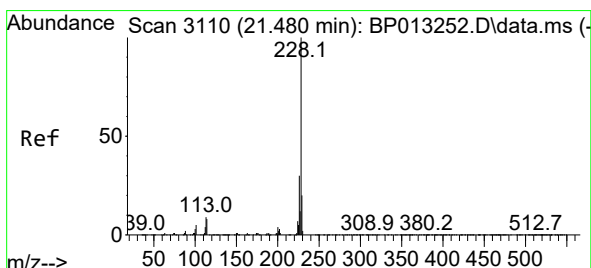
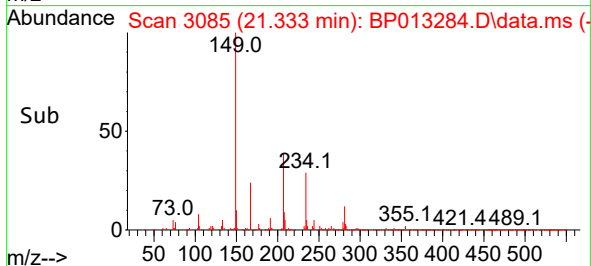
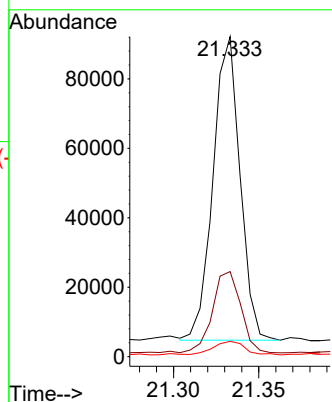
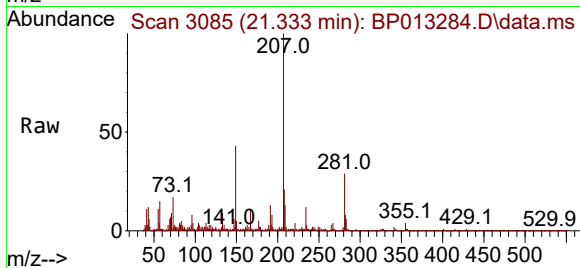




#86
 Bis(2-ethylhexyl)phthalate
 Concen: 1.249 ng/ul
 RT: 21.333 min Scan# 3085
 Delta R.T. 0.006 min
 Lab File: BP013284.D
 Acq: 23 Dec 2022 17:44

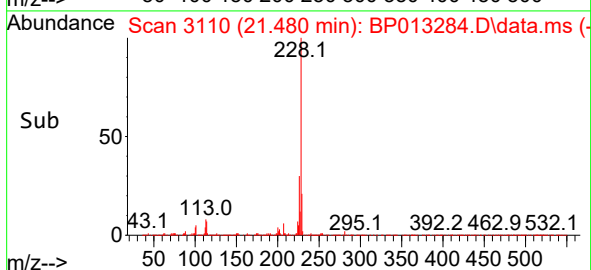
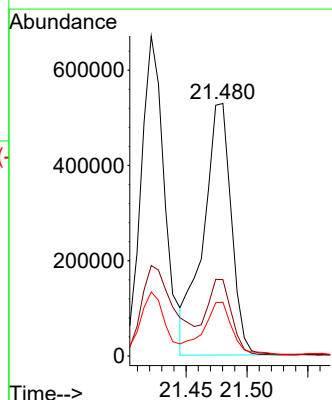
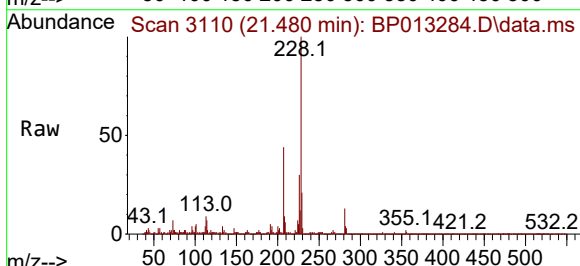
Instrument :
 BNA_P
 ClientSampleId :
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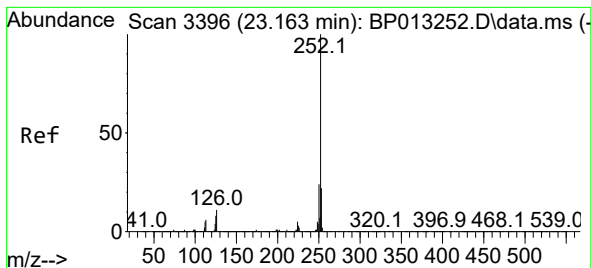
Tgt Ion:149 Resp: 96166
 Ion Ratio Lower Upper
 149 100
 167 26.6 22.5 33.7
 279 4.8 3.8 5.8



#87
 Chrysene
 Concen: 6.467 ng/ul
 RT: 21.480 min Scan# 3110
 Delta R.T. 0.006 min
 Lab File: BP013284.D
 Acq: 23 Dec 2022 17:44

Tgt Ion:228 Resp: 853235
 Ion Ratio Lower Upper
 228 100
 226 30.2 24.5 36.7
 229 21.3 16.0 24.0





#90

Benzo(b)fluoranthene

Concen: 8.647 ng/ul

RT: 23.162 min Scan# 3396

Delta R.T. 0.006 min

Lab File: BP013284.D

Acq: 23 Dec 2022 17:44

Instrument :

BNA_P

ClientSampleId :

DBYK5

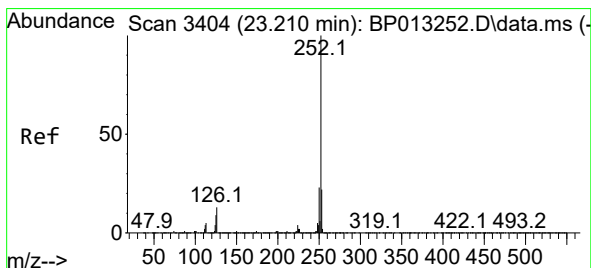
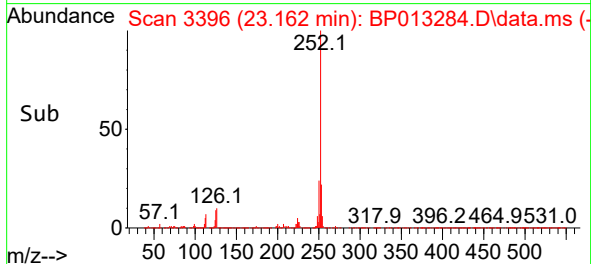
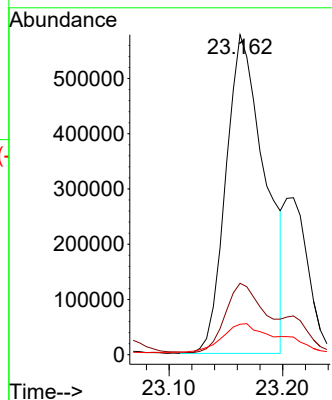
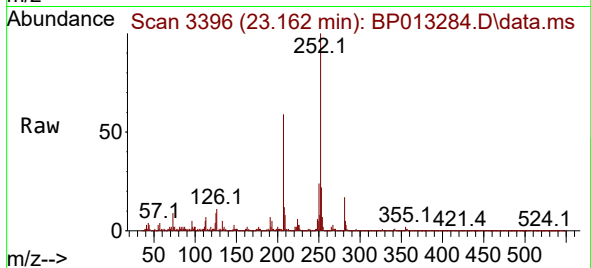
Tgt Ion:252 Resp: 1381386

Ion Ratio Lower Upper

252 100

253 22.3 17.7 26.5

125 9.5 6.8 10.2



#91

Benzo(k)fluoranthene

Concen: 8.720 ng/ul

RT: 23.162 min Scan# 3396

Delta R.T. -0.041 min

Lab File: BP013284.D

Acq: 23 Dec 2022 17:44

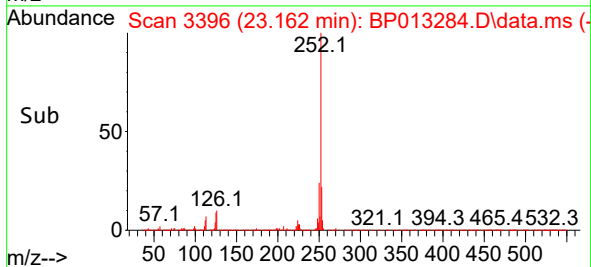
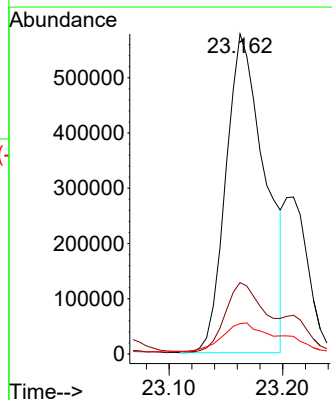
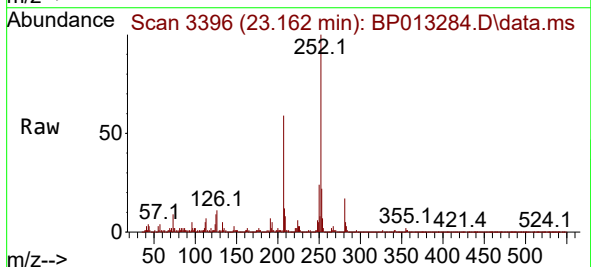
Tgt Ion:252 Resp: 1381386

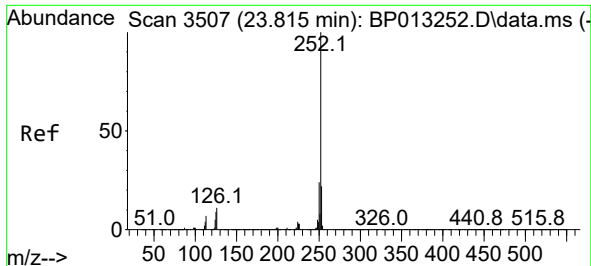
Ion Ratio Lower Upper

252 100

253 22.3 17.7 26.5

125 9.5 6.8 10.2

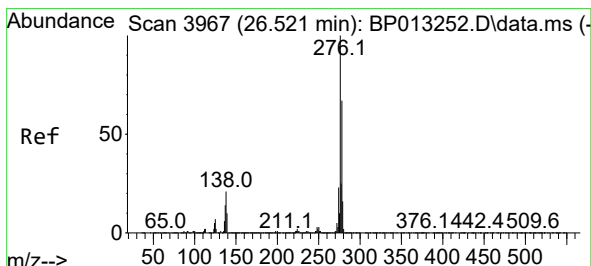
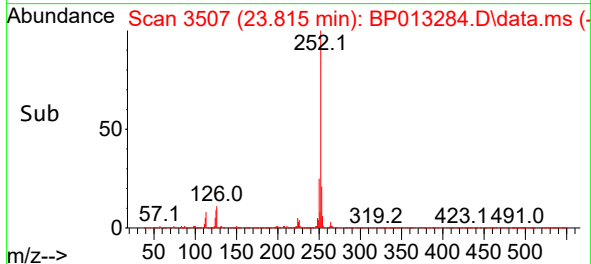
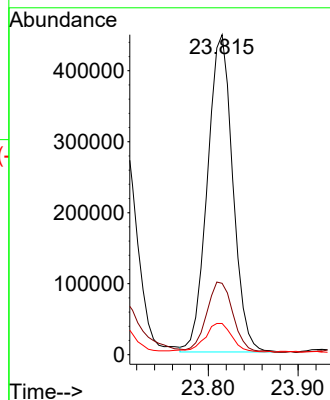
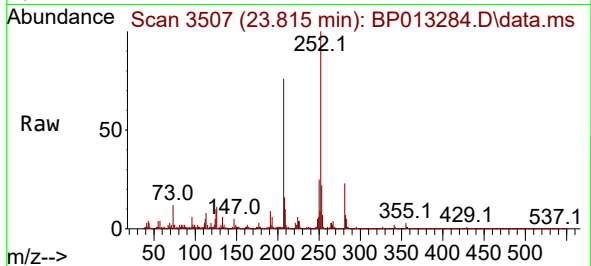




#93
Benzo(a)pyrene
Concen: 6.319 ng/ul
RT: 23.815 min Scan# 3507
Delta R.T. 0.006 min
Lab File: BP013284.D
Acq: 23 Dec 2022 17:44

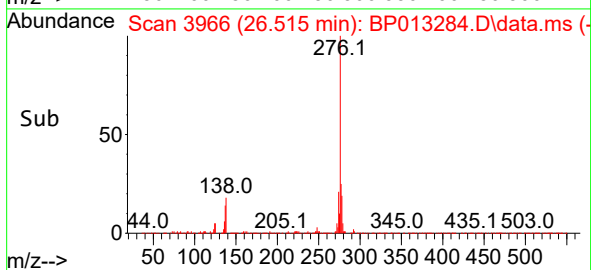
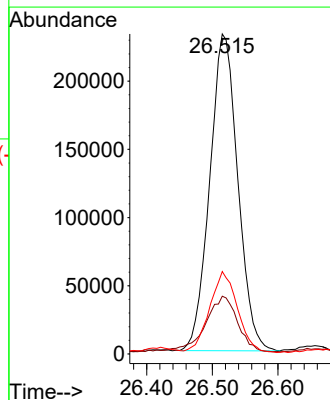
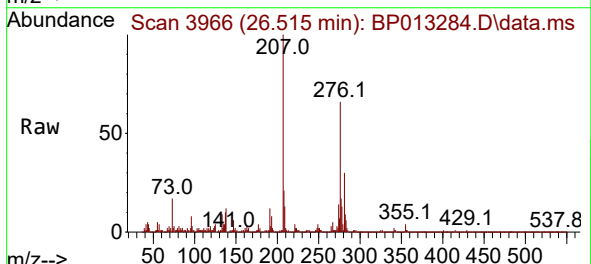
Instrument :
BNA_P
ClientSampleId :
DBYK5

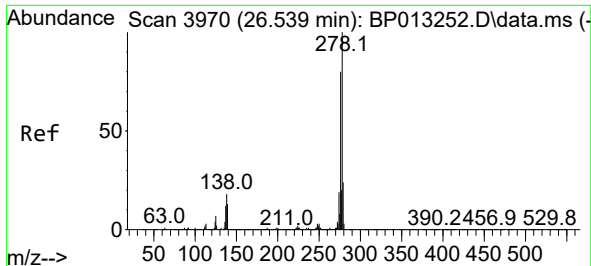
Tgt Ion:252 Resp: 878965
Ion Ratio Lower Upper
252 100
253 22.3 17.5 26.3
125 9.7 7.5 11.3



#94
Indeno(1,2,3-cd)pyrene
Concen: 3.988 ng/ul
RT: 26.515 min Scan# 3966
Delta R.T. -0.000 min
Lab File: BP013284.D
Acq: 23 Dec 2022 17:44

Tgt Ion:276 Resp: 690889
Ion Ratio Lower Upper
276 100
138 18.0 17.1 25.7
277 25.8 20.0 30.0

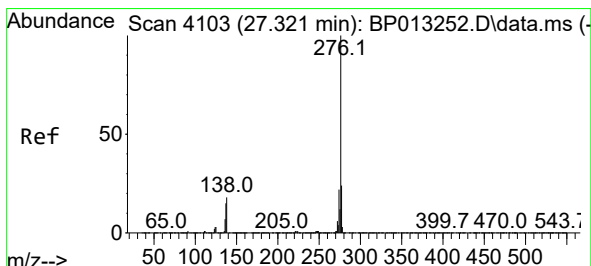
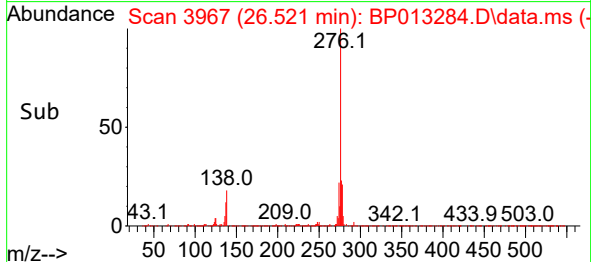
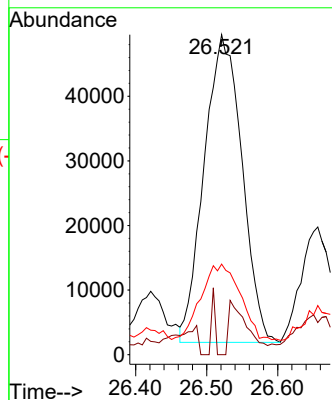
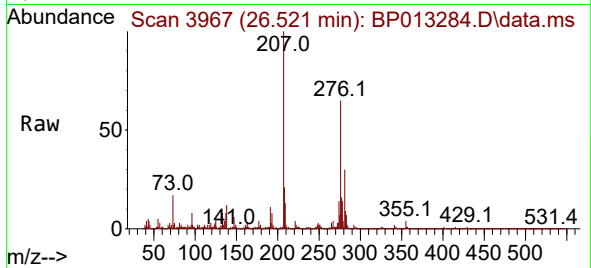




#95
Dibenzo(a,h)anthracene
Concen: 1.226 ng/ul
RT: 26.521 min Scan# 3967
Delta R.T. -0.006 min
Lab File: BP013284.D
Acq: 23 Dec 2022 17:44

Instrument :
BNA_P
ClientSampleId :
DBYK5

Tgt Ion:278 Resp: 175887
Ion Ratio Lower Upper
278 100
139 0.0 11.1 16.7#
279 28.3 19.0 28.6



#96
Benzo(g,h,i)perylene
Concen: 4.845 ng/ul
RT: 27.321 min Scan# 4103
Delta R.T. 0.012 min
Lab File: BP013284.D
Acq: 23 Dec 2022 17:44

Tgt Ion:276 Resp: 673885
Ion Ratio Lower Upper
276 100
138 18.7 15.4 23.2
277 24.1 19.1 28.7

