

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051024\
 Data File : BP020297.D
 Acq On : 10 May 2024 19:21
 Operator : MA/JU
 Sample : P2370-19
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 A43R3

Quant Time: May 10 22:48:49 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP050124.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed May 08 22:57:55 2024
 Response via : Initial Calibration

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

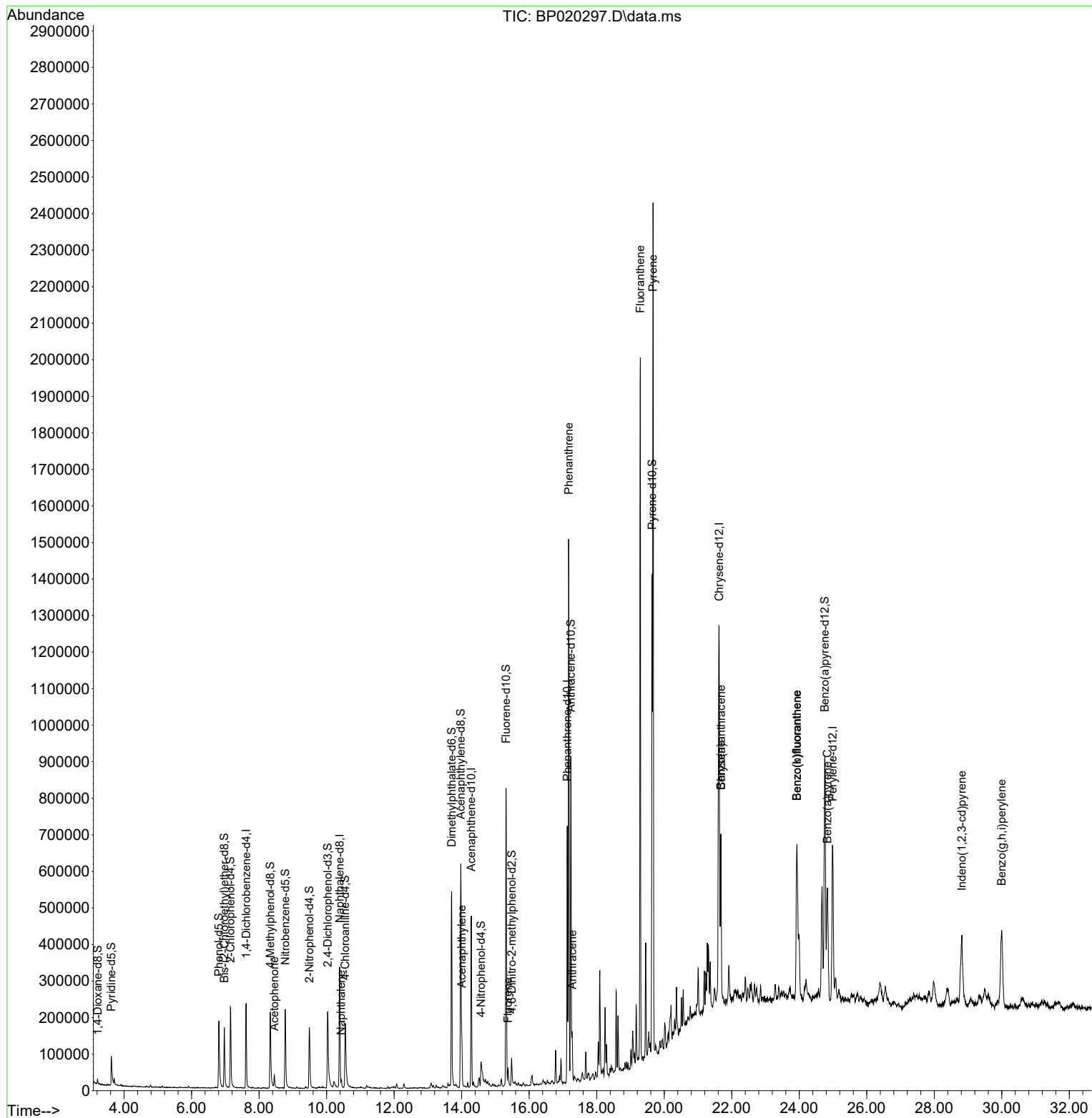
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.616	152	64852	20.000	ng/ul	0.00
20) Naphthalene-d8	10.387	136	268505	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.287	164	181626	20.000	ng/ul	-0.01
64) Phenanthrene-d10	17.128	188	402461	20.000	ng/ul	-0.01
79) Chrysene-d12	21.627	240	413510	20.000	ng/ul	-0.01
88) Perylene-d12	24.986	264	482149	20.000	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.217	96	6092	3.967	ng/uL	0.00
4) Pyridine-d5	3.623	84	56461	12.654	ng/ul	0.00
7) Phenol-d5	6.811	99	131421	23.597	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	6.969	67	81236	24.011	ng/ul	0.00
11) 2-Chlorophenol-d4	7.152	132	106468	26.741	ng/ul	0.00
15) 4-Methylphenol-d8	8.334	113	100034	22.216	ng/ul	0.01
21) Nitrobenzene-d5	8.775	128	55140	27.424	ng/ul	0.00
24) 2-Nitrophenol-d4	9.487	143	60633	26.334	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.034	165	109730	26.116	ng/ul	0.01
31) 4-Chloroaniline-d4	10.552	131	126253	21.469	ng/ul	0.00
46) Dimethylphthalate-d6	13.704	166	394465	29.741	ng/ul	0.00
49) Acenaphthylene-d8	13.975	160	434476	29.654	ng/ul	0.00
54) 4-Nitrophenol-d4	14.575	143	32337	15.863	ng/ul	0.02
60) Fluorene-d10	15.316	176	342673	30.975	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.481	200	20054	7.852	ng/ul	0.00
73) Anthracene-d10	17.234	188	544830	31.293	ng/ul	-0.01
81) Pyrene-d10	19.639	212	721387	29.844	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.757	264	749628	32.156	ng/ul	-0.02
Target Compounds						Qvalue
16) Acetophenone	8.452	105	18704	2.503	ng/ul	96
30) Naphthalene	10.434	128	14824	1.071	ng/ul#	93
50) Acenaphthylene	14.004	152	104486	6.340	ng/ul	98
61) Fluorene	15.375	166	22093	1.746	ng/ul	100
72) Phenanthrene	17.169	178	945347	46.038	ng/ul	99
74) Anthracene	17.275	178	90853	4.350	ng/ul	97
80) Fluoranthene	19.292	202	1219862	42.883	ng/ul	97
82) Pyrene	19.669	202	1572245	53.120	ng/ul	99
85) Benzo(a)anthracene	21.680	228	379261	13.522	ng/ul	94
87) Chrysene	21.680	228	379265	14.590	ng/ul	98
90) Benzo(b)fluoranthene	23.927	252	549270	19.151	ng/ul	98
91) Benzo(k)fluoranthene	23.927	252	549270	18.792	ng/ul	100
93) Benzo(a)pyrene	24.833	252	338089	12.389	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	28.815	276	352003	10.522	ng/ul	94
96) Benzo(g,h,i)perylene	29.998	276	407785	15.113	ng/ul	100

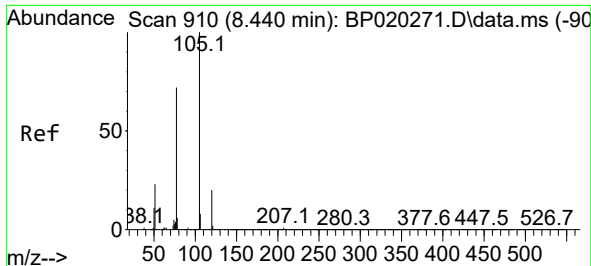
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051024\
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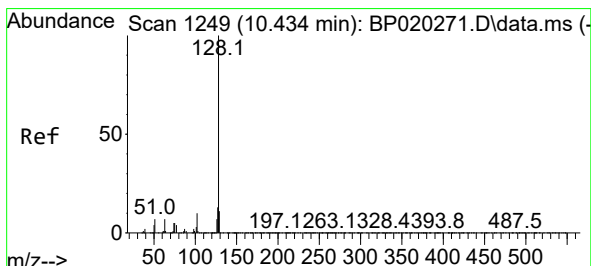
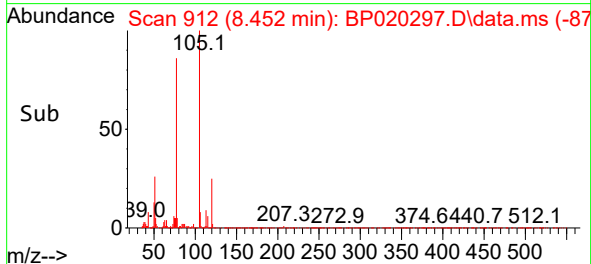
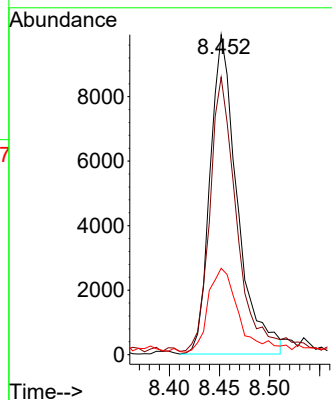
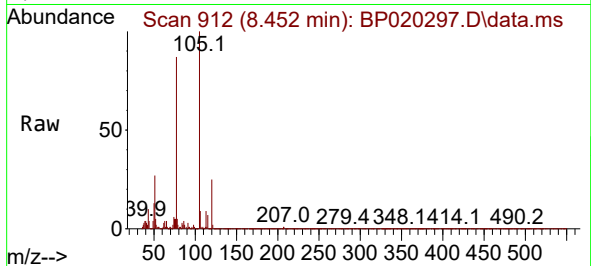




#16
Acetophenone
Concen: 2.503 ng/ul
RT: 8.452 min Scan# 910
Delta R.T. 0.006 min
Lab File: BP020297.D
Acq: 10 May 2024 19:21

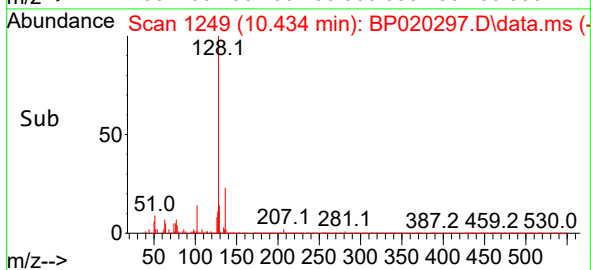
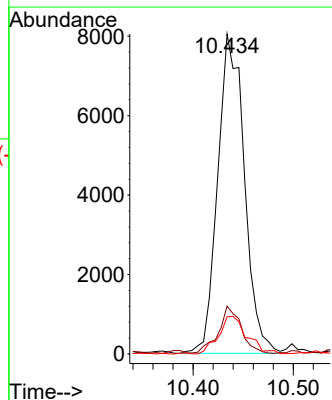
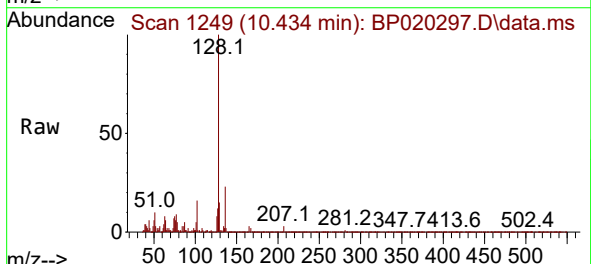
Instrument :
BNA_P
ClientSampleId :
A43R3

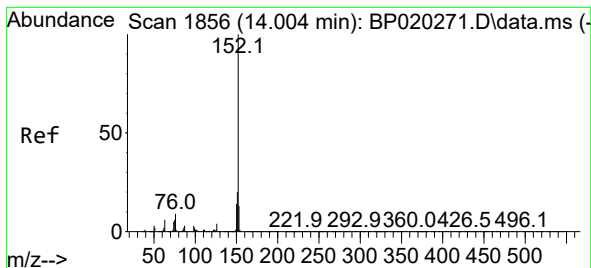
Tgt Ion:	105	Resp:	18704
Ion	Ratio	Lower	Upper
105	100		
77	86.7	66.4	99.6
51	27.0	23.9	35.9



#30
Naphthalene
Concen: 1.071 ng/ul
RT: 10.434 min Scan# 1249
Delta R.T. -0.006 min
Lab File: BP020297.D
Acq: 10 May 2024 19:21

Tgt Ion:	128	Resp:	14824
Ion	Ratio	Lower	Upper
128	100		
129	14.9	8.9	13.3#
127	11.6	10.6	16.0





#50

Acenaphthylene

Concen: 6.340 ng/ul

RT: 14.004 min Scan# 1856

Delta R.T. -0.006 min

Lab File: BP020297.D

Acq: 10 May 2024 19:21

Instrument :

BNA_P

ClientSampleId :

A43R3

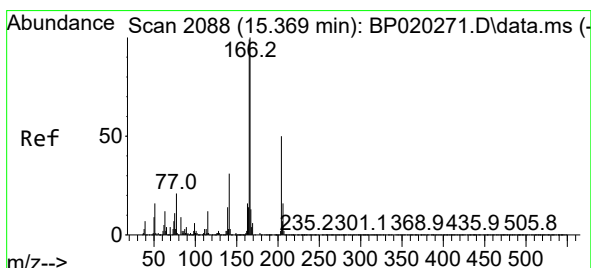
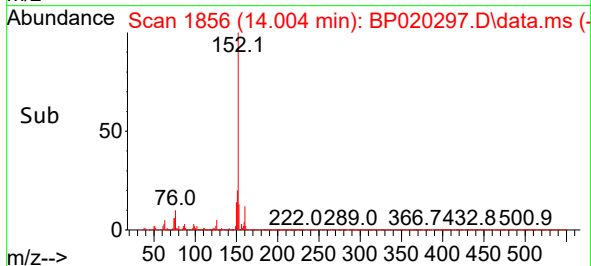
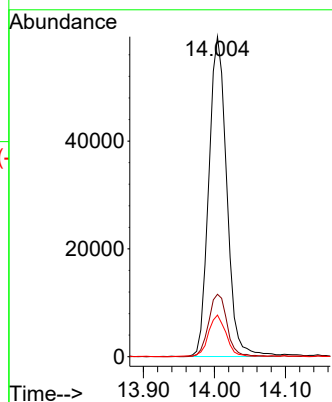
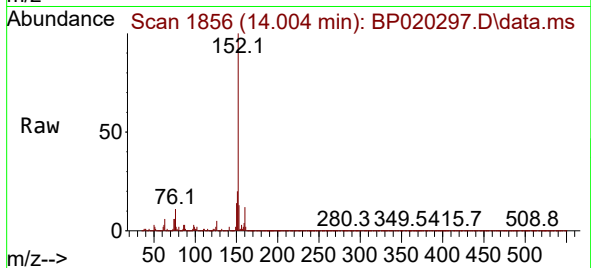
Tgt Ion:152 Resp: 104486

Ion Ratio Lower Upper

152 100

151 19.5 16.5 24.7

153 13.0 10.3 15.5



#61

Fluorene

Concen: 1.746 ng/ul

RT: 15.375 min Scan# 2089

Delta R.T. -0.000 min

Lab File: BP020297.D

Acq: 10 May 2024 19:21

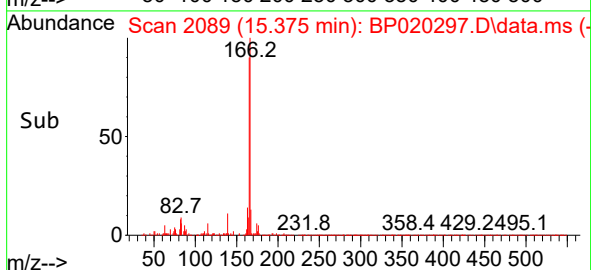
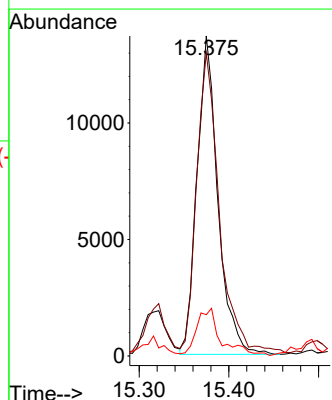
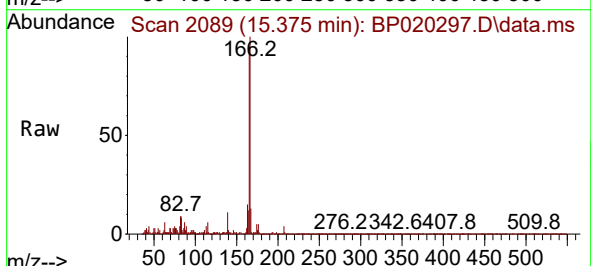
Tgt Ion:166 Resp: 22093

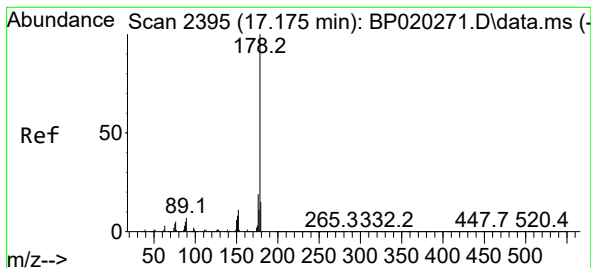
Ion Ratio Lower Upper

166 100

165 94.7 76.2 114.2

167 12.9 10.3 15.5

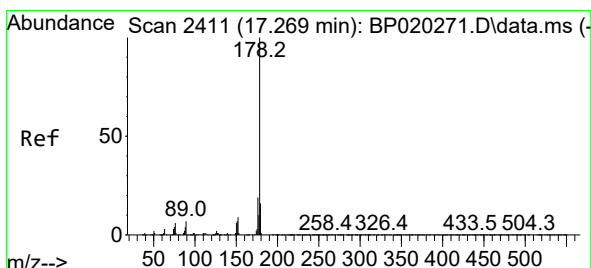
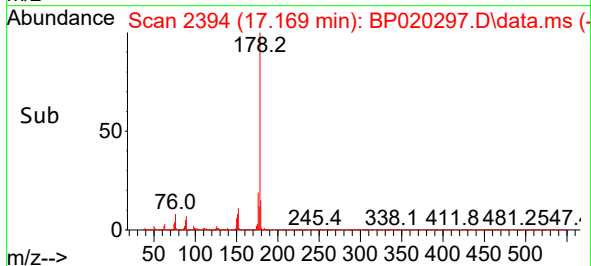
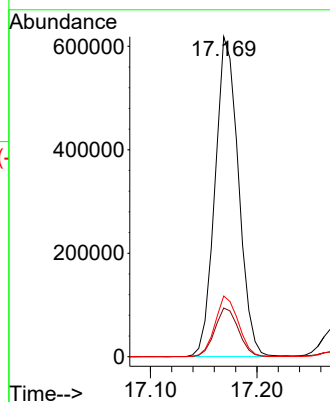
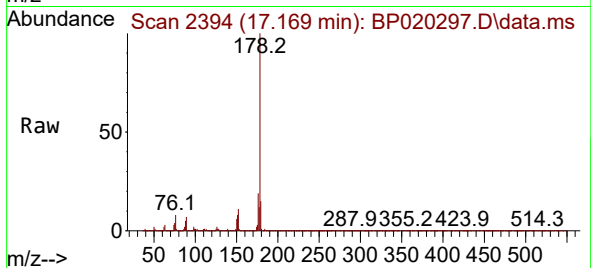




#72
Phenanthrene
Concen: 46.038 ng/ul
RT: 17.169 min Scan# 21
Delta R.T. -0.018 min
Lab File: BP020297.D
Acq: 10 May 2024 19:21

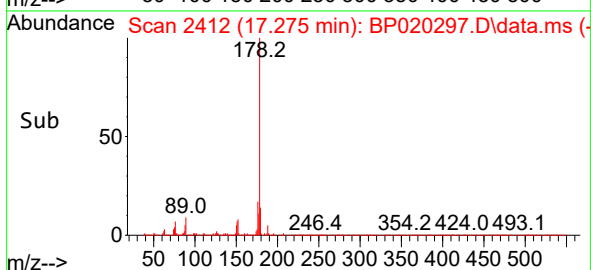
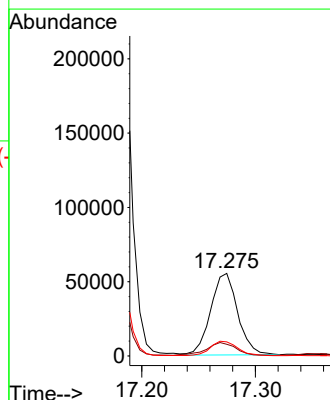
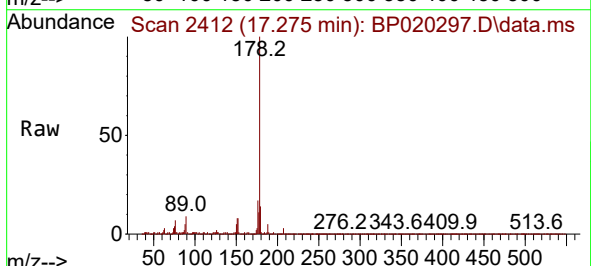
Instrument :
BNA_P
ClientSampleId :
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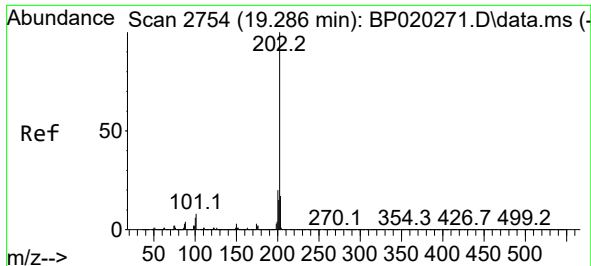
Tgt Ion:178 Resp: 945347
Ion Ratio Lower Upper
178 100
179 15.2 13.0 19.6
176 18.9 15.2 22.8



#74
Anthracene
Concen: 4.350 ng/ul
RT: 17.275 min Scan# 2412
Delta R.T. -0.000 min
Lab File: BP020297.D
Acq: 10 May 2024 19:21

Tgt Ion:178 Resp: 90853
Ion Ratio Lower Upper
178 100
179 14.2 12.0 18.0
176 17.1 14.8 22.2

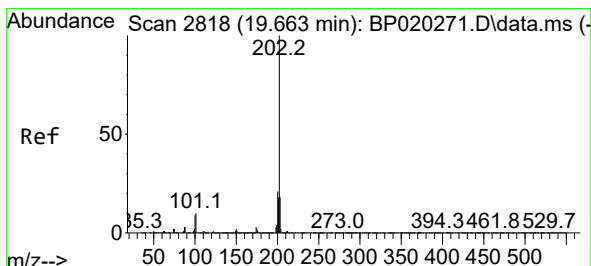
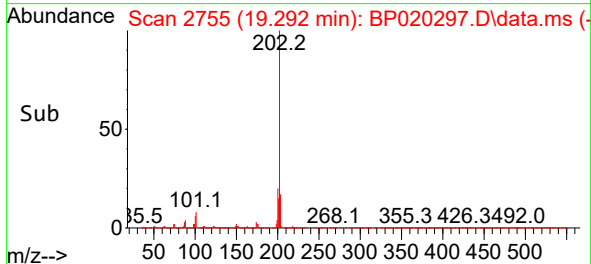
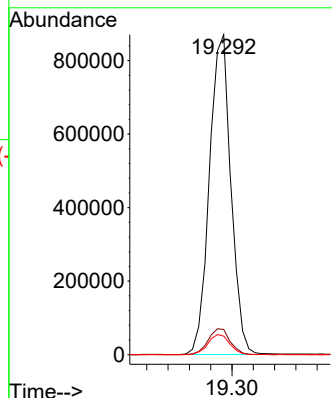
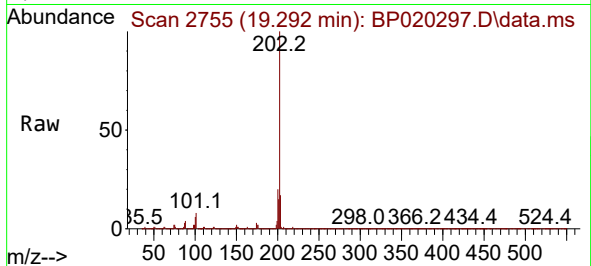




#80
Fluoranthene
Concen: 42.883 ng/ul
RT: 19.292 min Scan# 21
Delta R.T. -0.000 min
Lab File: BP020297.D
Acq: 10 May 2024 19:21

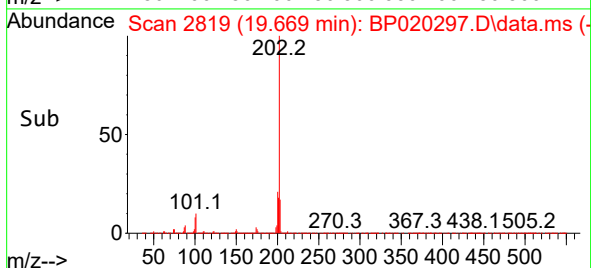
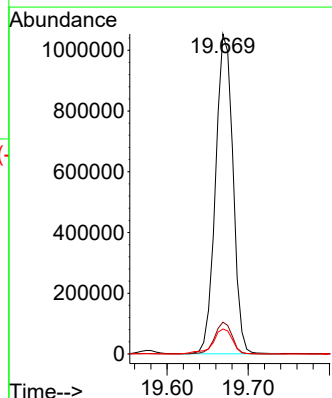
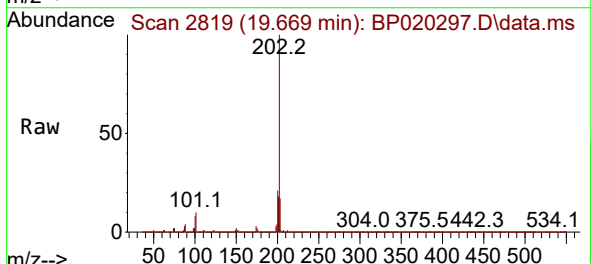
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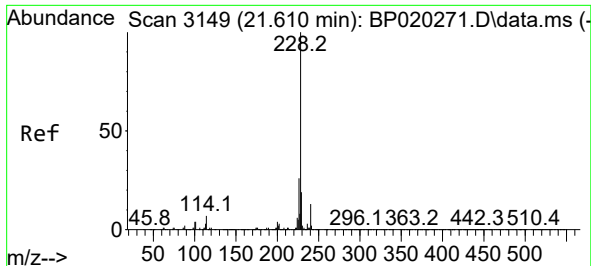
Tgt Ion:202 Resp: 1219862
Ion Ratio Lower Upper
202 100
101 7.9 7.0 10.4
100 5.8 5.5 8.3



#82
Pyrene
Concen: 53.120 ng/ul
RT: 19.669 min Scan# 2819
Delta R.T. -0.006 min
Lab File: BP020297.D
Acq: 10 May 2024 19:21

Tgt Ion:202 Resp: 1572245
Ion Ratio Lower Upper
202 100
101 10.0 8.1 12.1
100 7.8 6.8 10.2

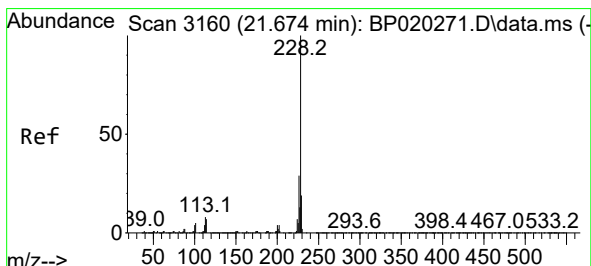
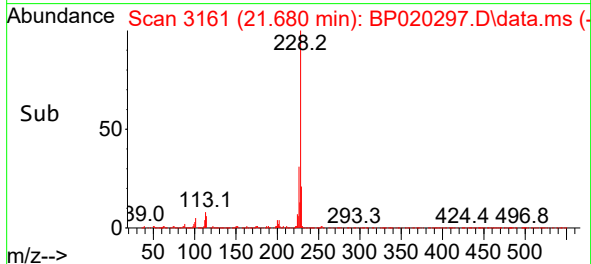
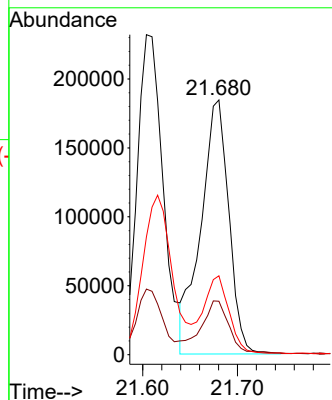
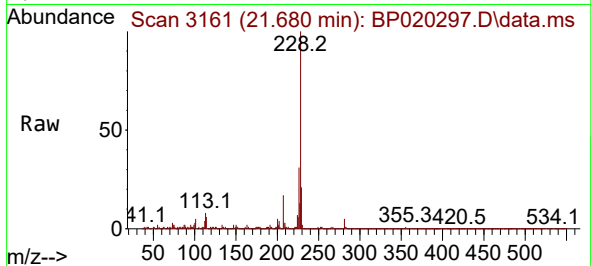




#85
Benzo(a)anthracene
Concen: 13.522 ng/ul
RT: 21.680 min Scan# 3161
Delta R.T. 0.065 min
Lab File: BP020297.D
Acq: 10 May 2024 19:21

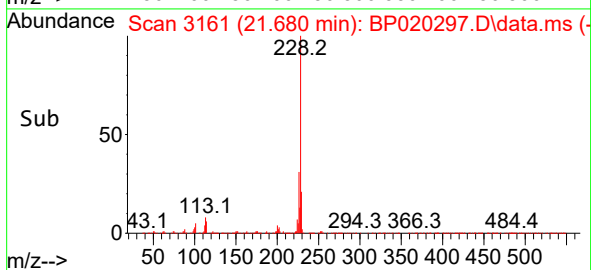
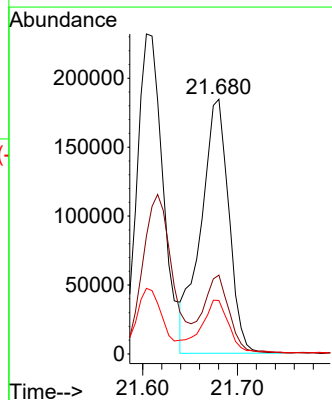
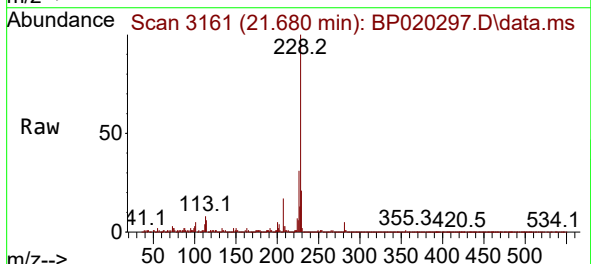
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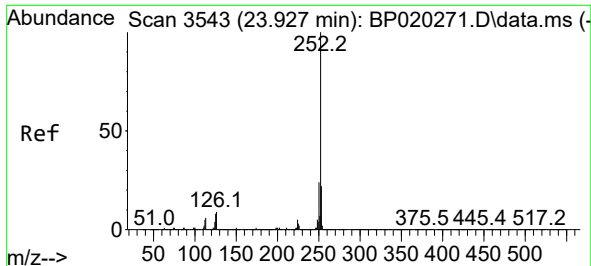
Tgt Ion:228 Resp: 379261
Ion Ratio Lower Upper
228 100
229 21.0 15.8 23.8
226 30.9 21.5 32.3



#87
Chrysene
Concen: 14.590 ng/ul
RT: 21.680 min Scan# 3161
Delta R.T. -0.006 min
Lab File: BP020297.D
Acq: 10 May 2024 19:21

Tgt Ion:228 Resp: 379265
Ion Ratio Lower Upper
228 100
226 30.9 24.2 36.4
229 21.0 15.9 23.9

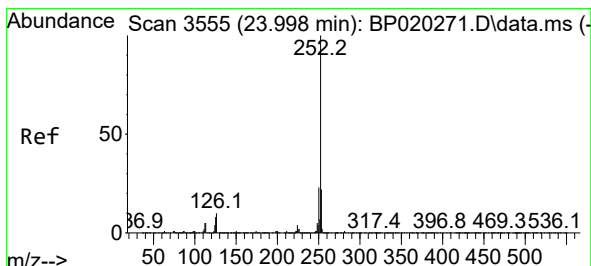
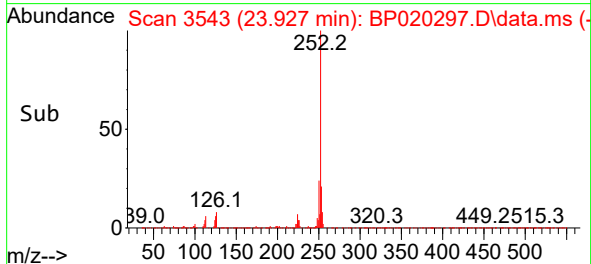
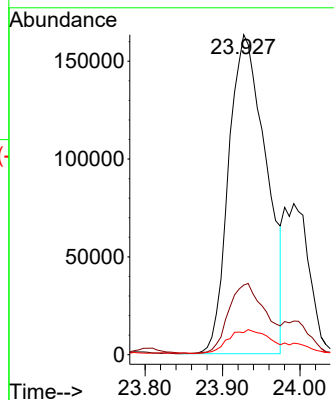
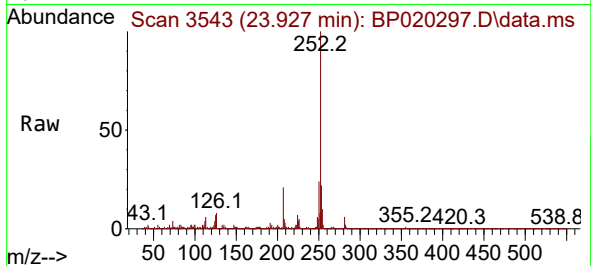




#90
Benzo(b)fluoranthene
Concen: 19.151 ng/ul
RT: 23.927 min Scan# 3543
Delta R.T. -0.012 min
Lab File: BP020297.D
Acq: 10 May 2024 19:21

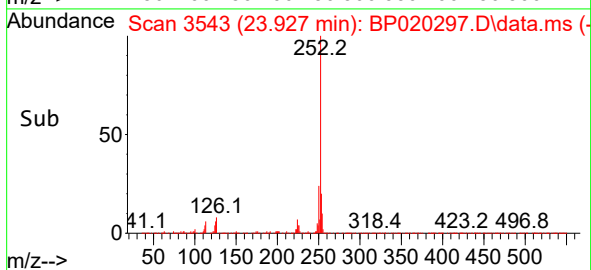
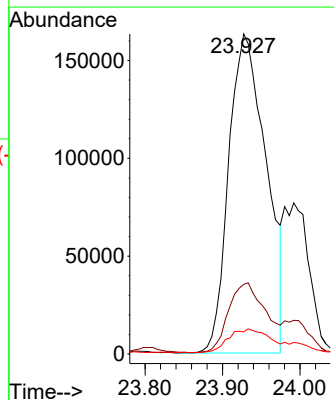
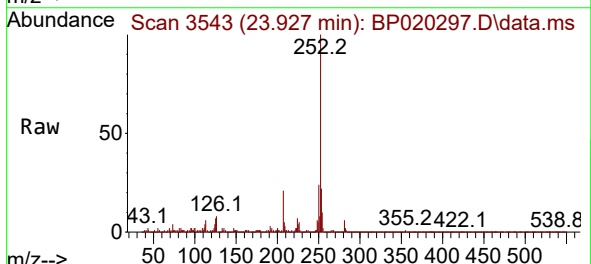
Instrument :
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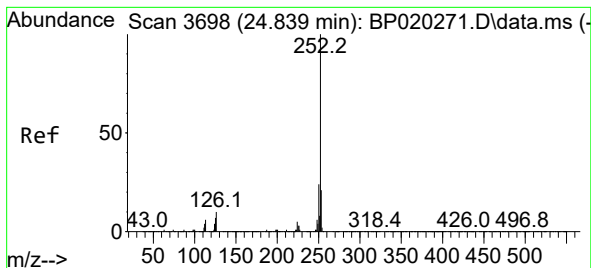
Tgt Ion:252 Resp: 549270
Ion Ratio Lower Upper
252 100
253 21.7 17.9 26.9
125 6.9 6.2 9.2



#91
Benzo(k)fluoranthene
Concen: 18.792 ng/ul
RT: 23.927 min Scan# 3543
Delta R.T. -0.082 min
Lab File: BP020297.D
Acq: 10 May 2024 19:21

Tgt Ion:252 Resp: 549270
Ion Ratio Lower Upper
252 100
253 21.7 17.3 25.9
125 6.9 5.6 8.4





#93

Benzo(a)pyrene

Concen: 12.389 ng/ul

RT: 24.833 min Scan# 3

Delta R.T. -0.012 min

Lab File: BP020297.D

Acq: 10 May 2024 19:21

Instrument :

BNA_P

ClientSampleId :

A43R3

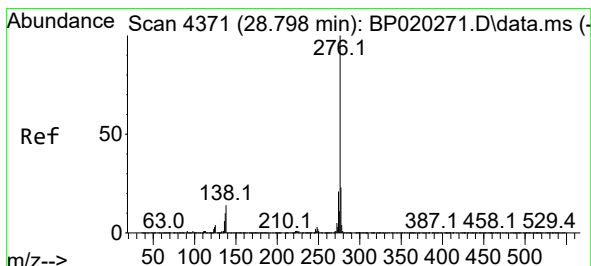
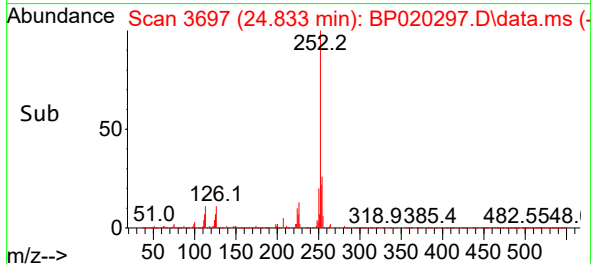
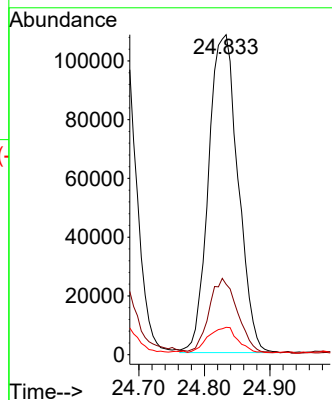
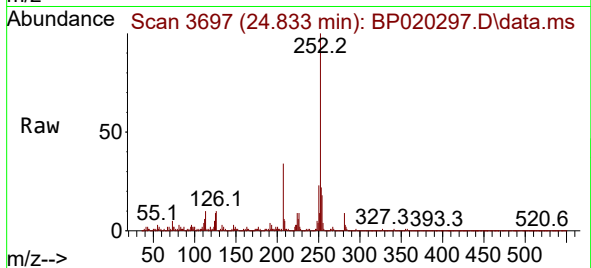
Tgt Ion:252 Resp: 338089

Ion Ratio Lower Upper

252 100

253 22.0 17.4 26.0

125 8.6 6.6 10.0



#94

Indeno(1,2,3-cd)pyrene

Concen: 10.522 ng/ul

RT: 28.815 min Scan# 4374

Delta R.T. -0.018 min

Lab File: BP020297.D

Acq: 10 May 2024 19:21

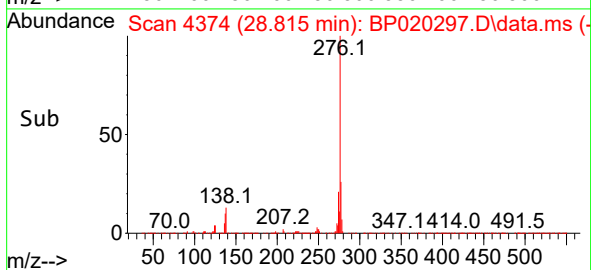
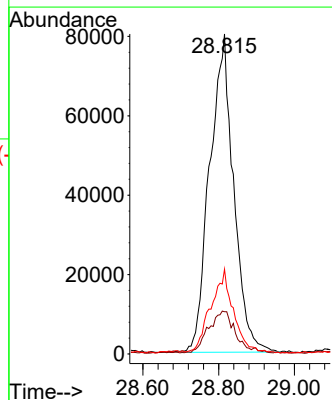
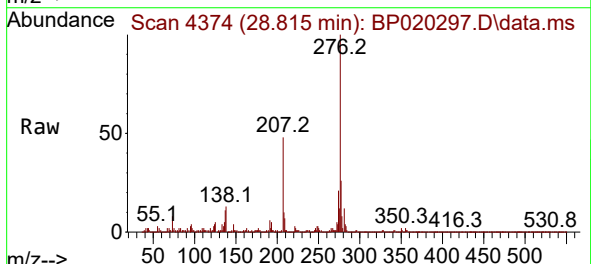
Tgt Ion:276 Resp: 352003

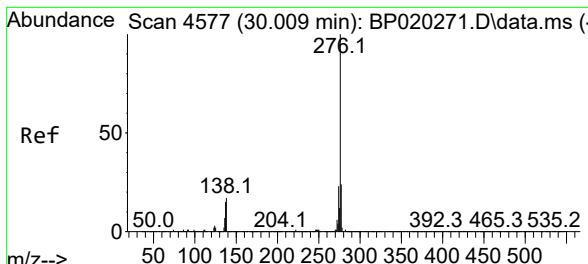
Ion Ratio Lower Upper

276 100

138 13.2 12.3 18.5

277 26.5 19.0 28.4





#96
 Benzo(g,h,i)perylene
 Concen: 15.113 ng/ul
 RT: 29.998 min Scan# 4
 Delta R.T. -0.012 min
 Lab File: BP020297.D
 Acq: 10 May 2024 19:21

Instrument :
 BNA_P
 ClientSampleId :
 A43R3

Tgt Ion:	276	Resp:	407785
Ion	Ratio	Lower	Upper
276	100		
138	14.8	11.6	17.4
277	24.2	19.4	29.0

