

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP120822\
 Data File : BP013000.D
 Acq On : 09 Dec 2022 00:30
 Operator : CG/JU
 Sample : N5832-05DL 10X
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :

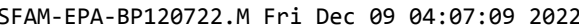
Quant Time: Dec 09 04:06:50 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120722.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Dec 08 00:35:07 2022
 Response via : Initial Calibration

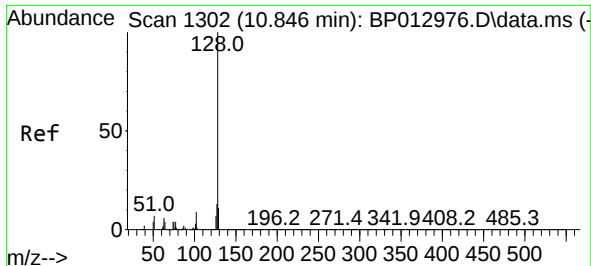
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.975	152	703767	20.000	ng/u1	0.00
20) Naphthalene-d8	10.786	136	3127161	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.616	164	2083148	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.368	188	4687176	20.000	ng/u1	0.00
79) Chrysene-d12	21.456	240	4221237	20.000	ng/u1	0.00
88) Perylene-d12	23.945	264	4324437	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.352	96	5912	0.359	ng/uL	0.00
4) Pyridine-d5	3.781	84	412	0.009	ng/u1	0.00
7) Phenol-d5	7.128	99	104034	1.815	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.298	67	70446	2.037	ng/u1	0.00
11) 2-Chlorophenol-d4	7.504	132	82612	1.831	ng/u1	0.00
15) 4-Methylphenol-d8	8.681	113	86200	1.835	ng/u1	0.00
21) Nitrobenzene-d5	9.139	128	34389	1.497	ng/u1	0.00
24) 2-Nitrophenol-d4	9.869	143	35616	1.377	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.404	165	93997	1.871	ng/u1	0.00
31) 4-Chloroaniline-d4	10.928	131	62092	0.875	ng/u1	0.00
46) Dimethylphthalate-d6	14.016	166	361585	2.259	ng/u1	0.00
49) Acenaphthylene-d8	14.310	160	351075	1.996	ng/u1	0.00
54) 4-Nitrophenol-d4	14.804	143	21803	0.757	ng/u1	0.00
60) Fluorene-d10	15.604	176	345440	2.550	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.721	200	27985	0.928	ng/u1	0.00
73) Anthracene-d10	17.468	188	542653	2.566	ng/u1	0.00
81) Pyrene-d10	19.698	212	661121	2.729	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.780	264	531808	2.467	ng/u1	0.00
Target Compounds						
					Qvalue	
30) Naphthalene	10.839	128	348758	2.132	ng/u1	99
36) 2-Methylnaphthalene	12.445	142	193535	1.725	ng/u1	99
50) Acenaphthylene	14.333	152	241018	1.274	ng/u1	99
52) Acenaphthene	14.680	153	240737	1.837	ng/u1	99
56) Dibenzofuran	15.010	168	702864	3.772	ng/u1	99
61) Fluorene	15.663	166	1072057	7.174	ng/u1	100
72) Phenanthrene	17.410	178	3076946	12.603	ng/u1	100
74) Anthracene	17.410	178	3076946	12.622	ng/u1	99
77) Carbazole	17.774	167	3472961	16.917	ng/u1	99
80) Fluoranthene	19.374	202	5449007	19.814	ng/u1	100
82) Pyrene	19.727	202	9018349	31.791	ng/u1	99
85) Benzo(a)anthracene	21.439	228	3429190	12.237	ng/u1	97
87) Chrysene	21.492	228	6073982	22.920	ng/u1	99
90) Benzo(b)fluoranthene	23.186	252	9004943	32.655	ng/u1	98
91) Benzo(k)fluoranthene	23.186	252	9004943	32.932	ng/u1	98
93) Benzo(a)pyrene	23.833	252	3646905	15.188	ng/u1	97
94) Indeno(1,2,3-cd)pyrene	26.544	276	1686806	5.640	ng/u1	96
95) Dibenzo(a,h)anthracene	26.550	278	418409	1.690	ng/u1#	85
96) Benzo(g,h,i)perylene	27.350	276	1078380	4.491	ng/u1	99

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

Quant Time: Dec 09 04:06:50 2022
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Quant Title : SVOA CALIBRATION
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Response via : Initial Calibration

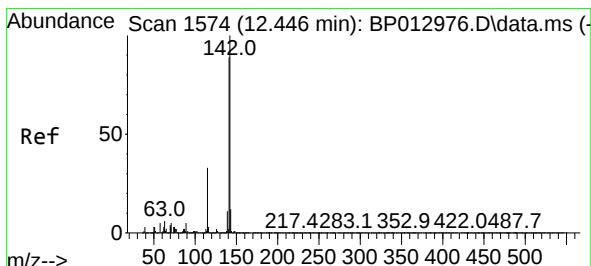
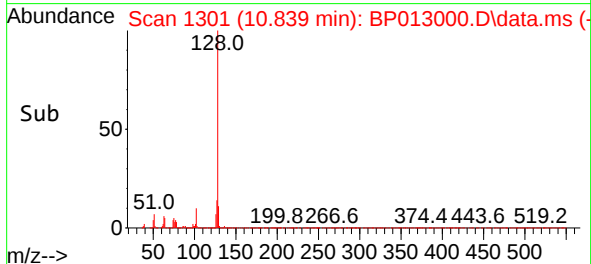
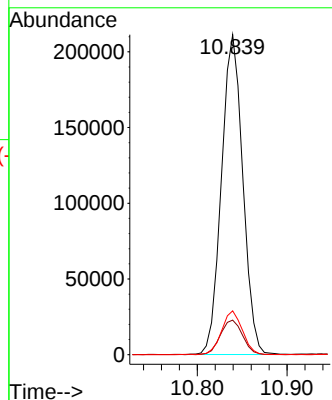
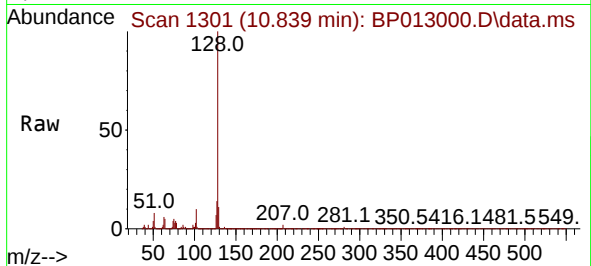




#30
Naphthalene
Concen: 2.132 ng/ul
RT: 10.839 min Scan# 1301
Delta R.T. -0.006 min
Lab File: BP013000.D
Acq: 09 Dec 2022 00:30

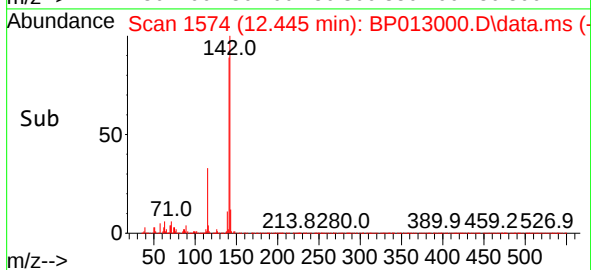
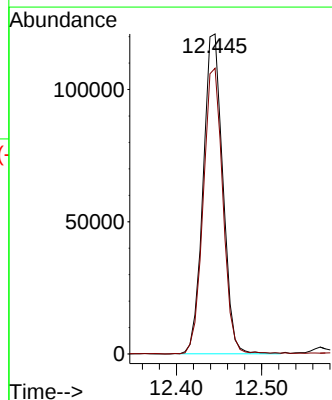
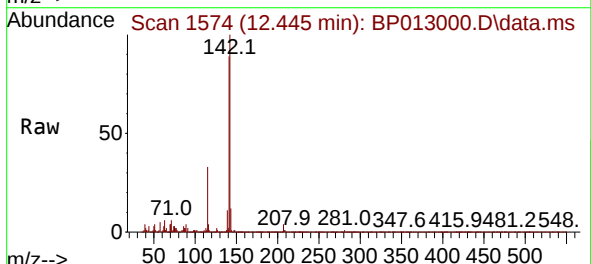
Instrument :
BNA_P
ClientSampleId :

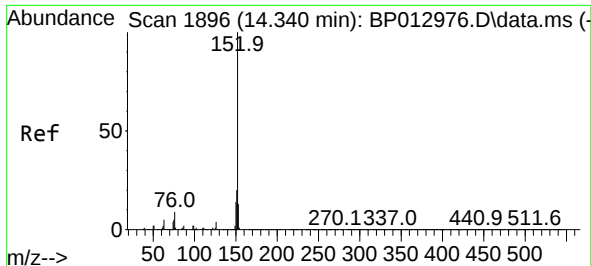
Tgt Ion:128 Resp: 348758
Ion Ratio Lower Upper
128 100
129 10.8 8.7 13.1
127 13.7 10.4 15.6



#36
2-Methylnaphthalene
Concen: 1.725 ng/ul
RT: 12.445 min Scan# 1574
Delta R.T. -0.006 min
Lab File: BP013000.D
Acq: 09 Dec 2022 00:30

Tgt Ion:142 Resp: 193535
Ion Ratio Lower Upper
142 100
141 89.3 70.8 106.2

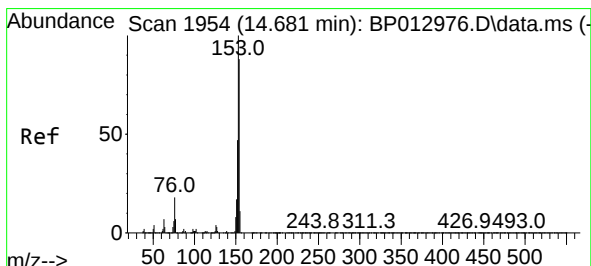
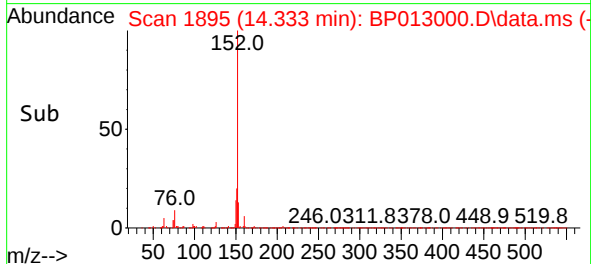
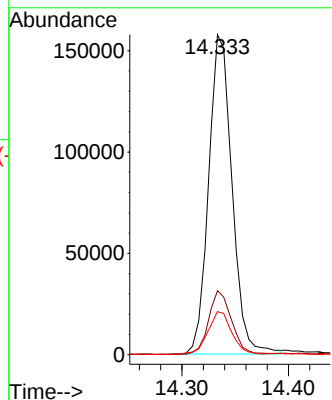
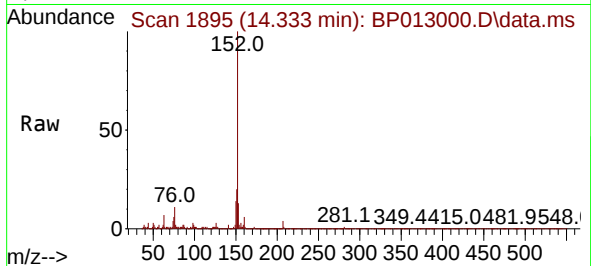




#50
Acenaphthylene
Concen: 1.274 ng/ul
RT: 14.333 min Scan# 1895
Delta R.T. -0.006 min
Lab File: BP013000.D
Acq: 09 Dec 2022 00:30

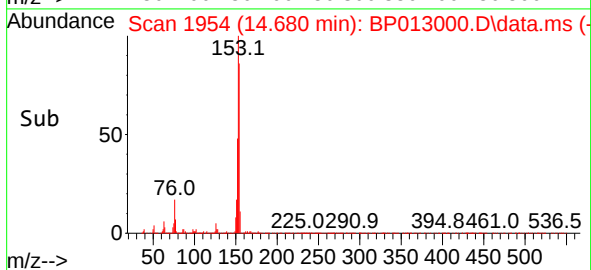
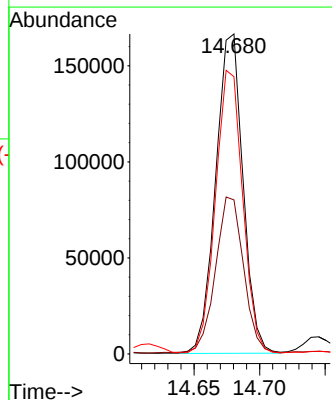
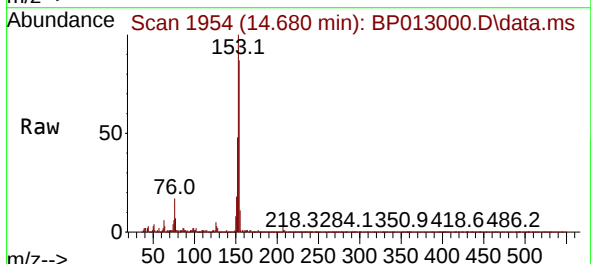
Instrument :
BNA_P
ClientSampleId :

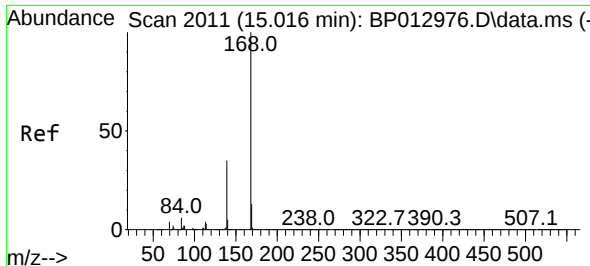
Tgt Ion:152 Resp: 241018
Ion Ratio Lower Upper
152 100
151 20.0 15.8 23.6
153 13.5 10.6 16.0



#52
Acenaphthene
Concen: 1.837 ng/ul
RT: 14.680 min Scan# 1954
Delta R.T. -0.000 min
Lab File: BP013000.D
Acq: 09 Dec 2022 00:30

Tgt Ion:153 Resp: 240737
Ion Ratio Lower Upper
153 100
152 48.2 38.2 57.4
154 86.6 70.8 106.2

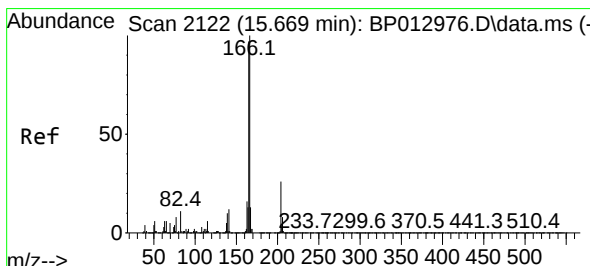
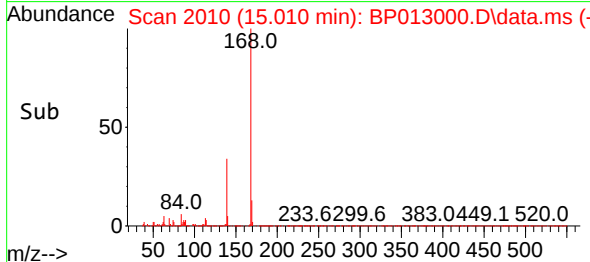
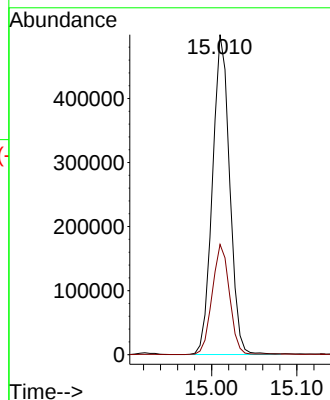
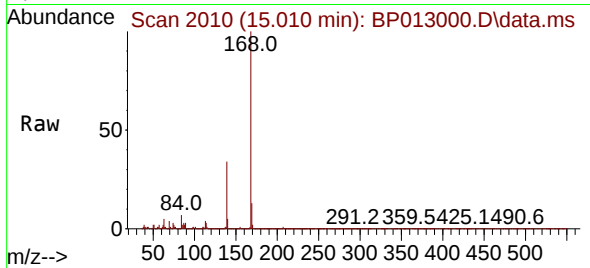




#56
Dibenzofuran
Concen: 3.772 ng/ul
RT: 15.010 min Scan# 2011
Delta R.T. -0.006 min
Lab File: BP013000.D
Acq: 09 Dec 2022 00:30

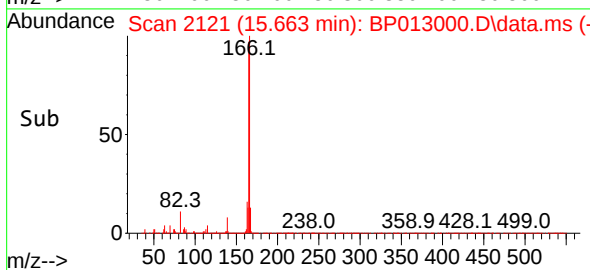
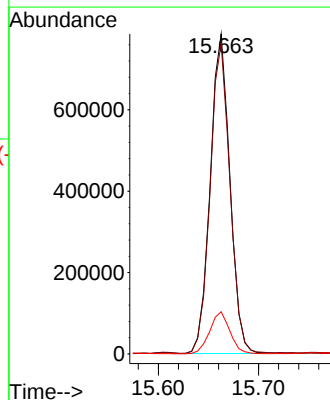
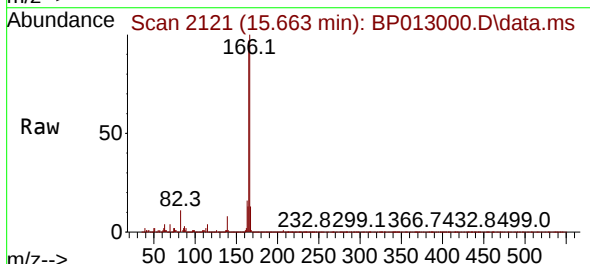
Instrument :
BNA_P
ClientSampleId :

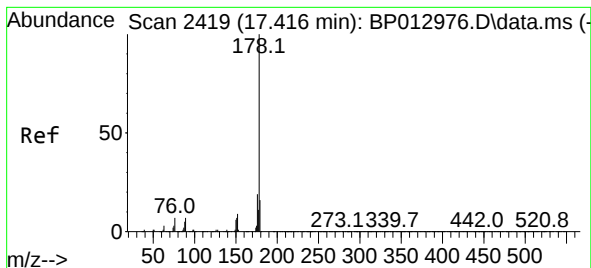
Tgt Ion:168 Resp: 702864
Ion Ratio Lower Upper
168 100
139 34.4 27.9 41.9



#61
Fluorene
Concen: 7.174 ng/ul
RT: 15.663 min Scan# 2121
Delta R.T. -0.006 min
Lab File: BP013000.D
Acq: 09 Dec 2022 00:30

Tgt Ion:166 Resp: 1072057
Ion Ratio Lower Upper
166 100
165 97.0 77.4 116.2
167 13.2 10.6 16.0





#72

Phenanthrene

Concen: 12.603 ng/ul

RT: 17.410 min Scan# 2418

Delta R.T. -0.006 min

Lab File: BP013000.D

Acq: 09 Dec 2022 00:30

Instrument :

BNA_P

ClientSampleId :

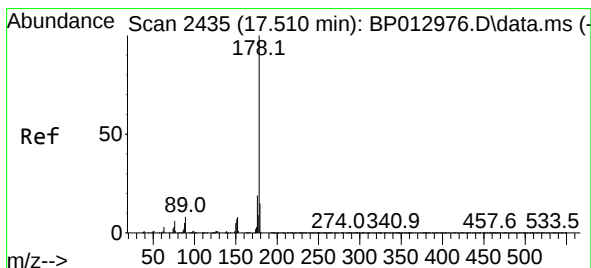
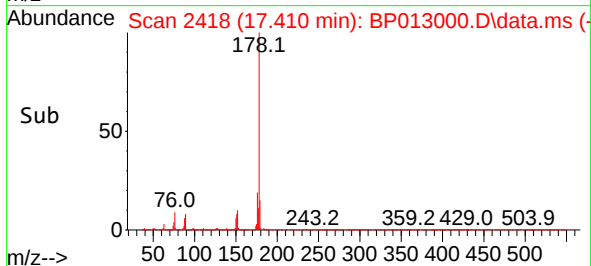
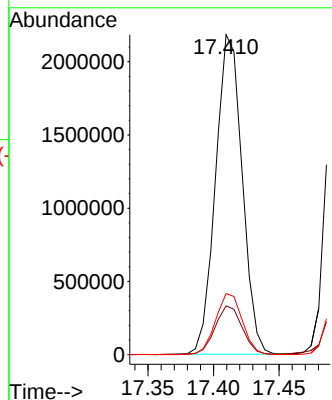
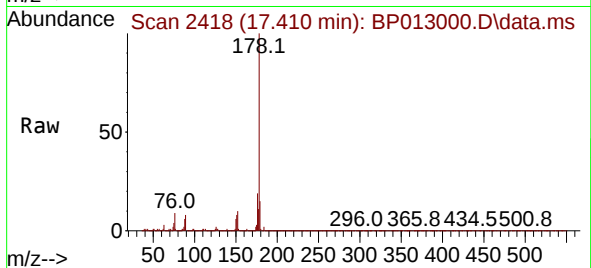
Tgt Ion:178 Resp: 3076946

Ion Ratio Lower Upper

178 100

179 15.2 12.5 18.7

176 19.1 15.4 23.0



#74

Anthracene

Concen: 12.622 ng/ul

RT: 17.410 min Scan# 2418

Delta R.T. -0.100 min

Lab File: BP013000.D

Acq: 09 Dec 2022 00:30

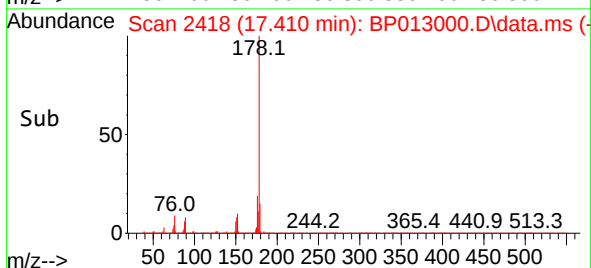
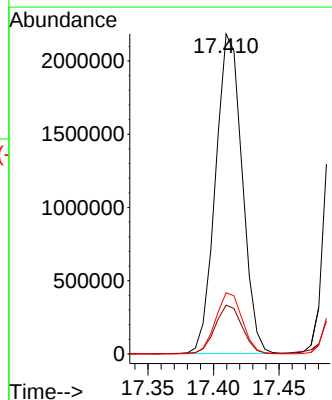
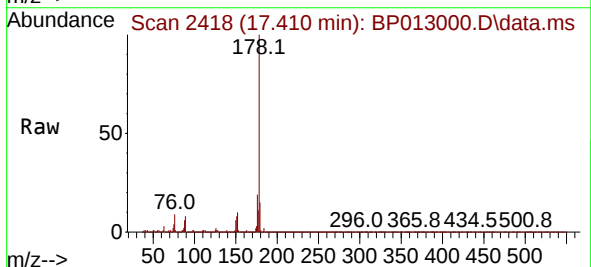
Tgt Ion:178 Resp: 3076946

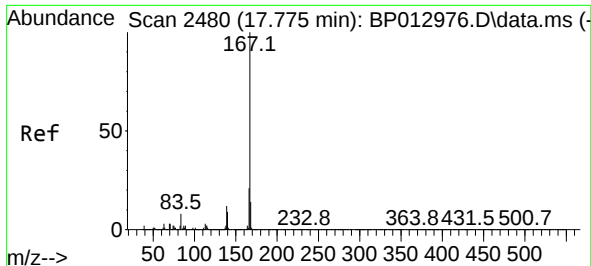
Ion Ratio Lower Upper

178 100

179 15.2 12.5 18.7

176 19.1 14.8 22.2

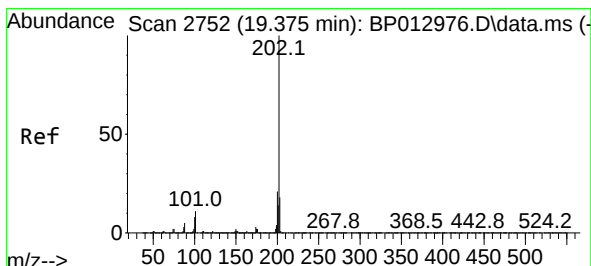
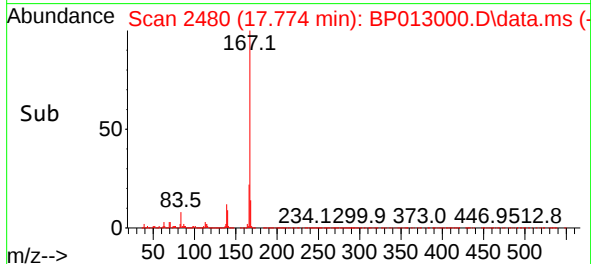
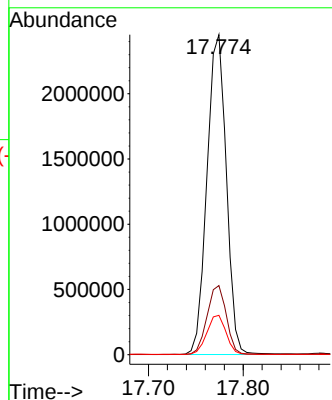
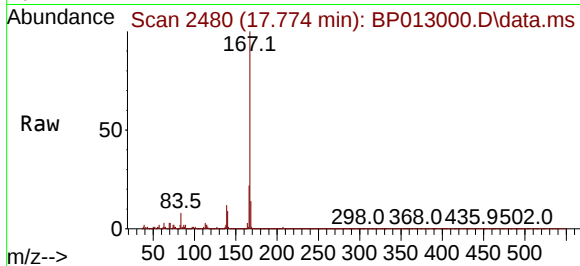




#77
 Carbazole
 Concen: 16.917 ng/ul
 RT: 17.774 min Scan# 2480
 Delta R.T. -0.000 min
 Lab File: BP013000.D
 Acq: 09 Dec 2022 00:30

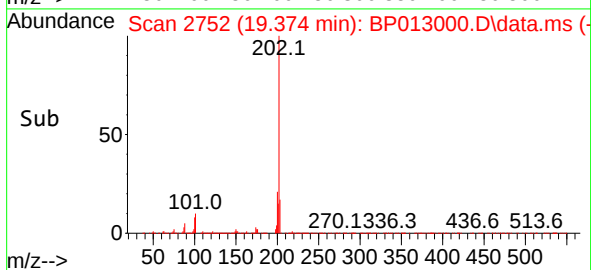
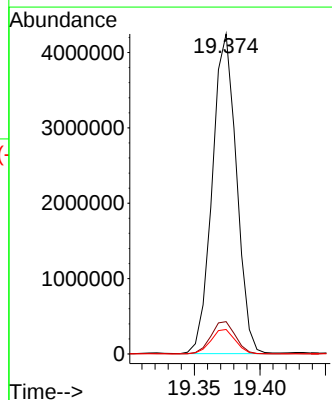
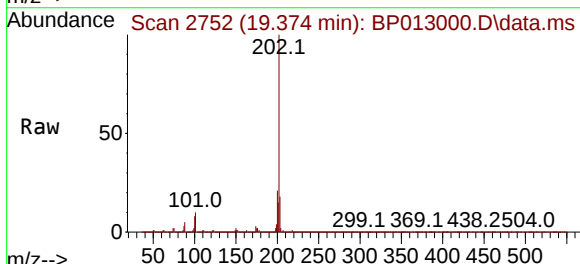
Instrument :
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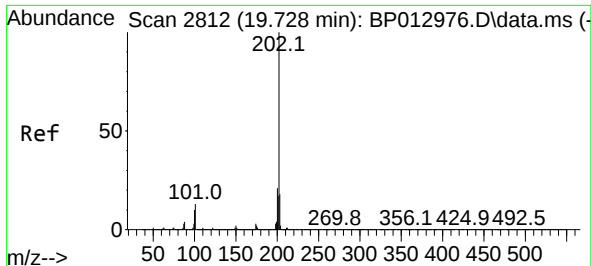
Tgt Ion:167 Resp: 3472961
 Ion Ratio Lower Upper
 167 100
 166 21.6 17.2 25.8
 139 12.3 9.4 14.2



#80
 Fluoranthene
 Concen: 19.814 ng/ul
 RT: 19.374 min Scan# 2752
 Delta R.T. -0.000 min
 Lab File: BP013000.D
 Acq: 09 Dec 2022 00:30

Tgt Ion:202 Resp: 5449007
 Ion Ratio Lower Upper
 202 100
 101 10.1 8.2 12.2
 100 7.7 6.1 9.1

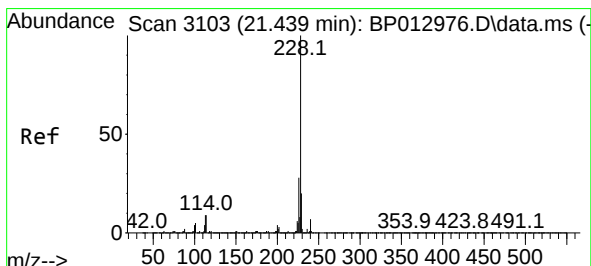
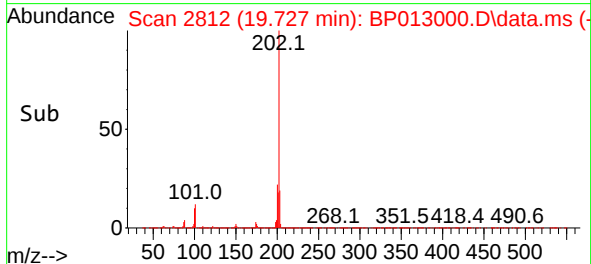
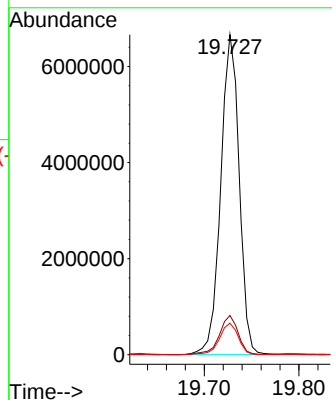
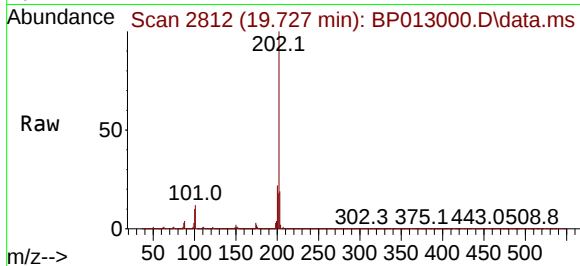




#82
 Pyrene
 Concen: 31.791 ng/ul
 RT: 19.727 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: BP013000.D
 Acq: 09 Dec 2022 00:30

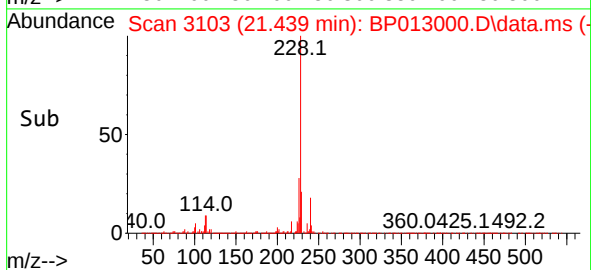
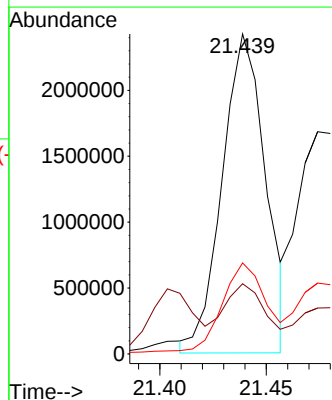
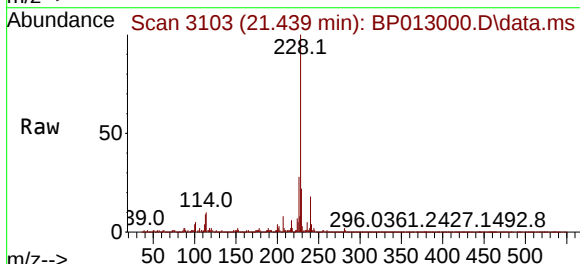
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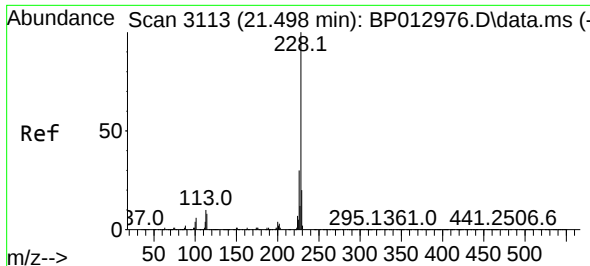
Tgt Ion:202 Resp: 9018349
 Ion Ratio Lower Upper
 202 100
 101 12.2 9.4 14.2
 100 9.9 7.8 11.8



#85
 Benzo(a)anthracene
 Concen: 12.237 ng/ul
 RT: 21.439 min Scan# 3103
 Delta R.T. -0.000 min
 Lab File: BP013000.D
 Acq: 09 Dec 2022 00:30

Tgt Ion:228 Resp: 3429190
 Ion Ratio Lower Upper
 228 100
 229 21.9 16.1 24.1
 226 28.5 22.0 33.0

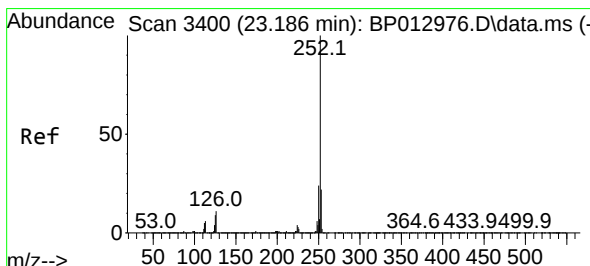
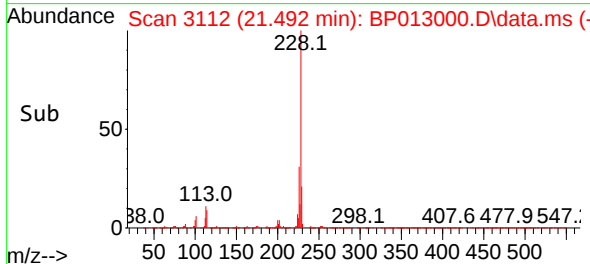
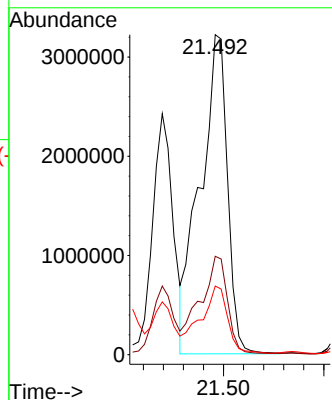
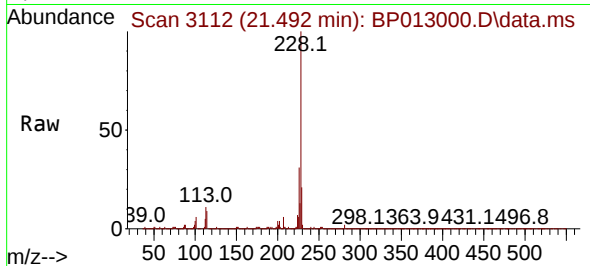




#87
Chrysene
Concen: 22.920 ng/ul
RT: 21.492 min Scan# 3113
Delta R.T. -0.006 min
Lab File: BP013000.D
Acq: 09 Dec 2022 00:30

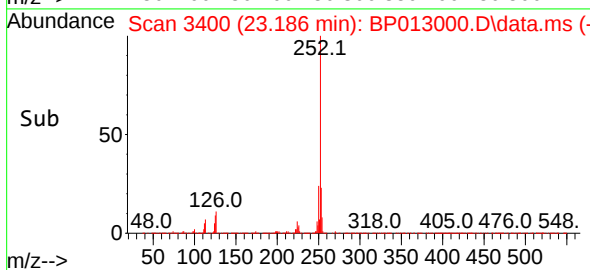
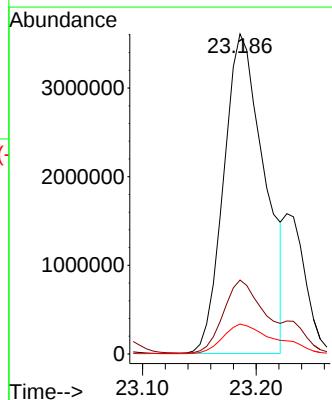
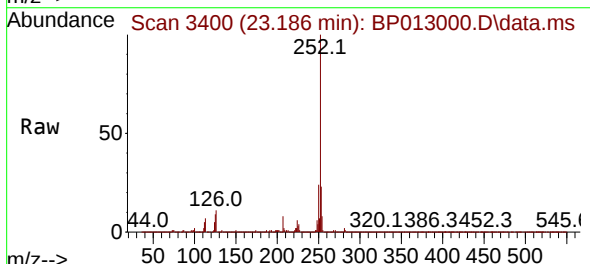
Instrument :
BNA_P
ClientSampleId :

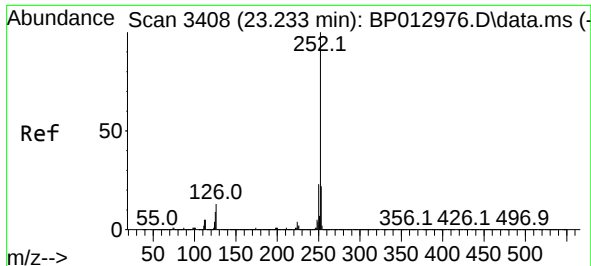
Tgt Ion:228 Resp: 6073982
Ion Ratio Lower Upper
228 100
226 30.8 24.5 36.7
229 21.5 16.0 24.0



#90
Benzo(b)fluoranthene
Concen: 32.655 ng/ul
RT: 23.186 min Scan# 3400
Delta R.T. -0.000 min
Lab File: BP013000.D
Acq: 09 Dec 2022 00:30

Tgt Ion:252 Resp: 9004943
Ion Ratio Lower Upper
252 100
253 23.1 17.7 26.5
125 9.4 6.8 10.2

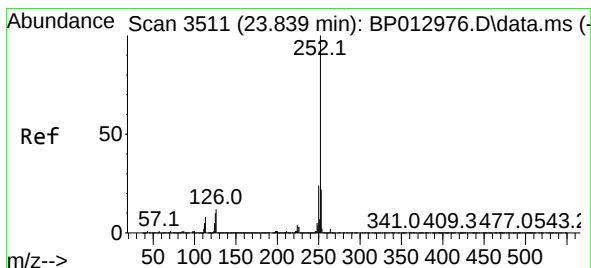
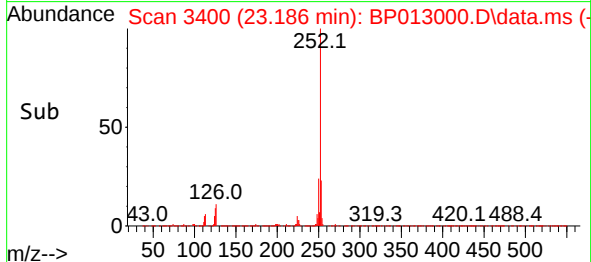
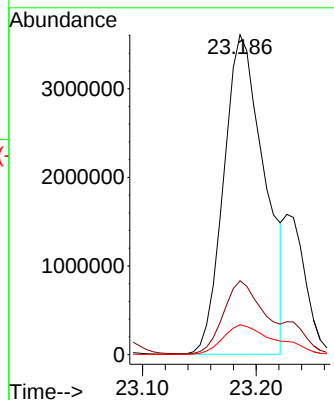
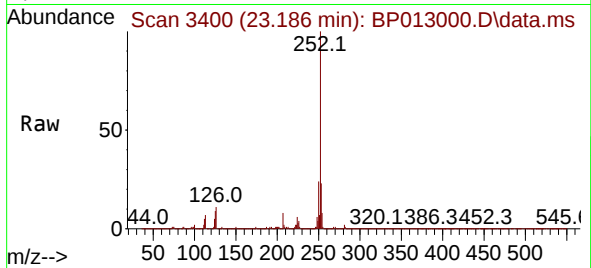




#91
Benzo(k)fluoranthene
Concen: 32.932 ng/u1
RT: 23.186 min Scan# 3408
Delta R.T. -0.047 min
Lab File: BP013000.D
Acq: 09 Dec 2022 00:30

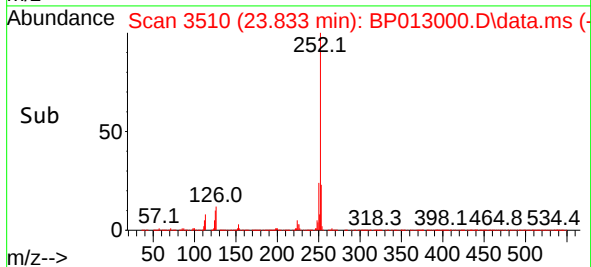
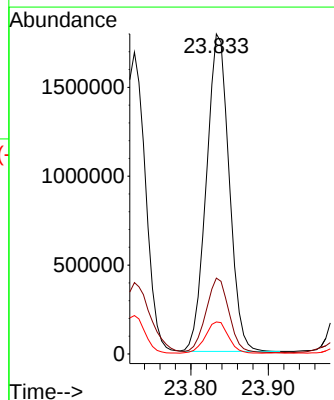
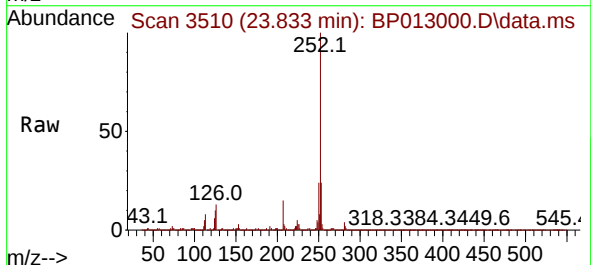
Instrument :
BNA_P
ClientSampleId :

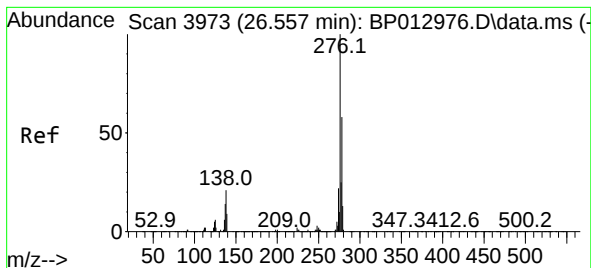
Tgt Ion:252 Resp: 9004943
Ion Ratio Lower Upper
252 100
253 23.1 17.7 26.5
125 9.4 6.8 10.2



#93
Benzo(a)pyrene
Concen: 15.188 ng/u1
RT: 23.833 min Scan# 3510
Delta R.T. -0.006 min
Lab File: BP013000.D
Acq: 09 Dec 2022 00:30

Tgt Ion:252 Resp: 3646905
Ion Ratio Lower Upper
252 100
253 23.7 17.5 26.3
125 10.0 7.5 11.3





#94

Indeno(1,2,3-cd)pyrene

Concen: 5.640 ng/ul

RT: 26.544 min Scan# 3971

Delta R.T. -0.012 min

Lab File: BP013000.D

Acq: 09 Dec 2022 00:30

Instrument :

BNA_P

ClientSampleId :

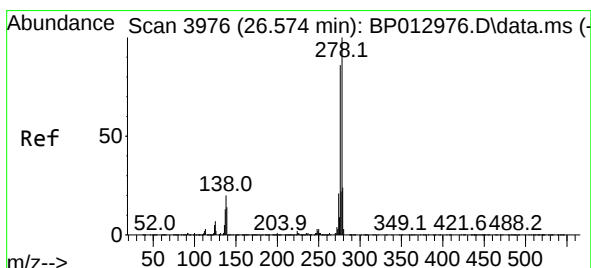
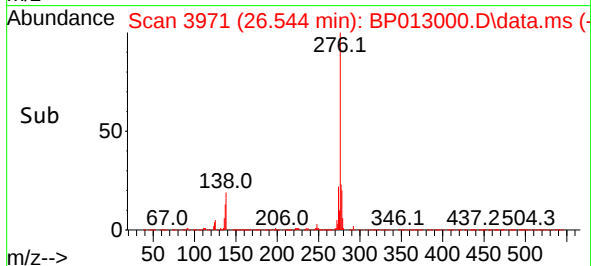
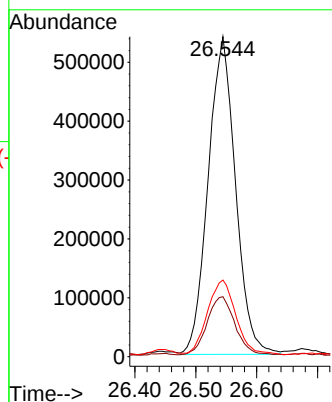
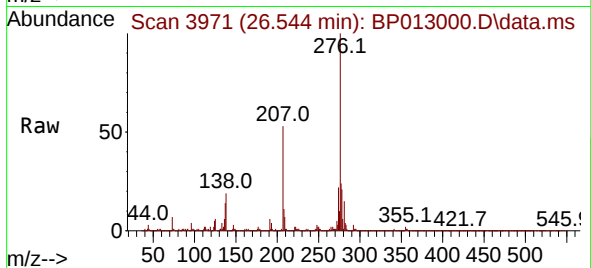
Tgt Ion:276 Resp: 1686806

Ion Ratio Lower Upper

276 100

138 18.8 17.1 25.7

277 24.0 20.0 30.0



#95

Dibenzo(a,h)anthracene

Concen: 1.690 ng/ul

RT: 26.550 min Scan# 3972

Delta R.T. -0.018 min

Lab File: BP013000.D

Acq: 09 Dec 2022 00:30

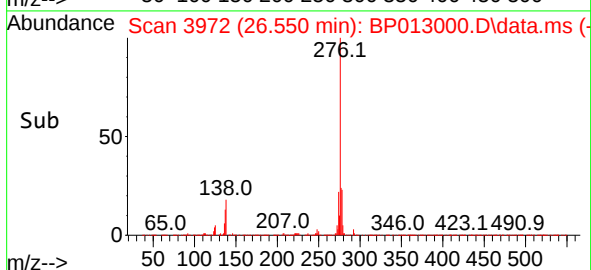
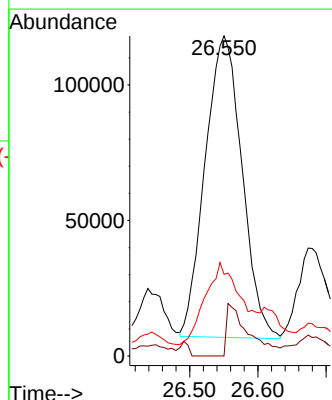
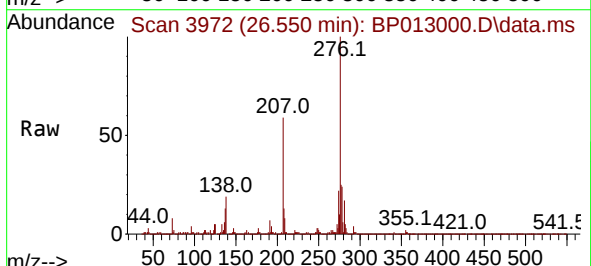
Tgt Ion:278 Resp: 418409

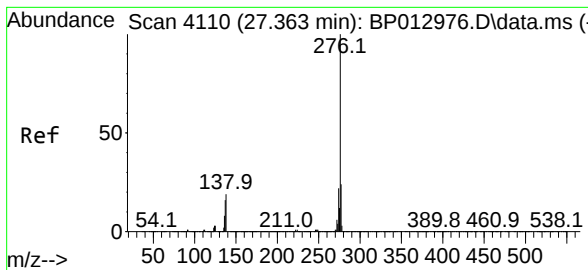
Ion Ratio Lower Upper

278 100

139 0.0 11.1 16.7#

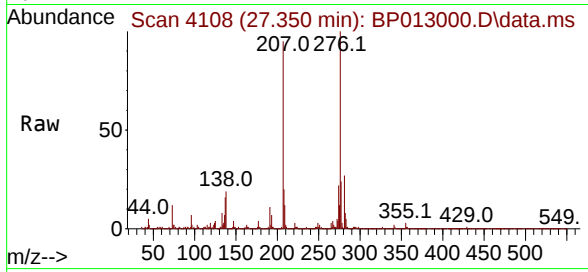
279 25.5 19.0 28.6





#96
 Benzo(g,h,i)perylene
 Concen: 4.491 ng/ul
 RT: 27.350 min Scan# 4110
 Delta R.T. -0.000 min
 Lab File: BP013000.D
 Acq: 09 Dec 2022 00:30

Instrument :
 BNA_P
 ClientSampleId :



Tgt Ion:276 Resp: 1078380

Ion	Ratio	Lower	Upper
276	100		
138	18.8	15.4	23.2
277	23.9	19.1	28.7

