

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092823\
 Data File : BP017428.D
 Acq On : 28 Sep 2023 23:44
 Operator : MA/JU
 Sample : 04417-34
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 EZYN3

Quant Time: Sep 29 00:22:24 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP092023.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Sep 28 23:22:11 2023
 Response via : Initial Calibration

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

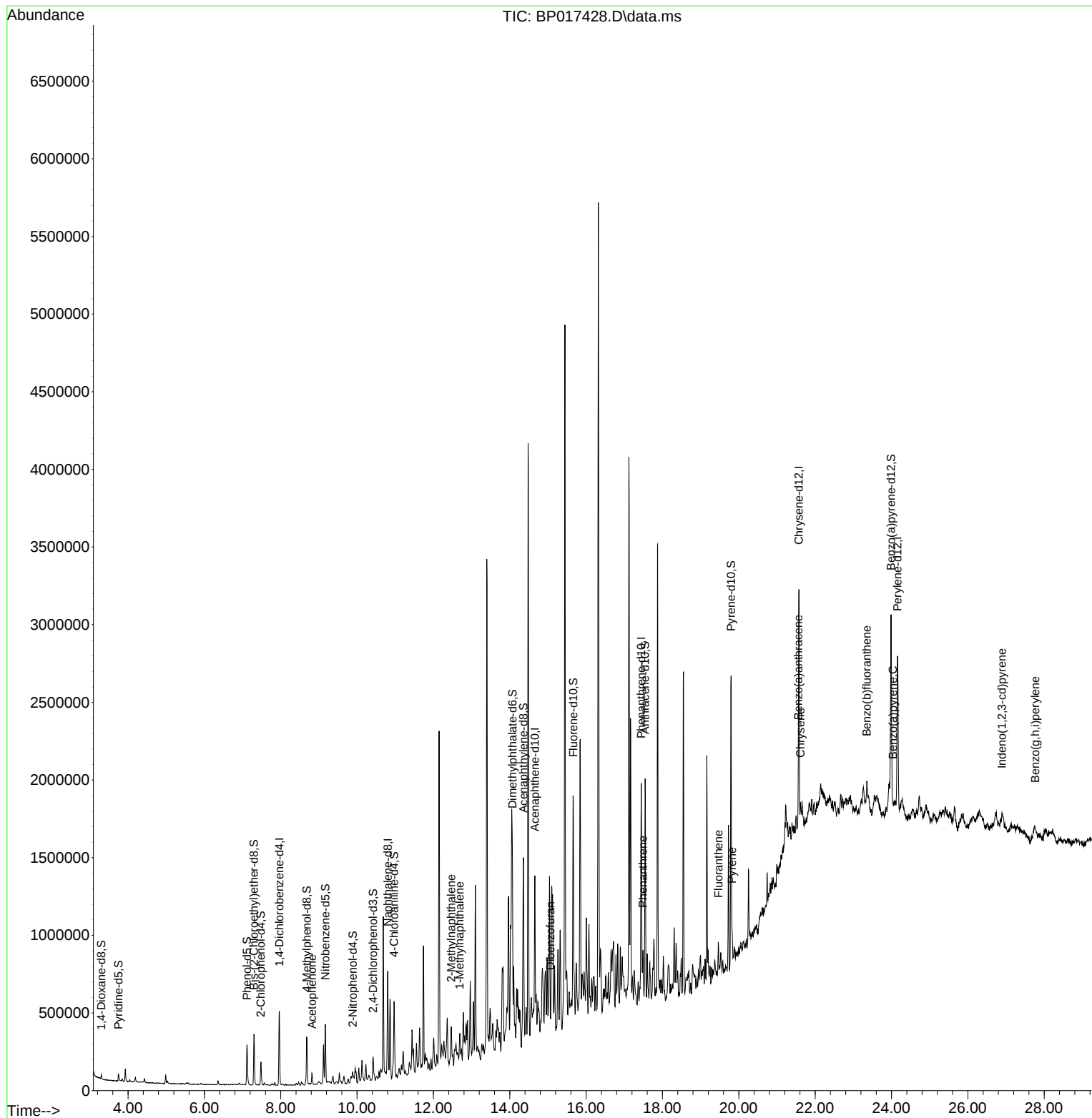
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.963	152	130220	20.000	ng/u1	0.00
20) Naphthalene-d8	10.804	136	512254	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.657	164	322052	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.445	188	720072	20.000	ng/u1	0.00
79) Chrysene-d12	21.574	240	660966	20.000	ng/u1	0.00
88) Perylene-d12	24.157	264	795139	20.000	ng/u1	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.299	96	12833	4.048	ng/uL	0.00
4) Pyridine-d5	3.752	84	28237	3.186	ng/u1	0.01
7) Phenol-d5	7.116	99	148044	13.842	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.299	67	138788	21.503	ng/u1	0.00
11) 2-Chlorophenol-d4	7.481	132	65387	7.708	ng/u1	0.00
15) 4-Methylphenol-d8	8.681	113	116256	13.982	ng/u1	0.00
21) Nitrobenzene-d5	9.169	128	92755	25.047	ng/u1	0.00
24) 2-Nitrophenol-d4	9.887	143	20588	5.120	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.416	165	45227	5.953	ng/u1	0.00
31) 4-Chloroaniline-d4	10.969	131	226540	20.585	ng/u1	0.00
46) Dimethylphthalate-d6	14.069	166	564959	24.488	ng/u1	0.00
49) Acenaphthylene-d8	14.357	160	670279	25.261	ng/u1	0.00
54) 4-Nitrophenol-d4	14.916	143	2225	0.554	ng/u1	0.02
60) Fluorene-d10	15.663	176	508574	25.606	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.834	200	490	0.121	ng/u1	0.02
73) Anthracene-d10	17.545	188	754172	23.615	ng/u1	0.00
81) Pyrene-d10	19.798	212	945067	26.440	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.986	264	923372	24.119	ng/u1	-0.02
Target Compounds						
					Qvalue	
16) Acetophenone	8.816	105	39206	3.051	ng/u1	97
36) 2-Methylnaphthalene	12.469	142	104705	6.015	ng/u1	96
37) 1-Methylnaphthalene	12.687	142	64925	3.648	ng/u1#	96
56) Dibenzofuran	15.063	168	35850	1.278	ng/u1	90
72) Phenanthrene	17.486	178	175725	4.659	ng/u1	97
80) Fluoranthene	19.463	202	100434	2.409	ng/u1#	96
82) Pyrene	19.822	202	102945	2.323	ng/u1	97
85) Benzo(a)anthracene	21.557	228	60241	1.350	ng/u1#	90
87) Chrysene	21.616	228	59900	1.427	ng/u1#	90
90) Benzo(b)fluoranthene	23.351	252	99130	2.115	ng/u1#	68
93) Benzo(a)pyrene	24.039	252	55429	1.236	ng/u1#	56
94) Indeno(1,2,3-cd)pyrene	26.892	276	69265	1.232	ng/u1#	87
96) Benzo(g,h,i)perylene	27.762	276	63292	1.396	ng/u1#	87

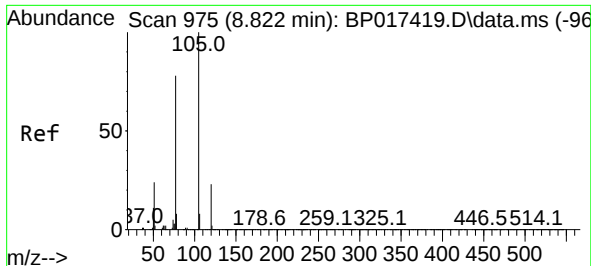
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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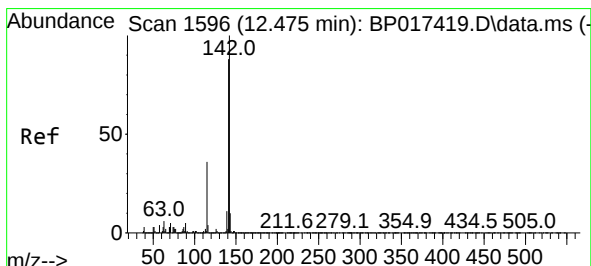
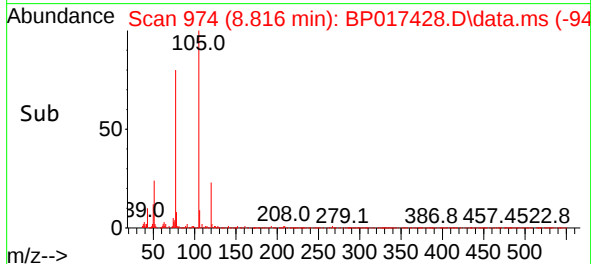
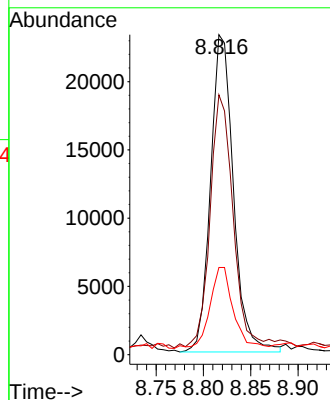
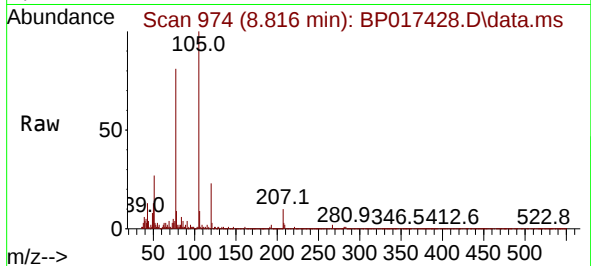




#16
Acetophenone
Concen: 3.051 ng/ul
RT: 8.816 min Scan# 91
Delta R.T. -0.006 min
Lab File: BP017428.D
Acq: 28 Sep 2023 23:44

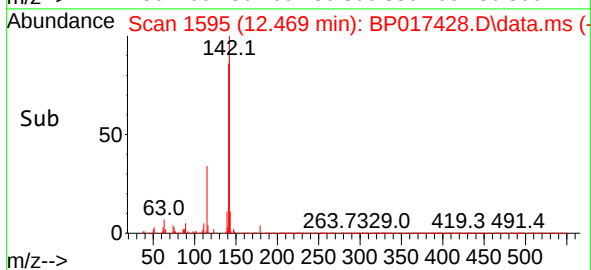
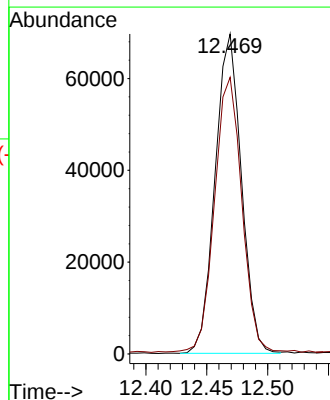
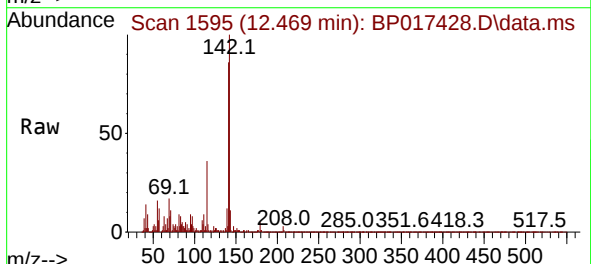
Instrument :
BNA_P
ClientSampleId :
EZYN3

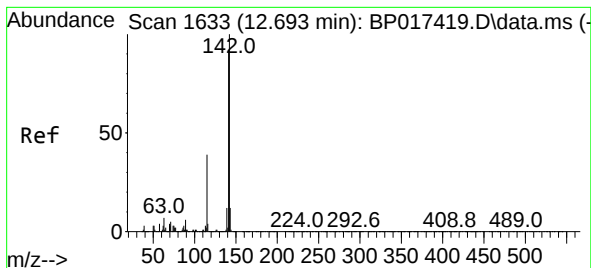
Tgt Ion:105 Resp: 39206
Ion Ratio Lower Upper
105 100
77 81.2 63.6 95.4
51 27.3 19.2 28.8



#36
2-Methylnaphthalene
Concen: 6.015 ng/ul
RT: 12.469 min Scan# 1595
Delta R.T. -0.006 min
Lab File: BP017428.D
Acq: 28 Sep 2023 23:44

Tgt Ion:142 Resp: 104705
Ion Ratio Lower Upper
142 100
141 86.4 71.9 107.9





#37

1-Methylnaphthalene

Concen: 3.648 ng/ul

RT: 12.687 min Scan# 1

Delta R.T. -0.006 min

Lab File: BP017428.D

Acq: 28 Sep 2023 23:44

Instrument :

BNA_P

ClientSampleId :

EZYN3

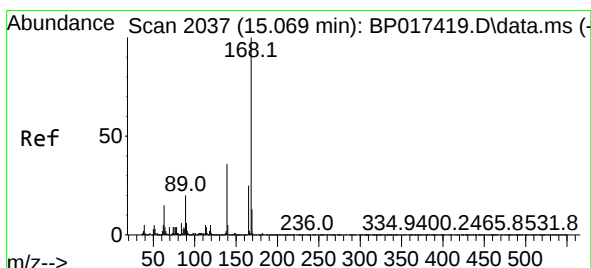
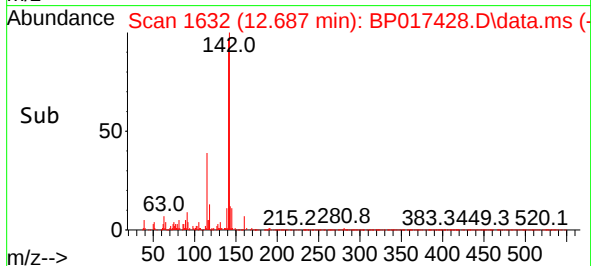
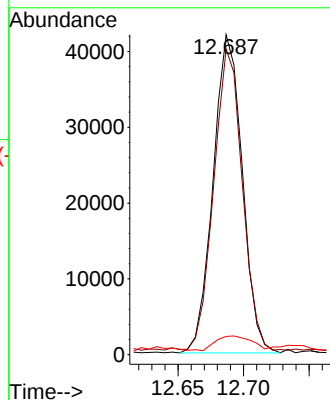
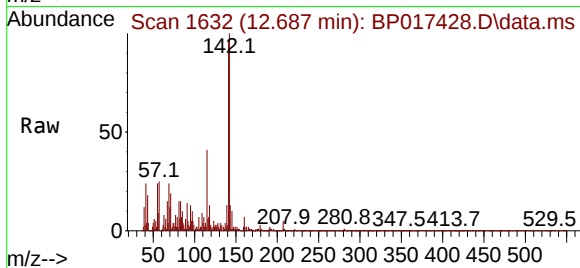
Tgt Ion:142 Resp: 64925

Ion Ratio Lower Upper

142 100

141 95.5 73.4 110.2

116 5.7 3.1 4.7#



#56

Dibenzofuran

Concen: 1.278 ng/ul

RT: 15.063 min Scan# 2036

Delta R.T. -0.006 min

Lab File: BP017428.D

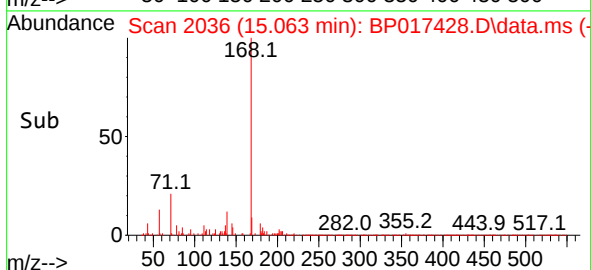
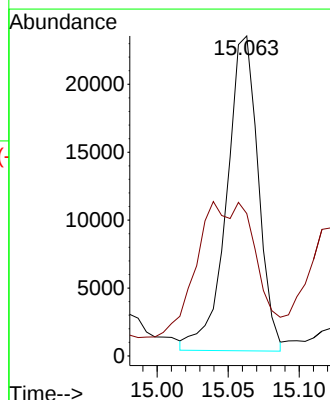
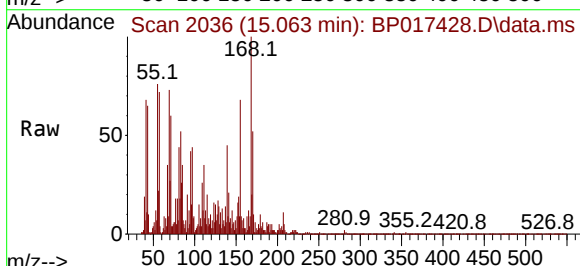
Acq: 28 Sep 2023 23:44

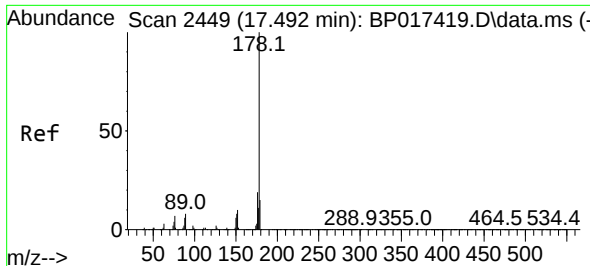
Tgt Ion:168 Resp: 35850

Ion Ratio Lower Upper

168 100

139 44.5 30.6 45.8

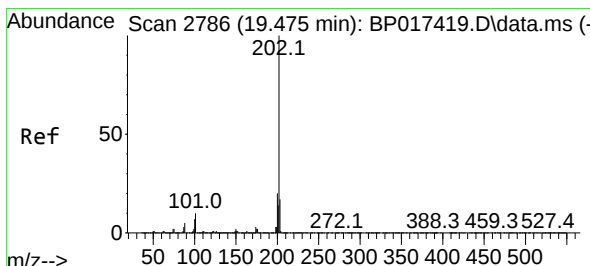
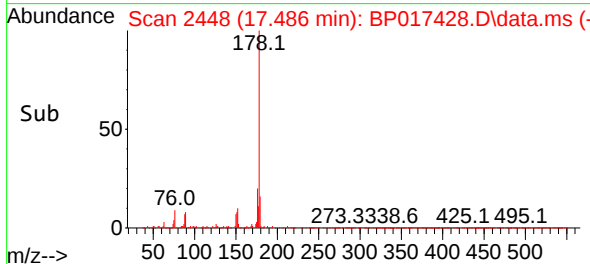
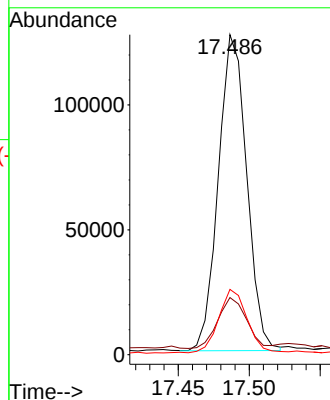
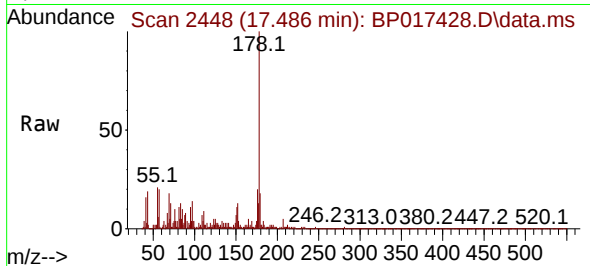




#72
Phenanthrene
Concen: 4.659 ng/ul
RT: 17.486 min Scan# 2449
Delta R.T. -0.006 min
Lab File: BP017428.D
Acq: 28 Sep 2023 23:44

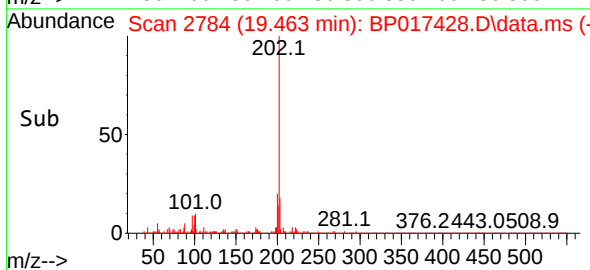
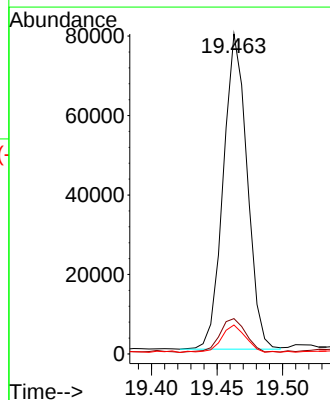
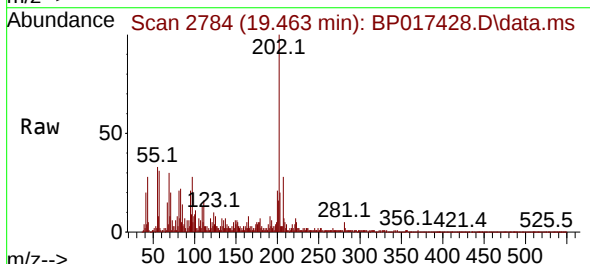
Instrument :
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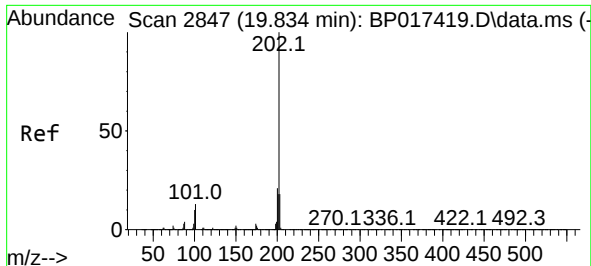
Tgt Ion:178 Resp: 175725
Ion Ratio Lower Upper
178 100
179 17.9 12.7 19.1
176 20.4 15.8 23.6



#80
Fluoranthene
Concen: 2.409 ng/ul
RT: 19.463 min Scan# 2784
Delta R.T. -0.012 min
Lab File: BP017428.D
Acq: 28 Sep 2023 23:44

Tgt Ion:202 Resp: 100434
Ion Ratio Lower Upper
202 100
101 12.9 8.4 12.6#
100 9.1 6.6 10.0

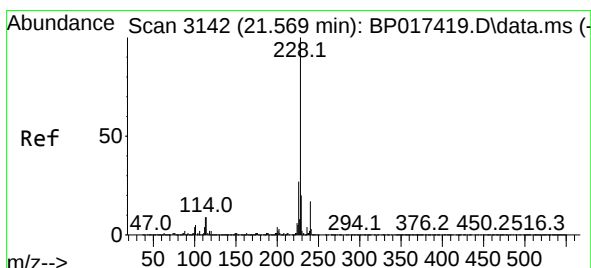
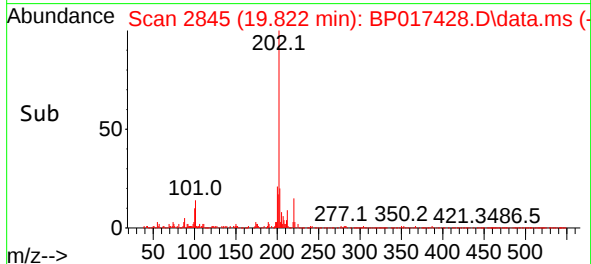
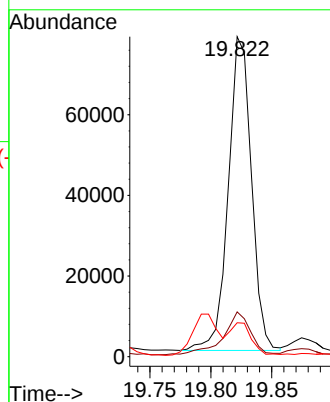
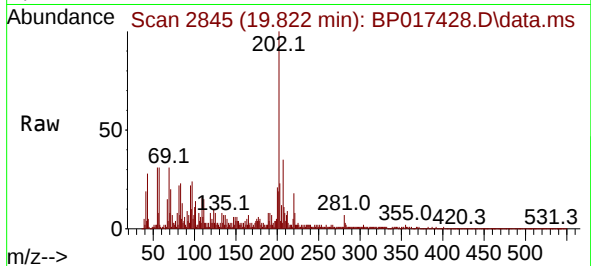




#82
 Pyrene
 Concen: 2.323 ng/ul
 RT: 19.822 min Scan# 21
 Delta R.T. -0.012 min
 Lab File: BP017428.D
 Acq: 28 Sep 2023 23:44

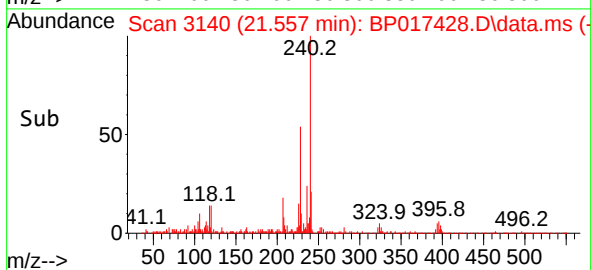
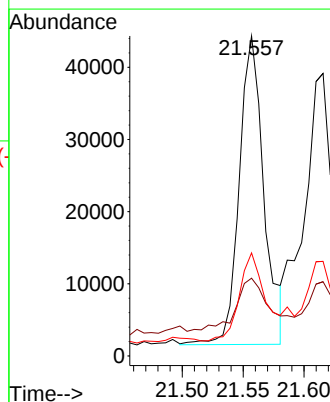
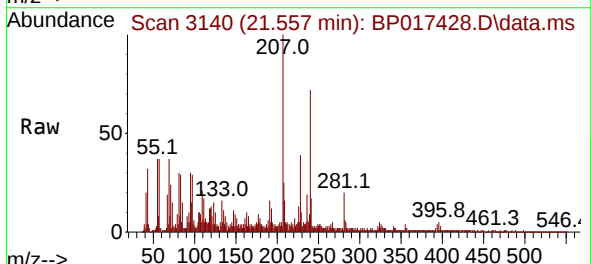
Instrument :
 BNA_P
 ClientSampleId :
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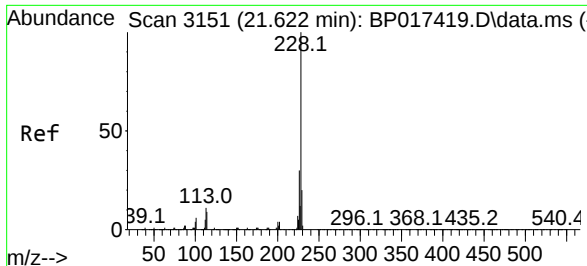
Tgt Ion:202 Resp: 102945
 Ion Ratio Lower Upper
 202 100
 101 14.0 9.8 14.8
 100 10.6 8.1 12.1



#85
 Benzo(a)anthracene
 Concen: 1.350 ng/ul
 RT: 21.557 min Scan# 3140
 Delta R.T. -0.012 min
 Lab File: BP017428.D
 Acq: 28 Sep 2023 23:44

Tgt Ion:228 Resp: 60241
 Ion Ratio Lower Upper
 228 100
 229 24.3 15.8 23.6#
 226 32.2 21.8 32.8





#87

Chrysene

Concen: 1.427 ng/ul

RT: 21.616 min Scan# 3151

Delta R.T. -0.006 min

Lab File: BP017428.D

Acq: 28 Sep 2023 23:44

Instrument :

BNA_P

ClientSampleId :

EZYN3

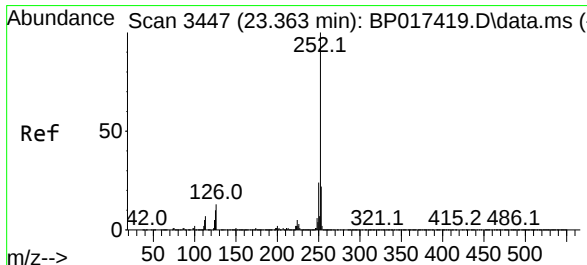
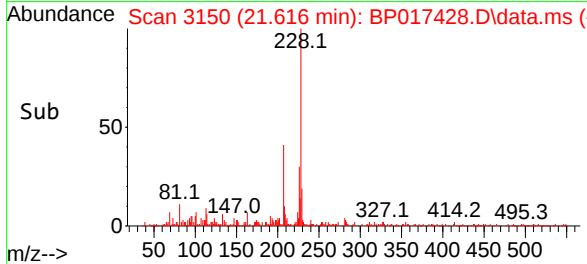
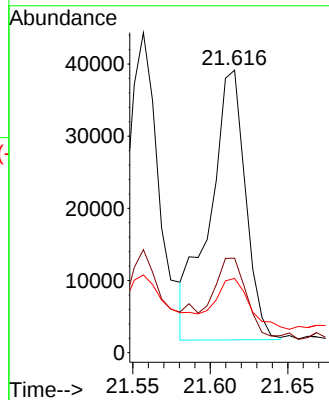
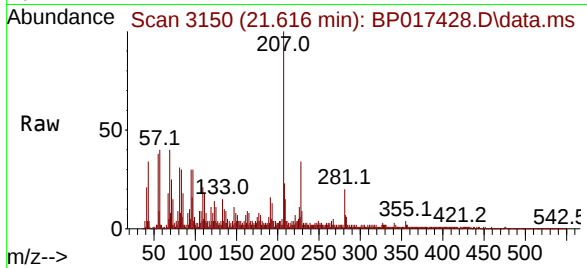
Tgt Ion:228 Resp: 59900

Ion Ratio Lower Upper

228 100

226 33.5 24.1 36.1

229 26.3 15.0 22.6#



#90

Benzo(b)fluoranthene

Concen: 2.115 ng/ul

RT: 23.351 min Scan# 3445

Delta R.T. -0.012 min

Lab File: BP017428.D

Acq: 28 Sep 2023 23:44

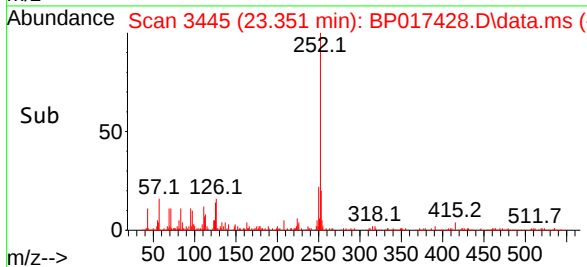
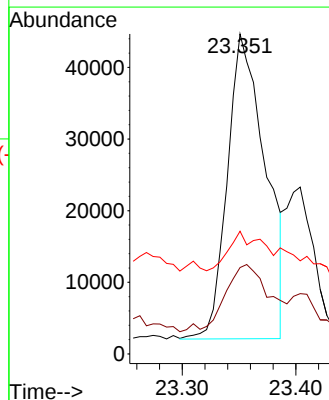
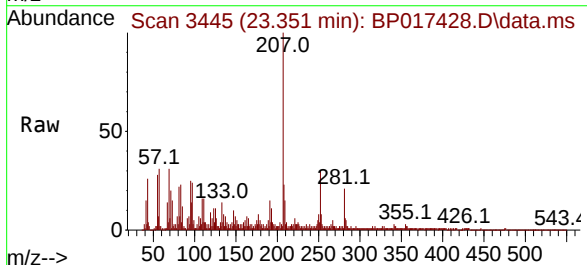
Tgt Ion:252 Resp: 99130

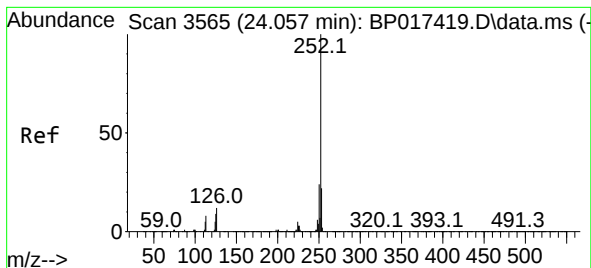
Ion Ratio Lower Upper

252 100

253 27.0 17.4 26.0#

125 38.3 7.8 11.8#





#93

Benzo(a)pyrene

Concen: 1.236 ng/ul

RT: 24.039 min Scan# 3

Delta R.T. -0.018 min

Lab File: BP017428.D

Acq: 28 Sep 2023 23:44

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ClientSampleId :

EZYN3

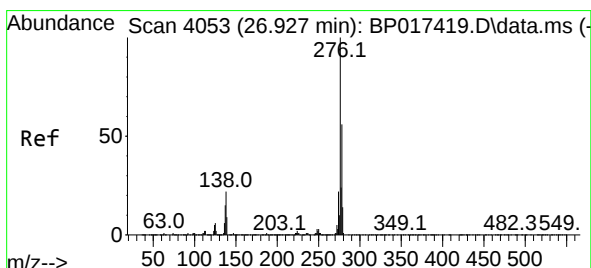
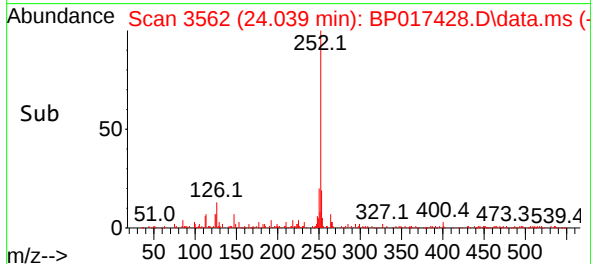
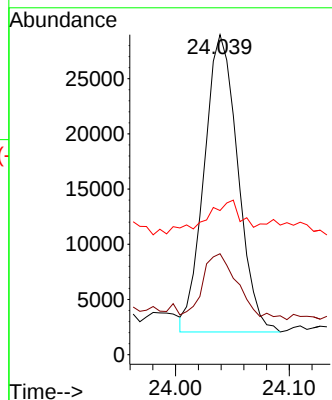
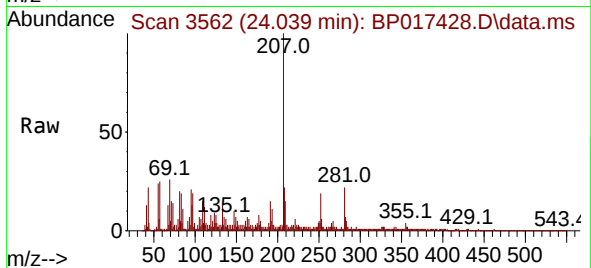
Tgt Ion:252 Resp: 55429

Ion Ratio Lower Upper

252 100

253 31.6 17.4 26.0#

125 45.1 8.9 13.3#



#94

Indeno(1,2,3-cd)pyrene

Concen: 1.232 ng/ul

RT: 26.892 min Scan# 4047

Delta R.T. -0.035 min

Lab File: BP017428.D

Acq: 28 Sep 2023 23:44

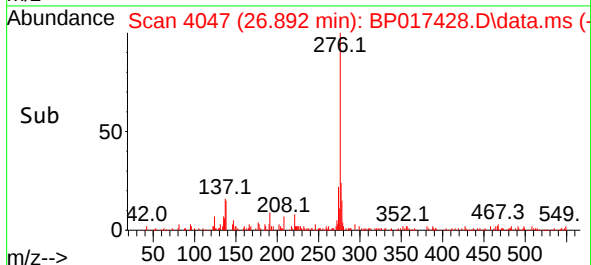
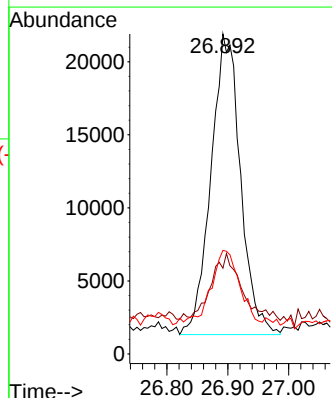
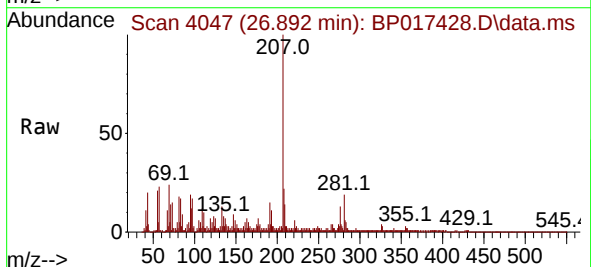
Tgt Ion:276 Resp: 69265

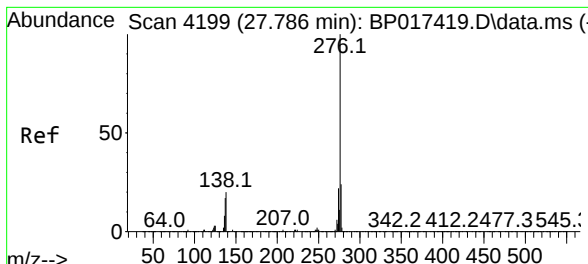
Ion Ratio Lower Upper

276 100

138 26.8 17.9 26.9

277 32.3 19.5 29.3#





#96
 Benzo(g,h,i)perylene
 Concen: 1.396 ng/ul
 RT: 27.762 min Scan# 4195
 Delta R.T. -0.024 min
 Lab File: BP017428.D
 Acq: 28 Sep 2023 23:44

Instrument :
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 EZYN3

Tgt Ion:	276	Resp:	63292
Ion Ratio	Lower	Upper	
276	100		
138	28.6	17.3	25.9#
277	29.1	18.8	28.2#

