

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP012324\
 Data File : BP019432.D
 Acq On : 23 Jan 2024 22:23
 Operator : MA/JU
 Sample : P1158-01
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :

Quant Time: Jan 24 00:08:25 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP010824.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Jan 22 11:49:04 2024
 Response via : Initial Calibration

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

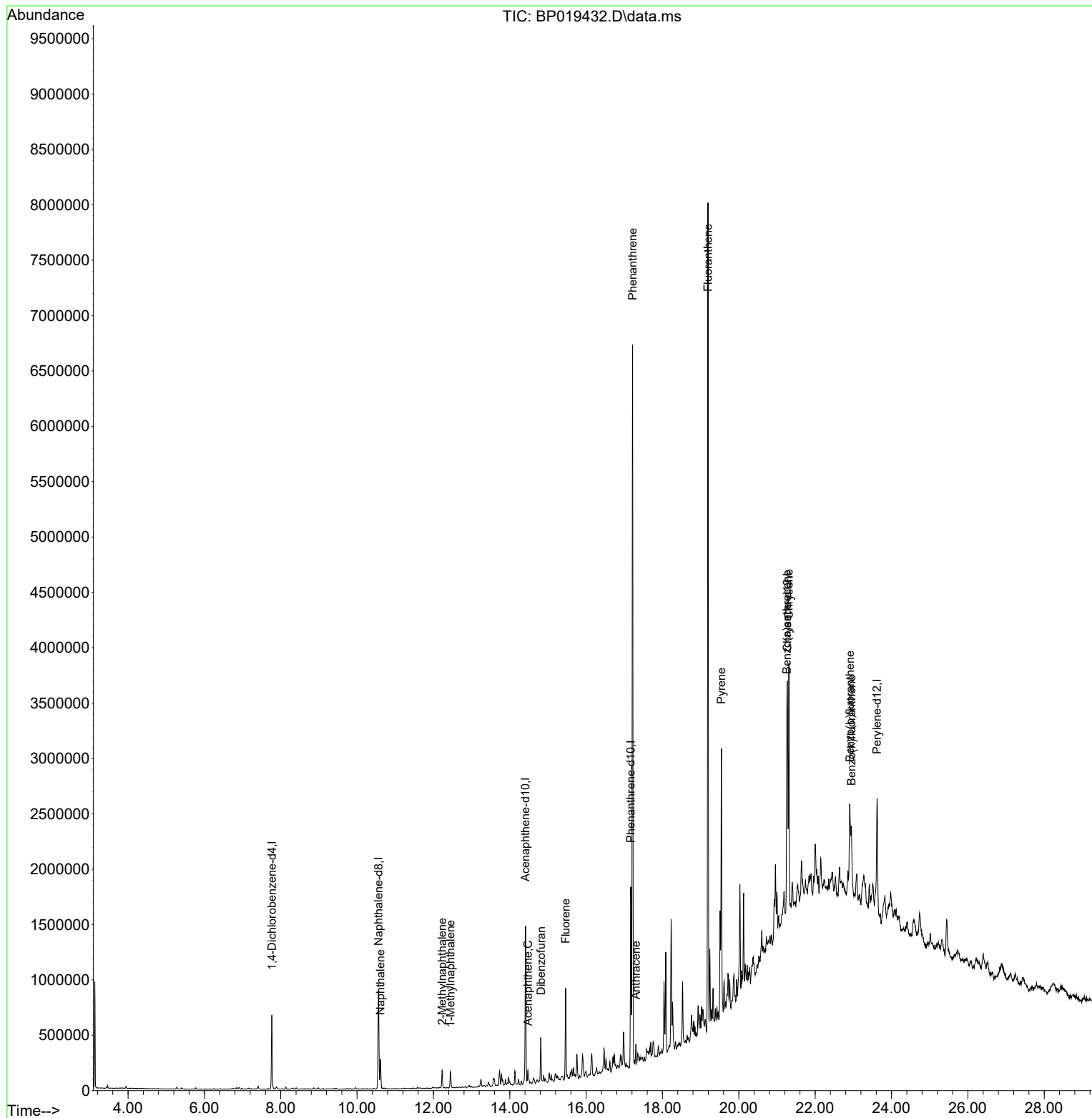
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.769	152	176160	20.000	ng/ul	0.00
20) Naphthalene-d8	10.563	136	695175	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.410	164	463540	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.169	188	980469	20.000	ng/ul	0.00
79) Chrysene-d12	21.275	240	731396	20.000	ng/ul	0.00
88) Perylene-d12	23.621	264	808276	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.211	96	143	0.031	ng/uL	0.00
4) Pyridine-d5	3.640	84	97	0.007	ng/ul	0.00
7) Phenol-d5	6.952	99	27	0.002	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.122	67	108	0.011	ng/ul	0.01
11) 2-Chlorophenol-d4	7.311	132	6	0.001	ng/ul	0.00
15) 4-Methylphenol-d8	8.493	113	10	0.001	ng/ul	0.00
21) Nitrobenzene-d5	8.940	128	66	0.011	ng/ul	0.00
24) 2-Nitrophenol-d4	9.663	143	8	0.001	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.199	165	20	0.001	ng/ul	0.00
31) 4-Chloroaniline-d4	10.716	131	4	0.000	ng/ul	0.00
46) Dimethylphthalate-d6	13.816	166	231	0.006	ng/ul	-0.02
49) Acenaphthylene-d8	14.110	160	194	0.004	ng/ul	0.00
54) 4-Nitrophenol-d4	14.675	143	37	0.006	ng/ul	0.02
60) Fluorene-d10	15.404	176	275	0.008	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.534	200	96	0.013	ng/ul	-0.02
73) Anthracene-d10	17.275	188	1863	0.038	ng/ul	0.00
81) Pyrene-d10	19.522	212	1123	0.024	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.457	264	2870	0.065	ng/ul	-0.02
Target Compounds						Qvalue
30) Naphthalene	10.610	128	196396	5.014	ng/ul	99
36) 2-Methylnaphthalene	12.228	142	76404	2.681	ng/ul	99
37) 1-Methylnaphthalene	12.446	142	65469	2.348	ng/ul	95
52) Acenaphthene	14.475	153	46356	1.471	ng/ul	98
56) Dibenzofuran	14.816	168	212967	4.722	ng/ul	97
61) Fluorene	15.463	166	345395	9.349	ng/ul	99
72) Phenanthrene	17.216	178	3852919	69.958	ng/ul	99
74) Anthracene	17.304	178	117130	2.098	ng/ul	99
80) Fluoranthene	19.192	202	4382903	77.748	ng/ul	97
82) Pyrene	19.545	202	1524253	26.640	ng/ul	96
85) Benzo(a)anthracene	21.257	228	918603	16.134	ng/ul	99
87) Chrysene	21.310	228	1174979	22.576	ng/ul	99
90) Benzo(b)fluoranthene	22.910	252	715241	12.383	ng/ul#	96
91) Benzo(k)fluoranthene	22.951	252	192662	3.438	ng/ul#	90

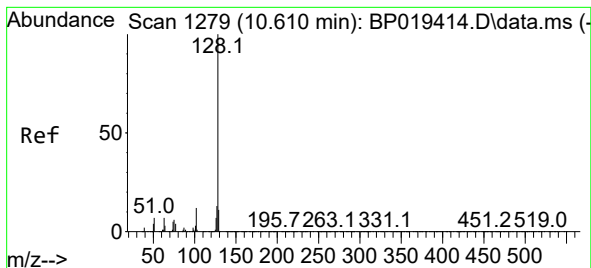
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SVOA CALIBRATION
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Response via : Initial Calibration

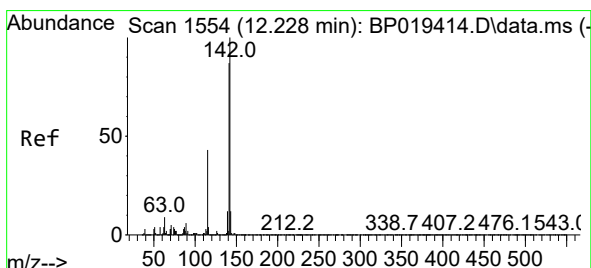
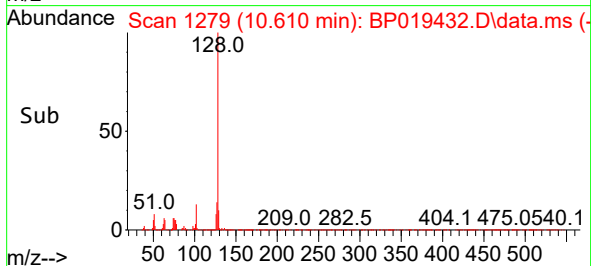
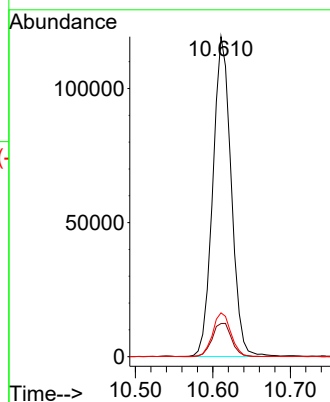
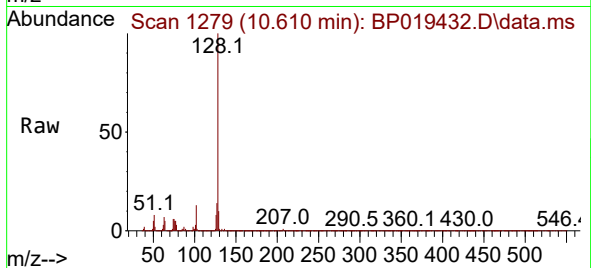




#30
Naphthalene
Concen: 5.014 ng/ul
RT: 10.610 min Scan# 1279
Delta R.T. -0.006 min
Lab File: BP019432.D
Acq: 23 Jan 2024 22:23

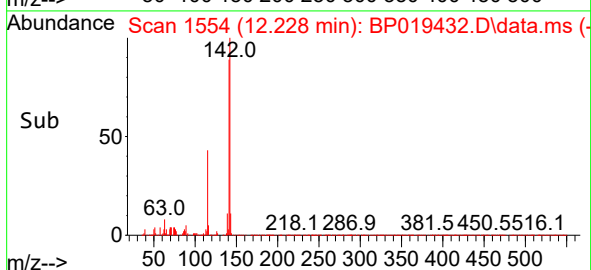
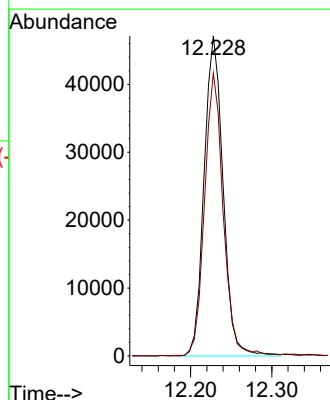
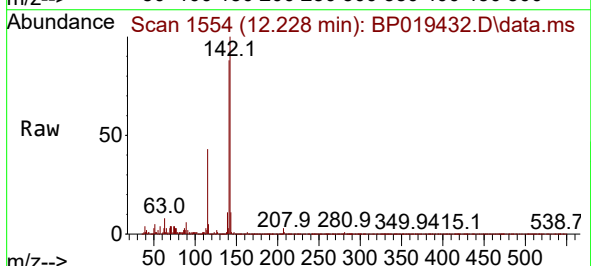
Instrument :
BNA_P
ClientSampleId :

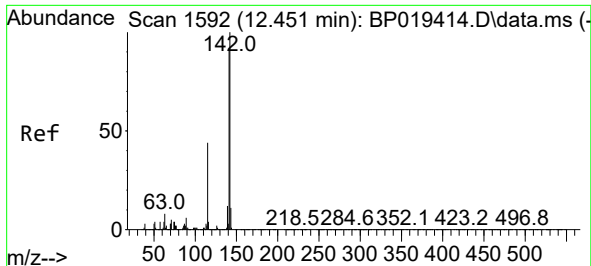
Tgt Ion:128 Resp: 196396
Ion Ratio Lower Upper
128 100
129 10.3 8.6 12.8
127 13.7 10.6 15.8



#36
2-Methylnaphthalene
Concen: 2.681 ng/ul
RT: 12.228 min Scan# 1554
Delta R.T. 0.000 min
Lab File: BP019432.D
Acq: 23 Jan 2024 22:23

Tgt Ion:142 Resp: 76404
Ion Ratio Lower Upper
142 100
141 88.4 71.1 106.7

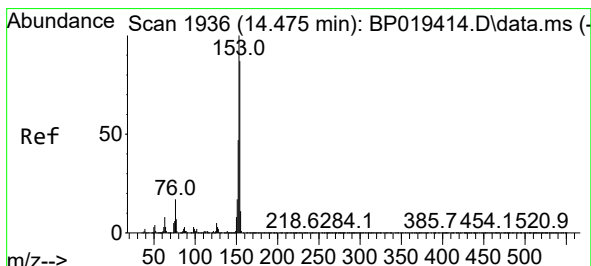
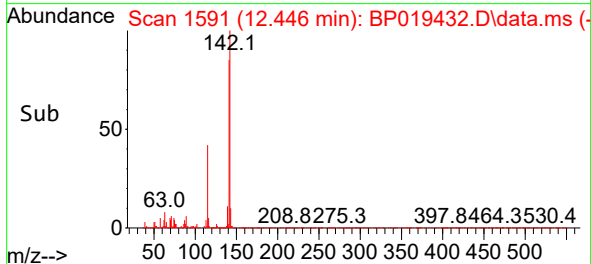
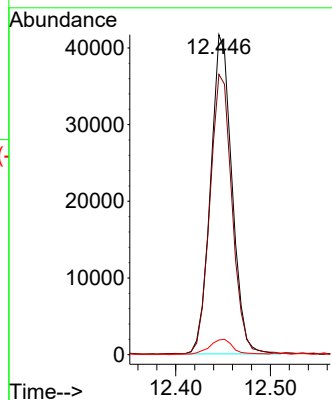
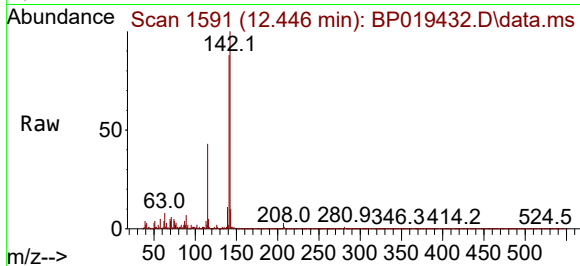




#37
1-Methylnaphthalene
Concen: 2.348 ng/ul
RT: 12.446 min Scan# 1591
Delta R.T. -0.006 min
Lab File: BP019432.D
Acq: 23 Jan 2024 22:23

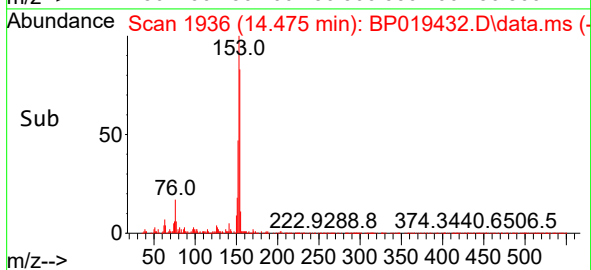
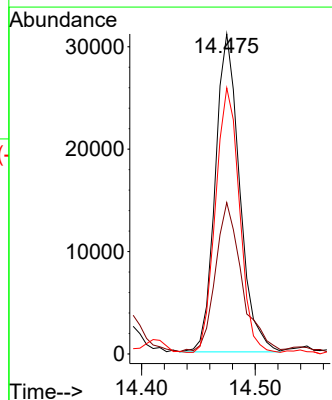
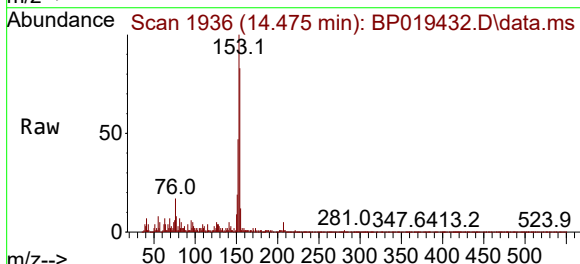
Instrument :
BNA_P
ClientSampleId :

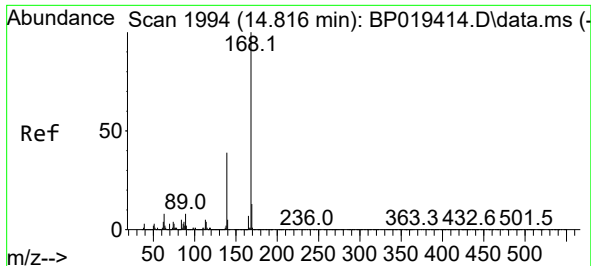
Tgt Ion:142 Resp: 65469
Ion Ratio Lower Upper
142 100
141 87.6 74.4 111.6
116 4.6 3.9 5.9



#52
Acenaphthene
Concen: 1.471 ng/ul
RT: 14.475 min Scan# 1936
Delta R.T. -0.006 min
Lab File: BP019432.D
Acq: 23 Jan 2024 22:23

Tgt Ion:153 Resp: 46356
Ion Ratio Lower Upper
153 100
152 47.3 38.2 57.2
154 83.1 68.9 103.3

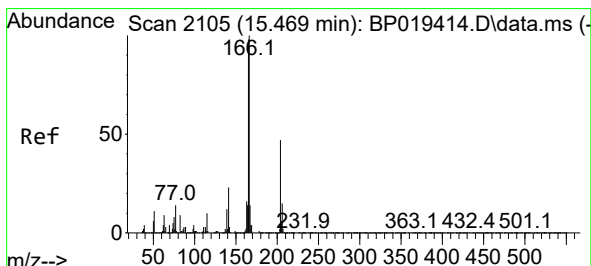
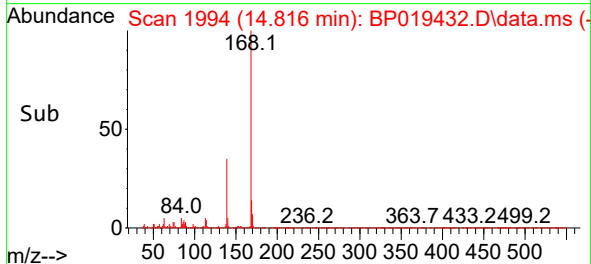
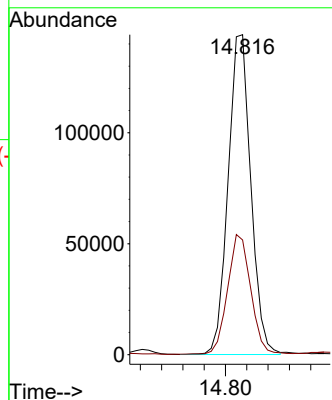
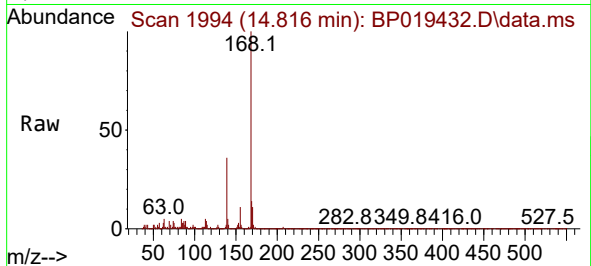




#56
Dibenzenofuran
Concen: 4.722 ng/ul
RT: 14.816 min Scan# 1994
Delta R.T. 0.000 min
Lab File: BP019432.D
Acq: 23 Jan 2024 22:23

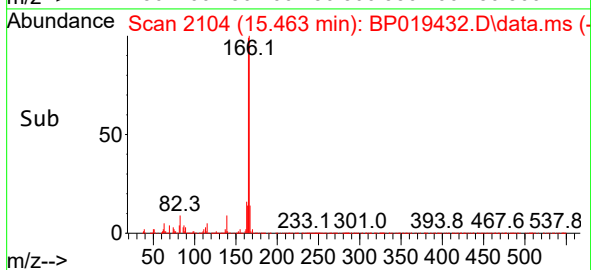
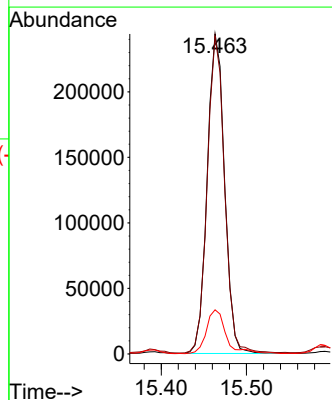
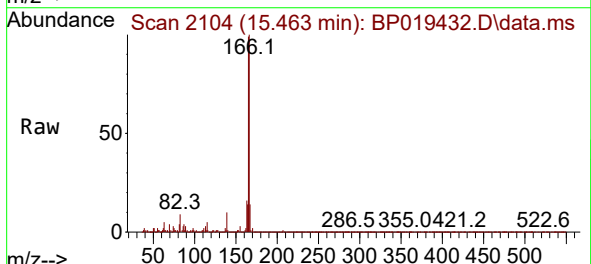
Instrument :
BNA_P
ClientSampleId :

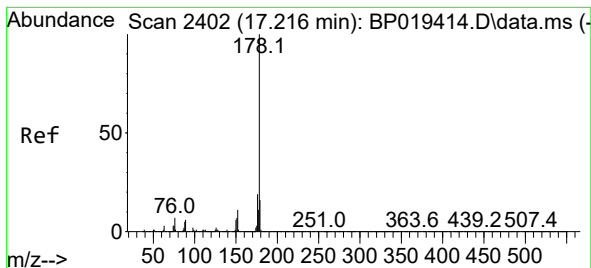
Tgt Ion:168 Resp: 212967
Ion Ratio Lower Upper
168 100
139 35.8 30.3 45.5



#61
Fluorene
Concen: 9.349 ng/ul
RT: 15.463 min Scan# 2104
Delta R.T. -0.006 min
Lab File: BP019432.D
Acq: 23 Jan 2024 22:23

Tgt Ion:166 Resp: 345395
Ion Ratio Lower Upper
166 100
165 99.3 78.6 118.0
167 13.8 10.6 15.8





#72

Phenanthrene

Concen: 69.958 ng/ul

RT: 17.216 min Scan# 2402

Delta R.T. 0.000 min

Lab File: BP019432.D

Acq: 23 Jan 2024 22:23

Instrument :

BNA_P

ClientSampleId :

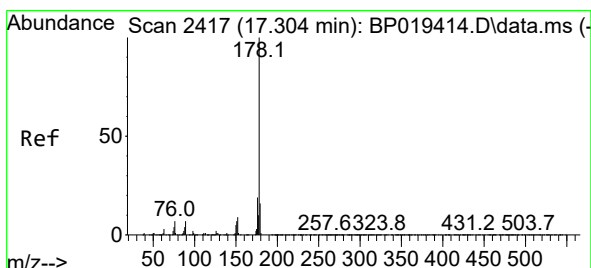
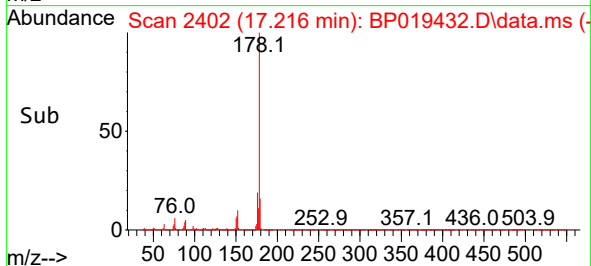
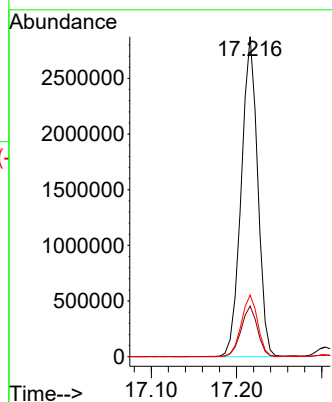
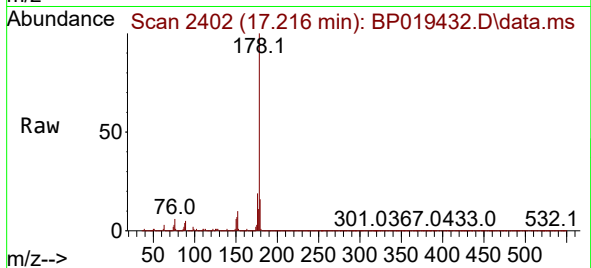
Tgt Ion:178 Resp: 3852919

Ion Ratio Lower Upper

178 100

179 15.8 12.1 18.1

176 19.3 15.4 23.2



#74

Anthracene

Concen: 2.098 ng/ul

RT: 17.304 min Scan# 2417

Delta R.T. 0.000 min

Lab File: BP019432.D

Acq: 23 Jan 2024 22:23

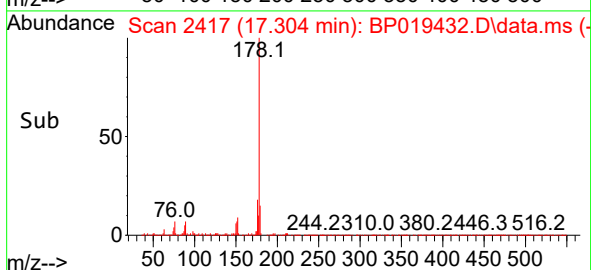
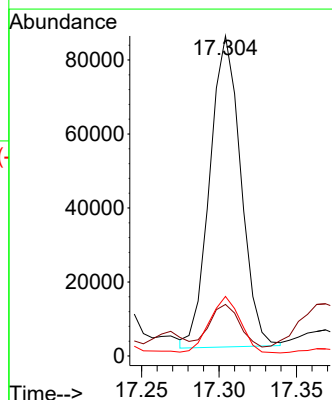
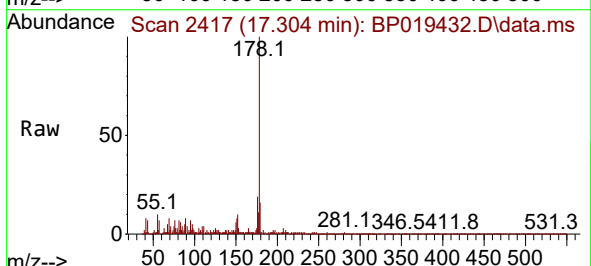
Tgt Ion:178 Resp: 117130

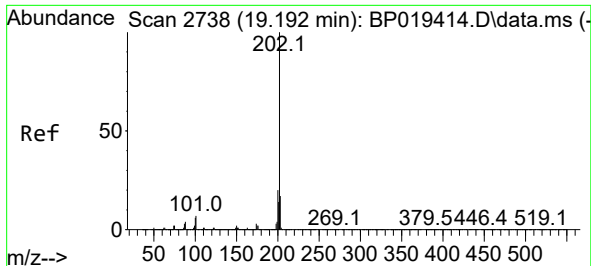
Ion Ratio Lower Upper

178 100

179 16.1 12.3 18.5

176 18.6 14.6 22.0

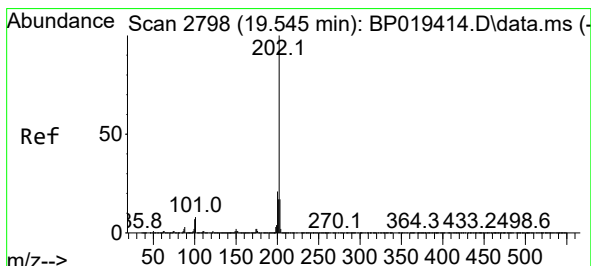
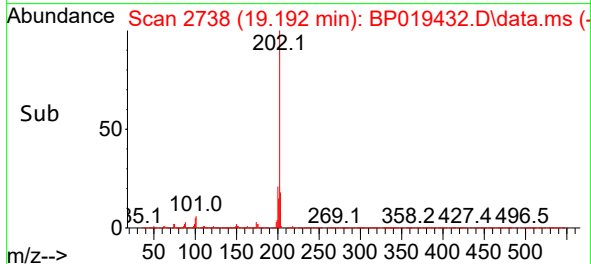
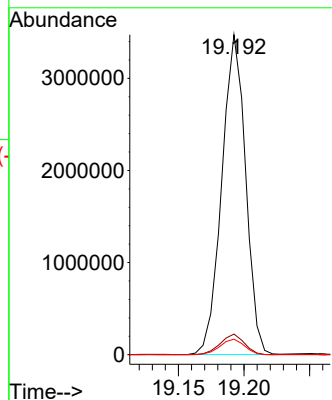
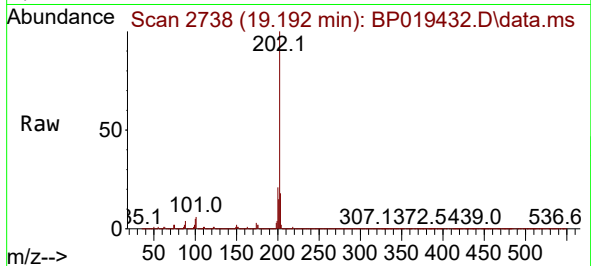




#80
Fluoranthene
Concen: 77.748 ng/ul
RT: 19.192 min Scan# 2738
Delta R.T. 0.000 min
Lab File: BP019432.D
Acq: 23 Jan 2024 22:23

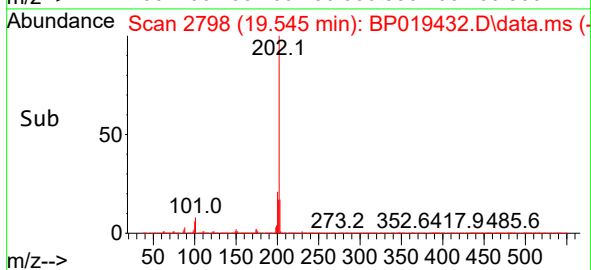
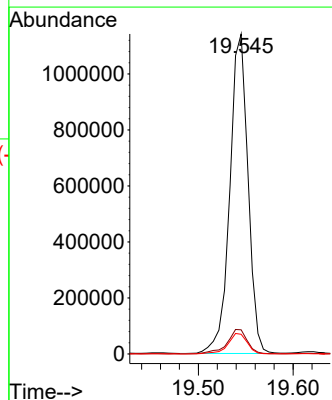
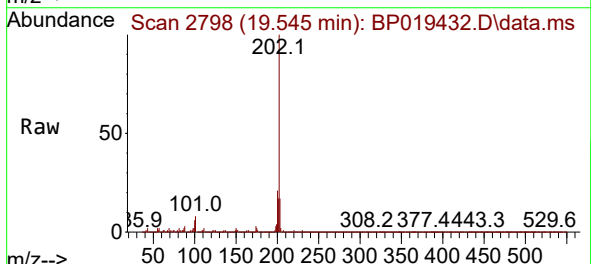
Instrument :
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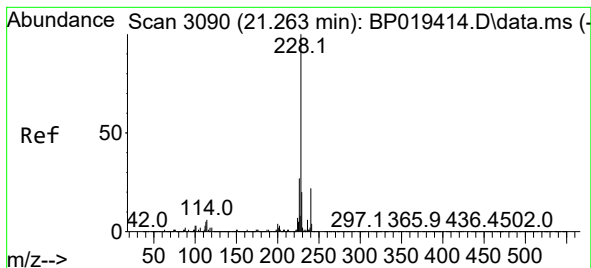
Tgt Ion:202 Resp: 4382903
Ion Ratio Lower Upper
202 100
101 6.5 5.9 8.9
100 4.9 4.6 7.0



#82
Pyrene
Concen: 26.640 ng/ul
RT: 19.545 min Scan# 2798
Delta R.T. 0.000 min
Lab File: BP019432.D
Acq: 23 Jan 2024 22:23

Tgt Ion:202 Resp: 1524253
Ion Ratio Lower Upper
202 100
101 7.5 7.2 10.8
100 6.2 5.8 8.6





#85

Benzo(a)anthracene

Concen: 16.134 ng/ul

RT: 21.257 min Scan# 3089

Delta R.T. -0.006 min

Lab File: BP019432.D

Acq: 23 Jan 2024 22:23

Instrument :

BNA_P

ClientSampleId :

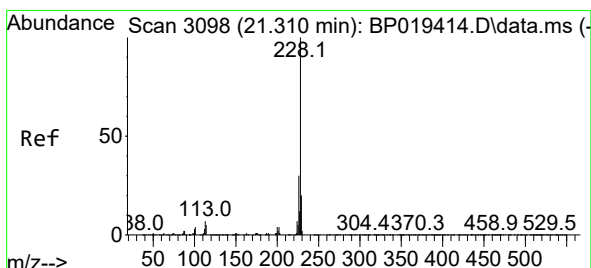
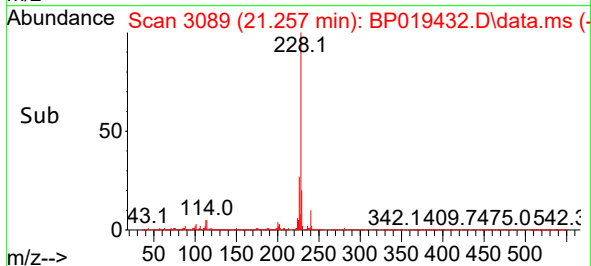
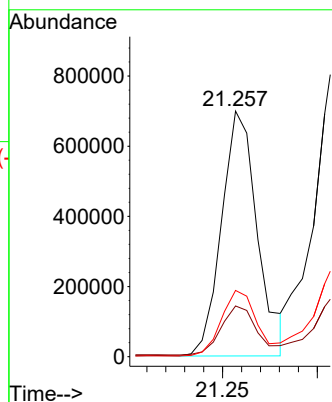
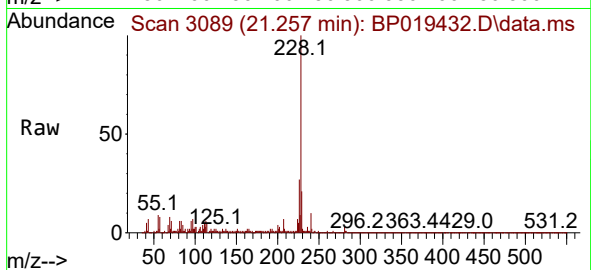
Tgt Ion:228 Resp: 918603

Ion Ratio Lower Upper

228 100

229 20.6 15.8 23.6

226 27.0 21.6 32.4



#87

Chrysene

Concen: 22.576 ng/ul

RT: 21.310 min Scan# 3098

Delta R.T. -0.006 min

Lab File: BP019432.D

Acq: 23 Jan 2024 22:23

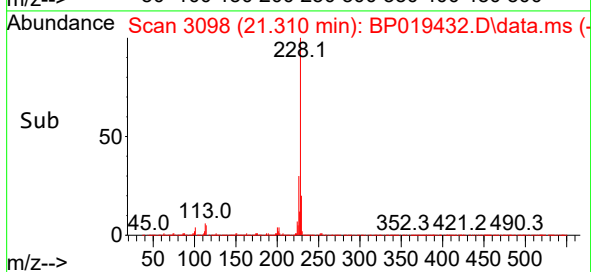
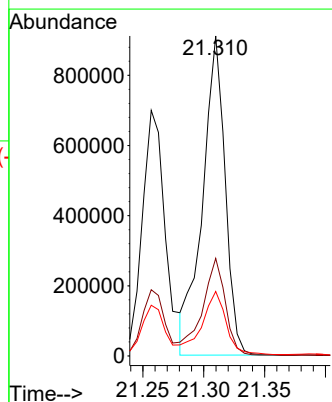
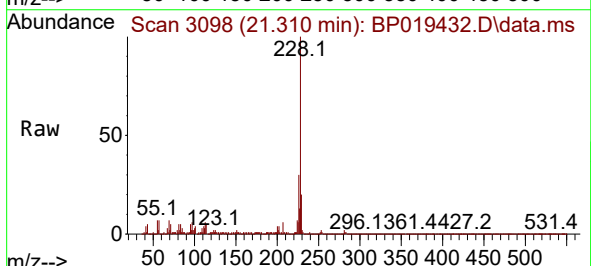
Tgt Ion:228 Resp: 1174979

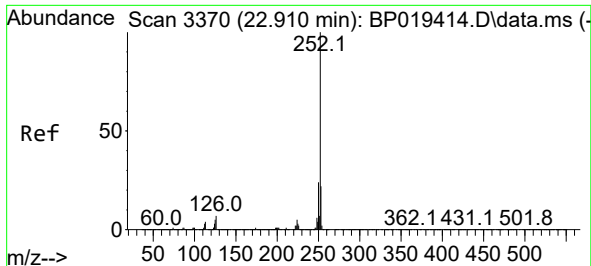
Ion Ratio Lower Upper

228 100

226 30.5 23.9 35.9

229 20.1 15.5 23.3

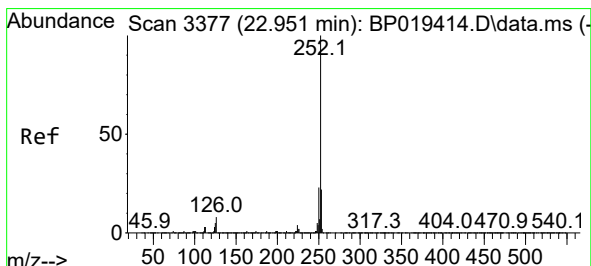
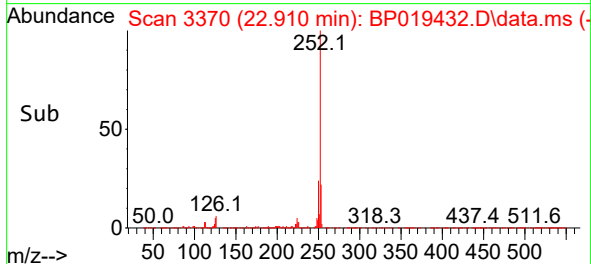
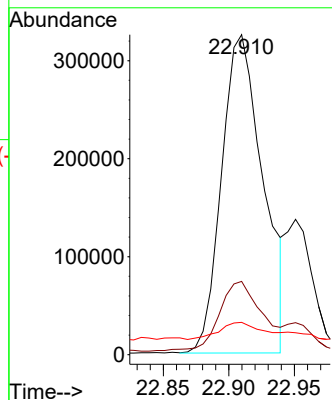
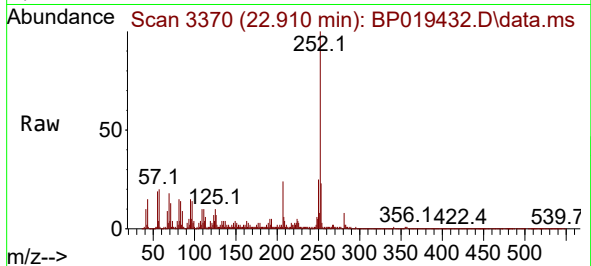




#90
Benzo(b)fluoranthene
Concen: 12.383 ng/ul
RT: 22.910 min Scan# 3370
Delta R.T. 0.000 min
Lab File: BP019432.D
Acq: 23 Jan 2024 22:23

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:252 Resp: 715241
Ion Ratio Lower Upper
252 100
253 22.9 17.8 26.8
125 10.1 4.9 7.3#



#91
Benzo(k)fluoranthene
Concen: 3.438 ng/ul
RT: 22.951 min Scan# 3377
Delta R.T. -0.006 min
Lab File: BP019432.D
Acq: 23 Jan 2024 22:23

Tgt Ion:252 Resp: 192662
Ion Ratio Lower Upper
252 100
253 23.6 17.3 25.9
125 16.2 4.8 7.2#

