

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP012324\
 Data File : BP019430.D
 Acq On : 23 Jan 2024 21:16
 Operator : MA/JU
 Sample : P1158-10
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :

Quant Time: Jan 24 00:07:54 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

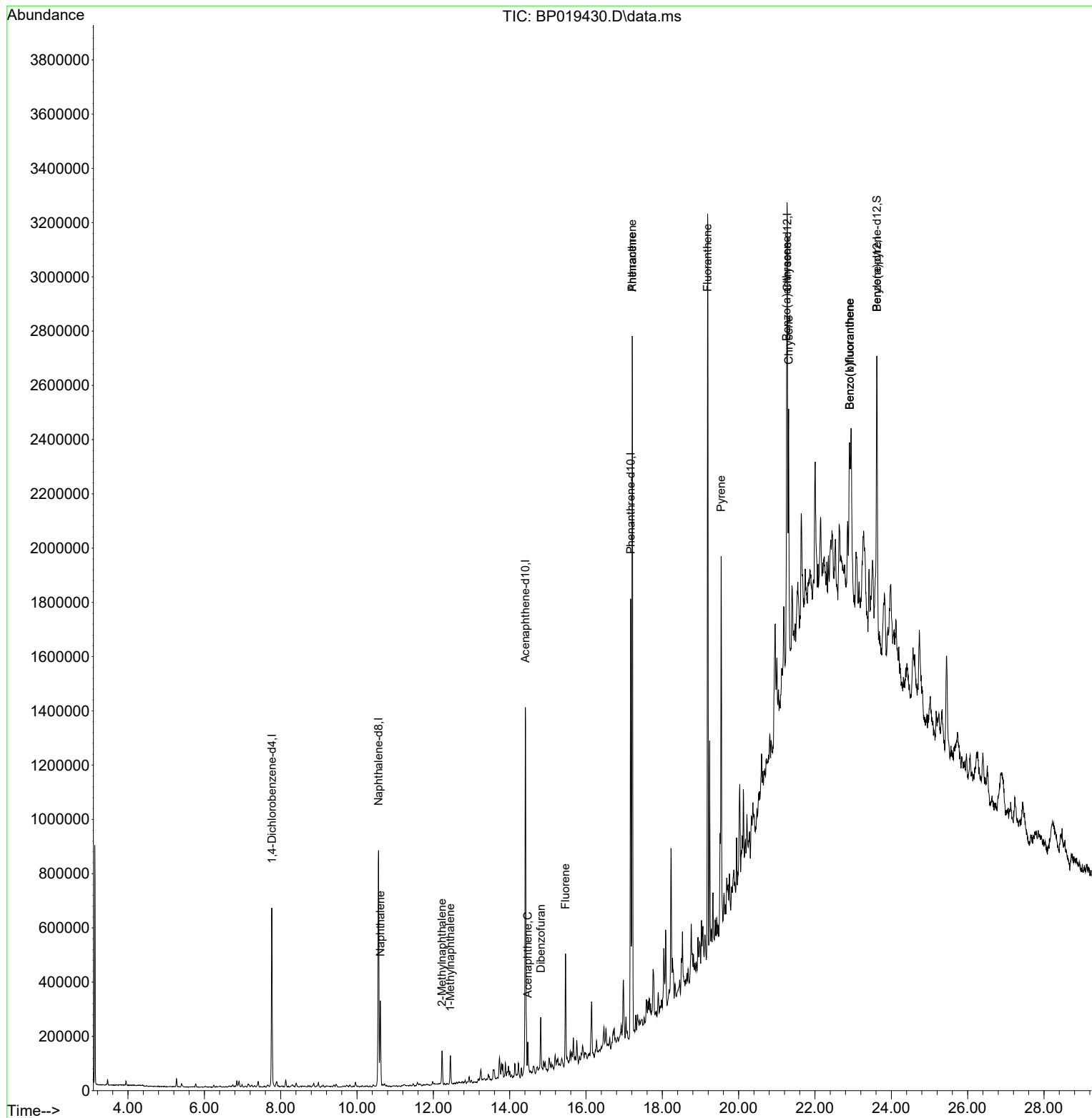
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.769	152	173342	20.000	ng/ul	0.00
20) Naphthalene-d8	10.563	136	668463	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.410	164	446573	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.169	188	931395	20.000	ng/ul	0.00
79) Chrysene-d12	21.274	240	698651	20.000	ng/ul	0.00
88) Perylene-d12	23.621	264	802052	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.205	96	162	0.035	ng/uL	0.00
4) Pyridine-d5	3.634	84	91	0.007	ng/ul	0.00
7) Phenol-d5	6.969	99	5	0.000	ng/ul	0.01
9) Bis-(2-Chloroethyl)eth...	7.105	67	76	0.008	ng/ul	0.00
11) 2-Chlorophenol-d4	7.299	132	6	0.001	ng/ul	0.00
15) 4-Methylphenol-d8	8.499	113	14	0.001	ng/ul	0.00
21) Nitrobenzene-d5	8.869	128	34	0.006	ng/ul	-0.07
24) 2-Nitrophenol-d4	9.669	143	16	0.002	ng/ul	0.01
28) 2,4-Dichlorophenol-d3	10.199	165	50	0.004	ng/ul	0.00
31) 4-Chloroaniline-d4	10.734	131	10	0.001	ng/ul	0.02
46) Dimethylphthalate-d6	13.845	166	91	0.002	ng/ul	0.01
49) Acenaphthylene-d8	14.104	160	253	0.006	ng/ul	0.00
54) 4-Nitrophenol-d4	14.634	143	210	0.035	ng/ul	-0.02
60) Fluorene-d10	15.410	176	550	0.017	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.504	200	378	0.055	ng/ul	-0.05
73) Anthracene-d10	17.269	188	1966	0.042	ng/ul	0.00
81) Pyrene-d10	19.522	212	1248	0.027	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.621	264	791752	18.155	ng/ul	0.15
Target Compounds						
					Qvalue	
30) Naphthalene	10.610	128	231090	6.135	ng/ul	99
36) 2-Methylnaphthalene	12.228	142	58444	2.132	ng/ul	99
37) 1-Methylnaphthalene	12.445	142	47627	1.776	ng/ul	97
52) Acenaphthene	14.475	153	41554	1.369	ng/ul	97
56) Dibenzofuran	14.816	168	95753	2.204	ng/ul	100
61) Fluorene	15.463	166	165874	4.660	ng/ul	98
72) Phenanthrene	17.210	178	1571970	30.046	ng/ul	100
74) Anthracene	17.210	178	1571970	29.639	ng/ul	99
80) Fluoranthene	19.186	202	1694621	31.470	ng/ul	98
82) Pyrene	19.539	202	877728	16.059	ng/ul	99
85) Benzo(a)anthracene	21.257	228	415750	7.644	ng/ul	99
87) Chrysene	21.310	228	505425	10.166	ng/ul	99
90) Benzo(b)fluoranthene	22.910	252	458589	8.001	ng/ul#	94
91) Benzo(k)fluoranthene	22.910	252	458589	8.247	ng/ul#	92

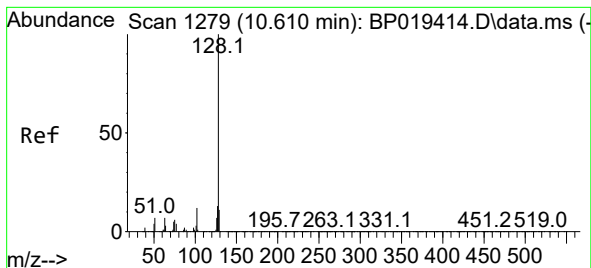
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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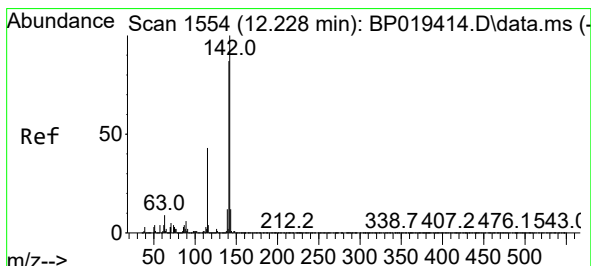
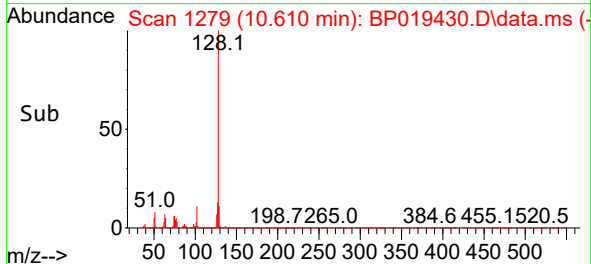
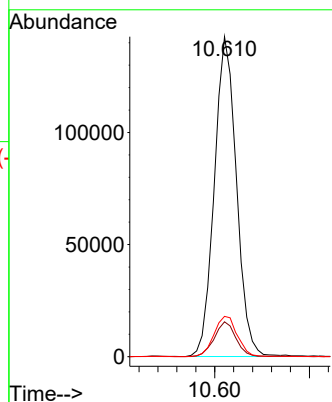
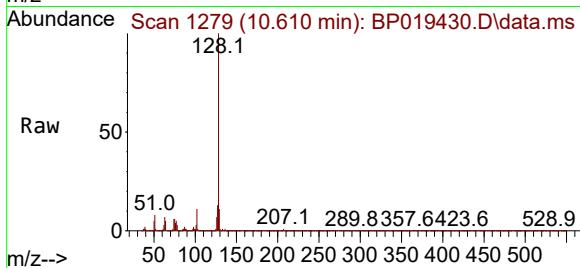




#30
Naphthalene
Concen: 6.135 ng/ul
RT: 10.610 min Scan# 1279
Delta R.T. -0.006 min
Lab File: BP019430.D
Acq: 23 Jan 2024 21:16

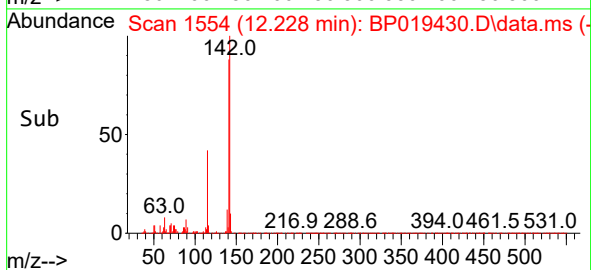
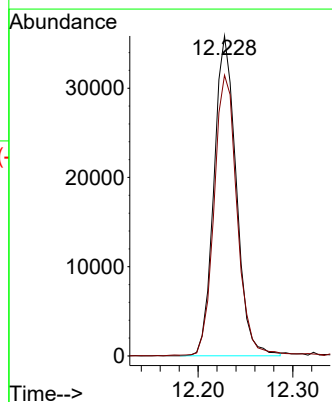
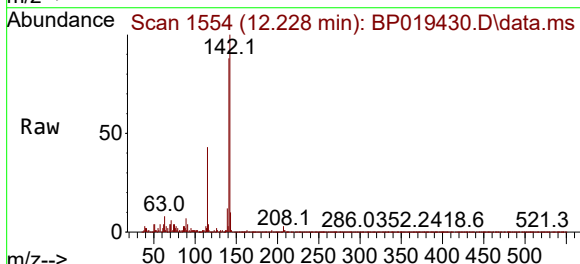
Instrument :
BNA_P
ClientSampleId :

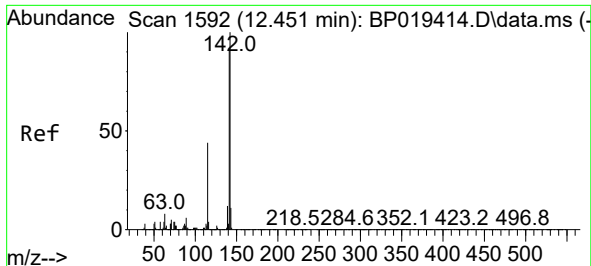
Tgt Ion:128 Resp: 231090
Ion Ratio Lower Upper
128 100
129 10.9 8.6 12.8
127 12.6 10.6 15.8



#36
2-Methylnaphthalene
Concen: 2.132 ng/ul
RT: 12.228 min Scan# 1554
Delta R.T. -0.000 min
Lab File: BP019430.D
Acq: 23 Jan 2024 21:16

Tgt Ion:142 Resp: 58444
Ion Ratio Lower Upper
142 100
141 87.7 71.1 106.7

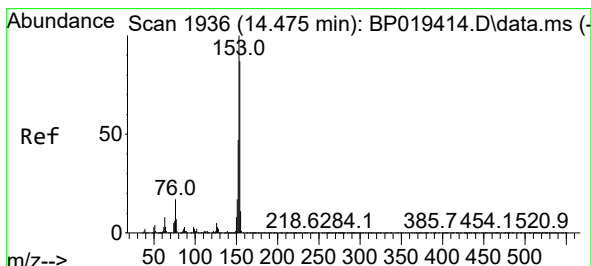
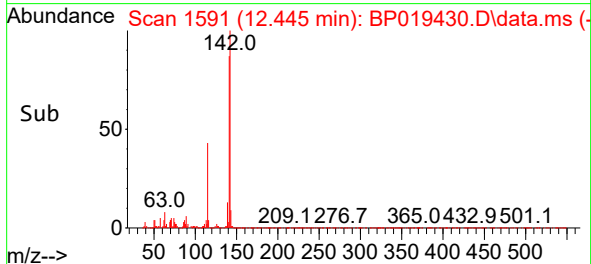
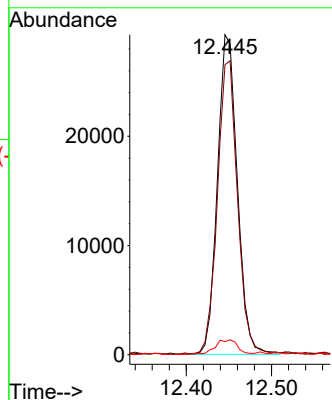
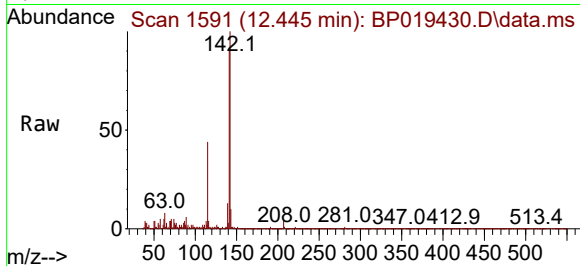




#37
1-Methylnaphthalene
Concen: 1.776 ng/ul
RT: 12.445 min Scan# 1591
Delta R.T. -0.006 min
Lab File: BP019430.D
Acq: 23 Jan 2024 21:16

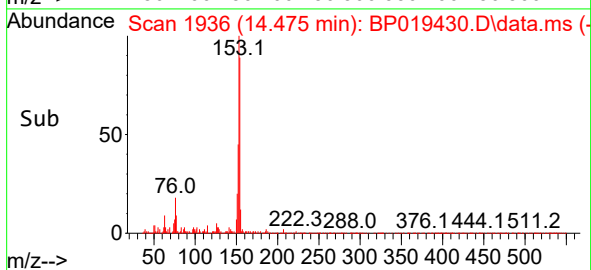
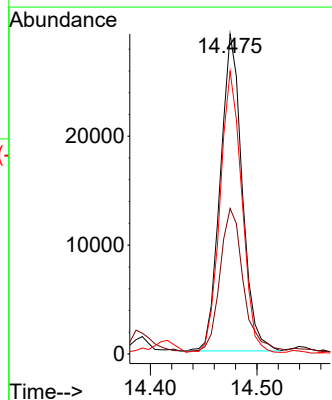
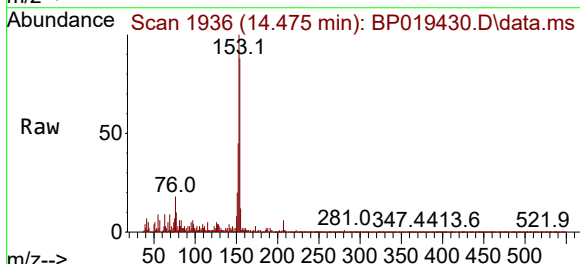
Instrument :
BNA_P
ClientSampleId :

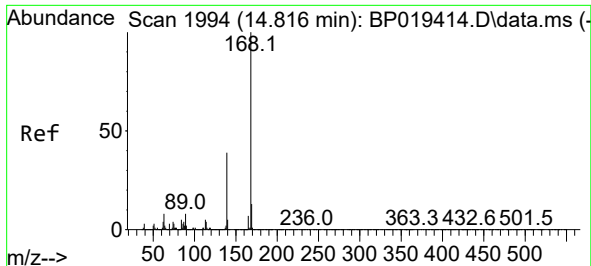
Tgt Ion:142 Resp: 47627
Ion Ratio Lower Upper
142 100
141 90.6 74.4 111.6
116 4.1 3.9 5.9



#52
Acenaphthene
Concen: 1.369 ng/ul
RT: 14.475 min Scan# 1936
Delta R.T. -0.006 min
Lab File: BP019430.D
Acq: 23 Jan 2024 21:16

Tgt Ion:153 Resp: 41554
Ion Ratio Lower Upper
153 100
152 45.4 38.2 57.2
154 88.4 68.9 103.3

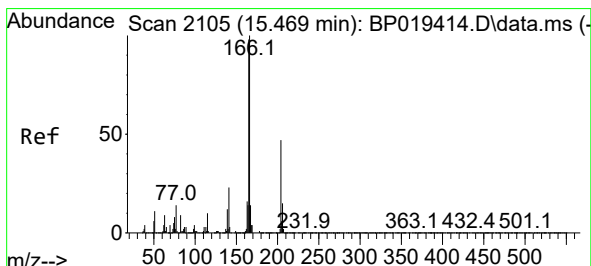
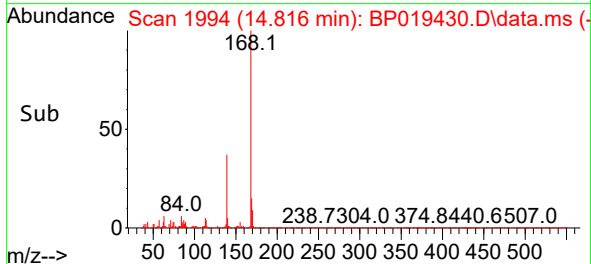
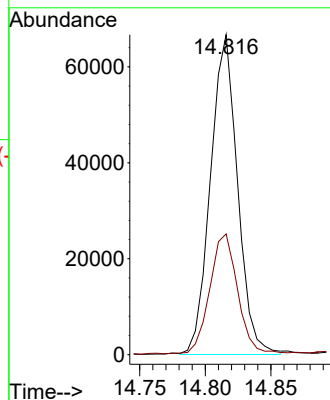
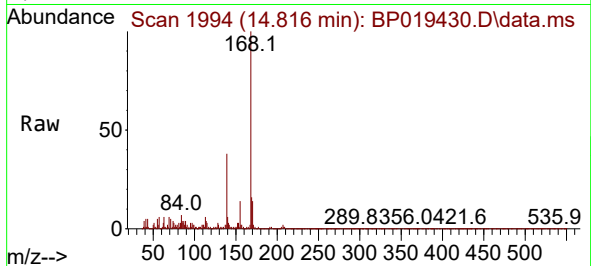




#56
Dibenzenofuran
Concen: 2.204 ng/ul
RT: 14.816 min Scan# 1994
Delta R.T. -0.000 min
Lab File: BP019430.D
Acq: 23 Jan 2024 21:16

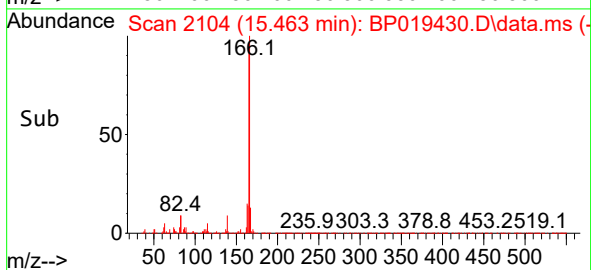
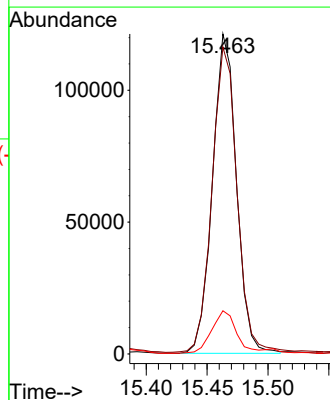
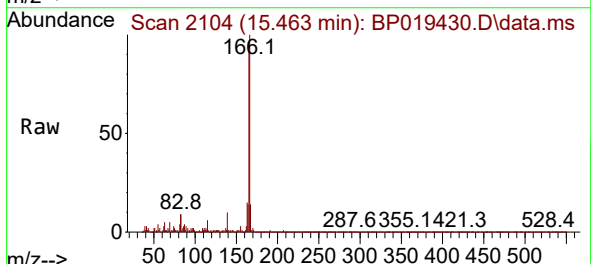
Instrument :
BNA_P
ClientSampleId :

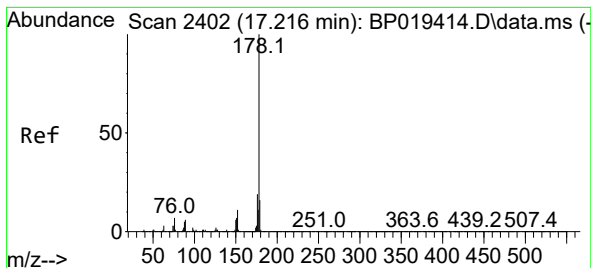
Tgt Ion:168 Resp: 95753
Ion Ratio Lower Upper
168 100
139 37.8 30.3 45.5



#61
Fluorene
Concen: 4.660 ng/ul
RT: 15.463 min Scan# 2104
Delta R.T. -0.006 min
Lab File: BP019430.D
Acq: 23 Jan 2024 21:16

Tgt Ion:166 Resp: 165874
Ion Ratio Lower Upper
166 100
165 95.9 78.6 118.0
167 13.5 10.6 15.8





#72

Phenanthrene

Concen: 30.046 ng/ul

RT: 17.210 min Scan# 2401

Delta R.T. -0.006 min

Lab File: BP019430.D

Acq: 23 Jan 2024 21:16

Instrument :

BNA_P

ClientSampleId :

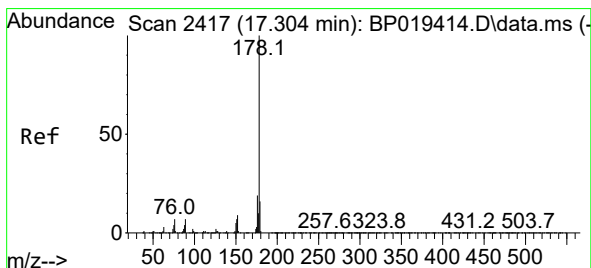
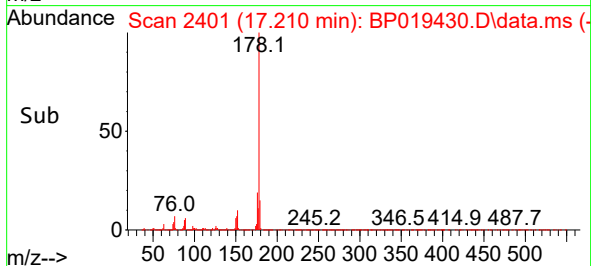
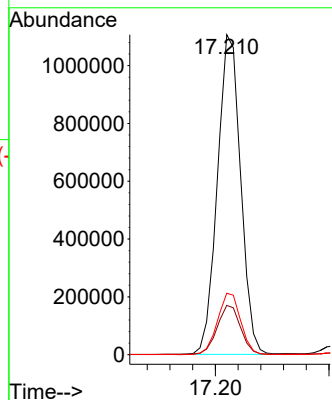
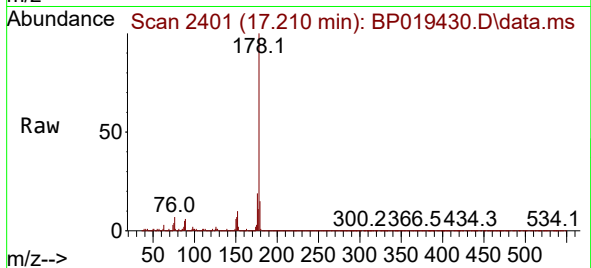
Tgt Ion:178 Resp: 1571970

Ion Ratio Lower Upper

178 100

179 15.4 12.1 18.1

176 19.2 15.4 23.2



#74

Anthracene

Concen: 29.639 ng/ul

RT: 17.210 min Scan# 2401

Delta R.T. -0.094 min

Lab File: BP019430.D

Acq: 23 Jan 2024 21:16

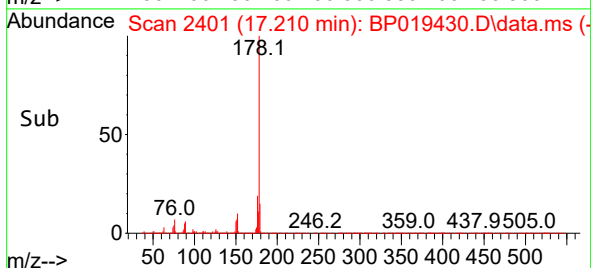
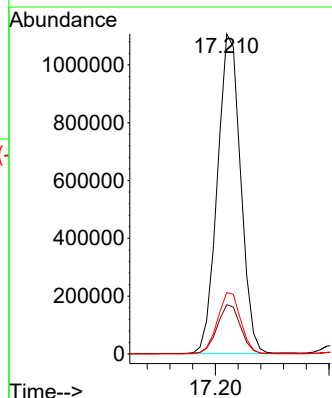
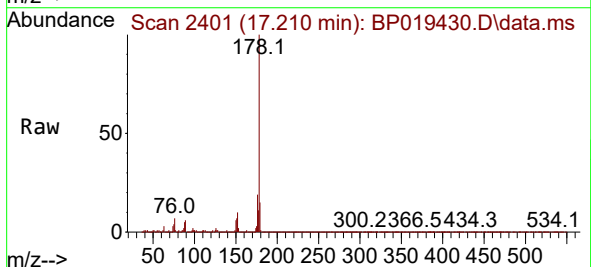
Tgt Ion:178 Resp: 1571970

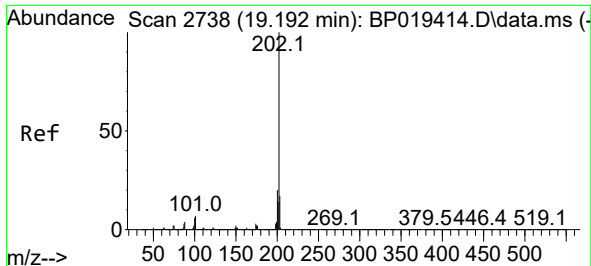
Ion Ratio Lower Upper

178 100

179 15.4 12.3 18.5

176 19.2 14.6 22.0

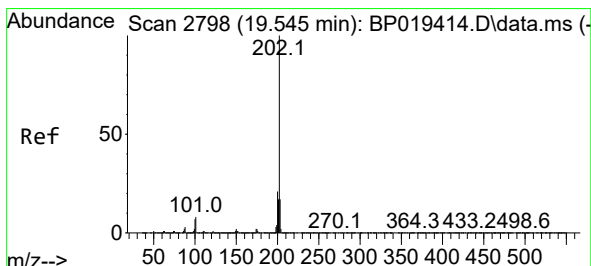
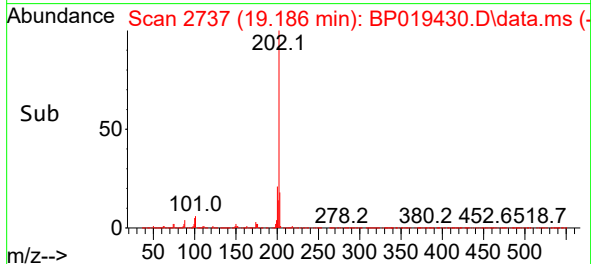
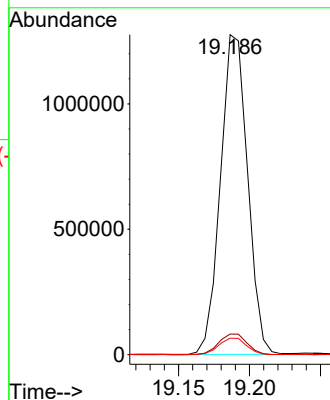
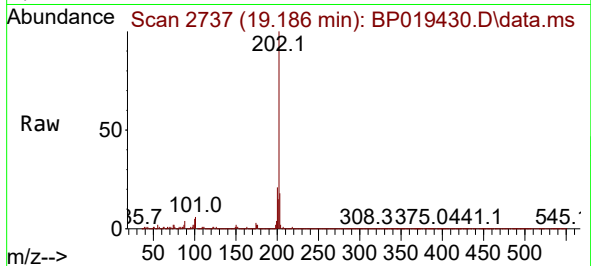




#80
Fluoranthene
Concen: 31.470 ng/ul
RT: 19.186 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP019430.D
Acq: 23 Jan 2024 21:16

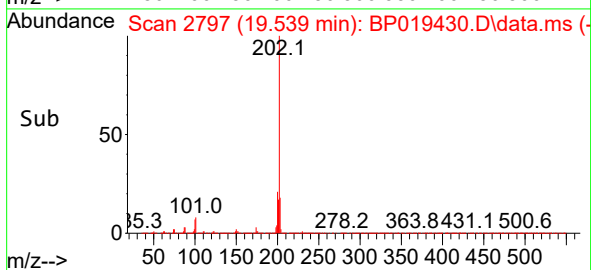
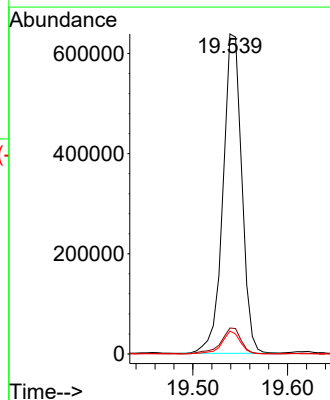
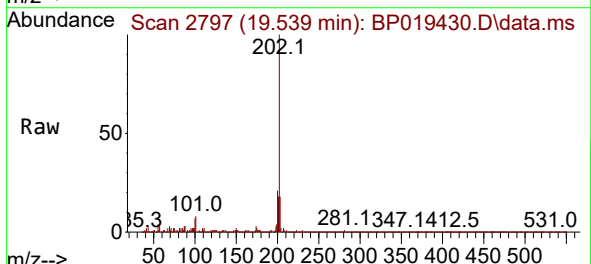
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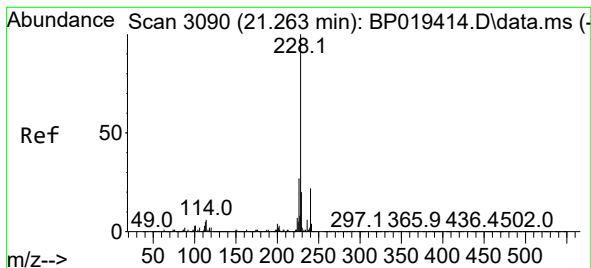
Tgt Ion:202 Resp: 1694621
Ion Ratio Lower Upper
202 100
101 6.5 5.9 8.9
100 5.2 4.6 7.0



#82
Pyrene
Concen: 16.059 ng/ul
RT: 19.539 min Scan# 2797
Delta R.T. -0.006 min
Lab File: BP019430.D
Acq: 23 Jan 2024 21:16

Tgt Ion:202 Resp: 877728
Ion Ratio Lower Upper
202 100
101 8.1 7.2 10.8
100 7.2 5.8 8.6





#85

Benzo(a)anthracene

Concen: 7.644 ng/ul

RT: 21.257 min Scan# 3089

Delta R.T. -0.006 min

Lab File: BP019430.D

Acq: 23 Jan 2024 21:16

Instrument :

BNA_P

ClientSampleId :

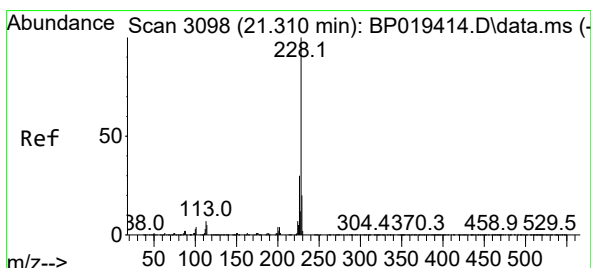
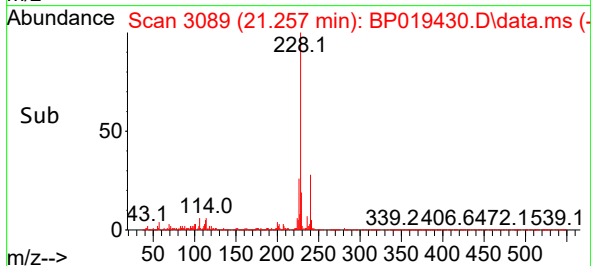
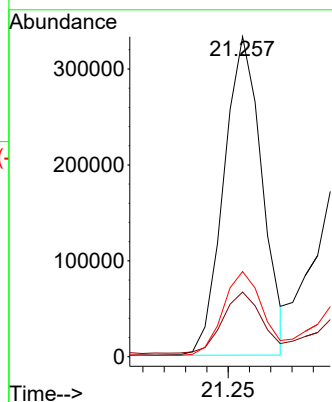
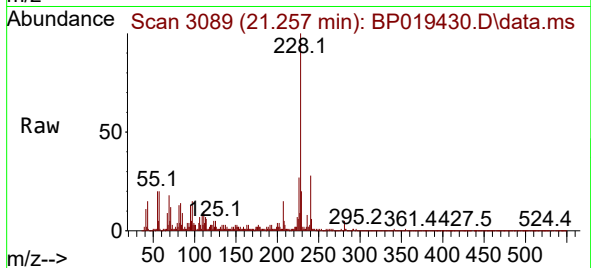
Tgt Ion:228 Resp: 415750

Ion Ratio Lower Upper

228 100

229 20.2 15.8 23.6

226 26.6 21.6 32.4



#87

Chrysene

Concen: 10.166 ng/ul

RT: 21.310 min Scan# 3098

Delta R.T. -0.006 min

Lab File: BP019430.D

Acq: 23 Jan 2024 21:16

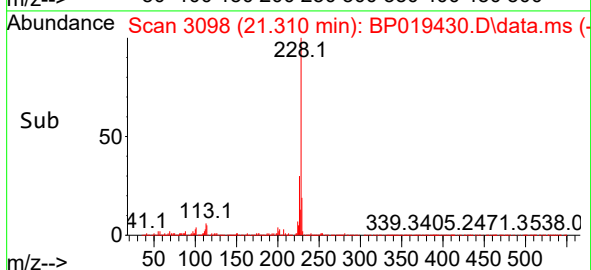
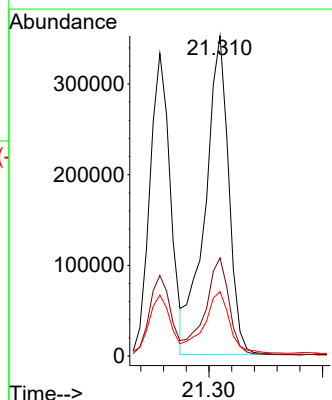
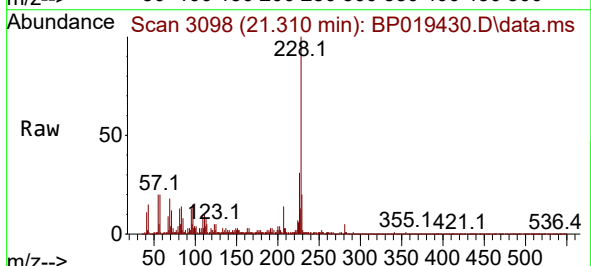
Tgt Ion:228 Resp: 505425

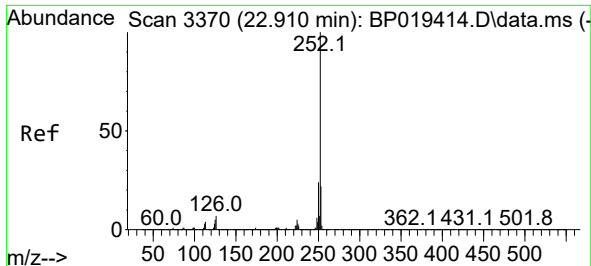
Ion Ratio Lower Upper

228 100

226 30.6 23.9 35.9

229 20.1 15.5 23.3

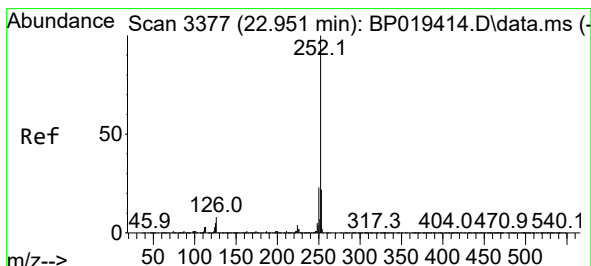
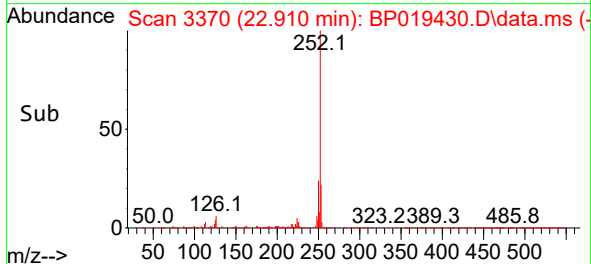
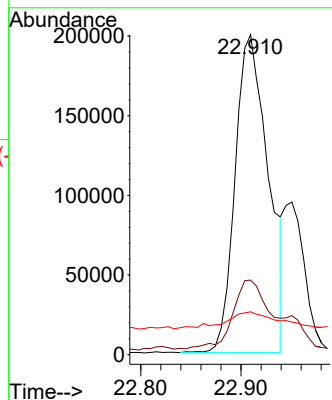
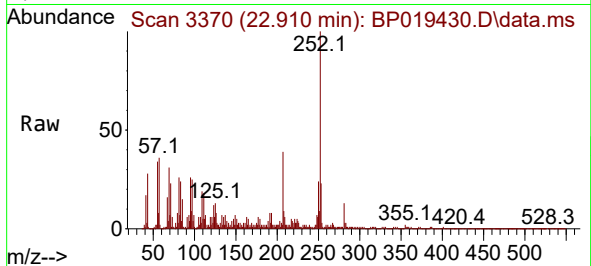




#90
Benzo(b)fluoranthene
Concen: 8.001 ng/ul
RT: 22.910 min Scan# 3370
Delta R.T. -0.000 min
Lab File: BP019430.D
Acq: 23 Jan 2024 21:16

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:252 Resp: 458589
Ion Ratio Lower Upper
252 100
253 23.3 17.8 26.8
125 13.4 4.9 7.3#



#91
Benzo(k)fluoranthene
Concen: 8.247 ng/ul
RT: 22.910 min Scan# 3370
Delta R.T. -0.047 min
Lab File: BP019430.D
Acq: 23 Jan 2024 21:16

Tgt Ion:252 Resp: 458589
Ion Ratio Lower Upper
252 100
253 23.3 17.3 25.9
125 13.4 4.8 7.2#

