

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121022\
 Data File : BP013033.D
 Acq On : 10 Dec 2022 11:10
 Operator : CG/JU
 Sample : N5896-20DL 20X
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 DBXN8DL

Quant Time: Dec 11 23:49:04 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

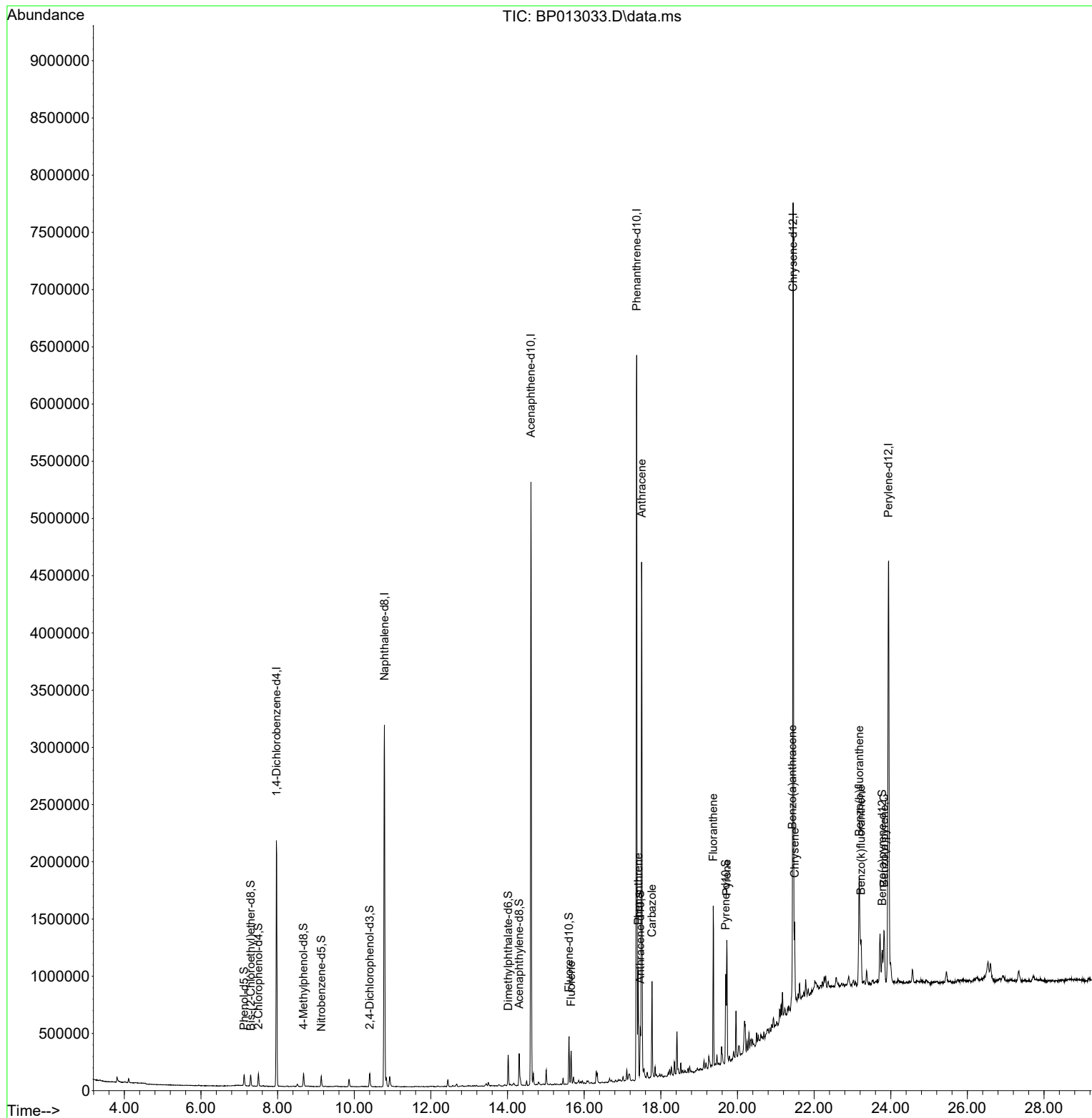
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.969	152	605058	20.000	ng/ul	-0.01
20) Naphthalene-d8	10.787	136	2620614	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.610	164	1763018	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.369	188	3975407	20.000	ng/ul	0.00
79) Chrysene-d12	21.451	240	3330917	20.000	ng/ul	0.00
88) Perylene-d12	23.939	264	3080646	20.000	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.358	96	3333	0.236	ng/uL	0.00
4) Pyridine-d5	3.787	84	1645	0.041	ng/ul	0.00
7) Phenol-d5	7.128	99	57324	1.163	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.299	67	43251	1.455	ng/ul	0.00
11) 2-Chlorophenol-d4	7.499	132	49057	1.264	ng/ul	-0.01
15) 4-Methylphenol-d8	8.675	113	43963	1.089	ng/ul	-0.01
21) Nitrobenzene-d5	9.140	128	21217	1.102	ng/ul	0.00
24) 2-Nitrophenol-d4	9.863	143	20859	0.962	ng/ul	-0.01
28) 2,4-Dichlorophenol-d3	10.404	165	46505	1.105	ng/ul	0.00
31) 4-Chloroaniline-d4	10.922	131	52367	0.881	ng/ul	0.00
46) Dimethylphthalate-d6	14.016	166	182076	1.344	ng/ul	0.00
49) Acenaphthylene-d8	14.304	160	181330	1.218	ng/ul	0.00
54) 4-Nitrophenol-d4	14.804	143	7270	0.298	ng/ul	0.00
60) Fluorene-d10	15.604	176	167914	1.465	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.722	200	12676	0.495	ng/ul	0.00
73) Anthracene-d10	17.463	188	278266	1.552	ng/ul	-0.01
81) Pyrene-d10	19.692	212	311508	1.629	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.780	264	213163	1.388	ng/ul	0.00
Target Compounds						
					Qvalue	
61) Fluorene	15.657	166	130568	1.032	ng/ul	97
72) Phenanthrene	17.410	178	536599	2.591	ng/ul	100
74) Anthracene	17.498	178	2895291	14.004	ng/ul	99
77) Carbazole	17.769	167	509523	2.926	ng/ul	99
80) Fluoranthene	19.369	202	790546	3.643	ng/ul	99
82) Pyrene	19.722	202	638148	2.851	ng/ul	99
85) Benzo(a)anthracene	21.433	228	239025	1.081	ng/ul	97
87) Chrysene	21.492	228	352018	1.683	ng/ul	97
90) Benzo(b)fluoranthene	23.180	252	849812	4.326	ng/ul	98
91) Benzo(k)fluoranthene	23.221	252	261609	1.343	ng/ul	96
93) Benzo(a)pyrene	23.827	252	327054	1.912	ng/ul#	97

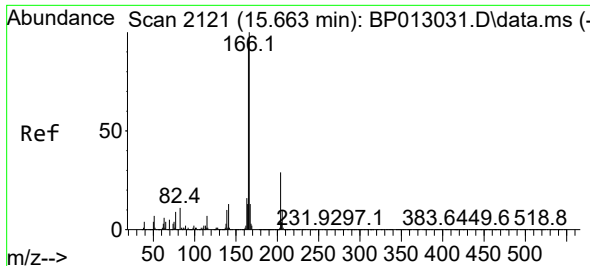
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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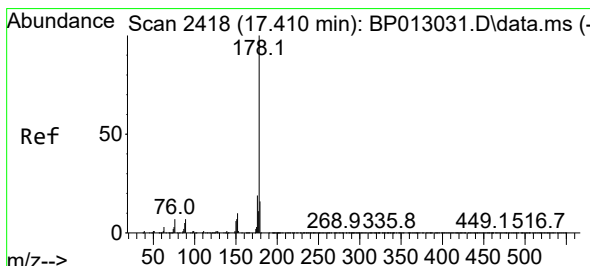
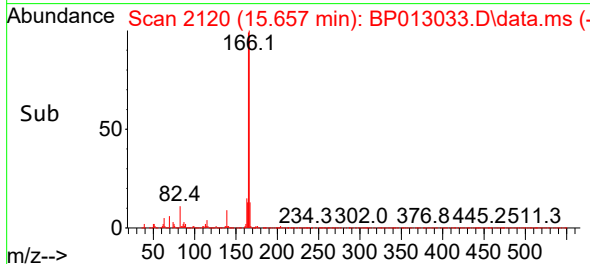
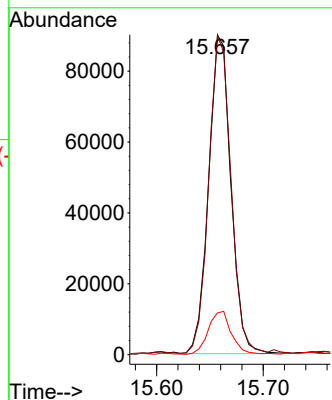
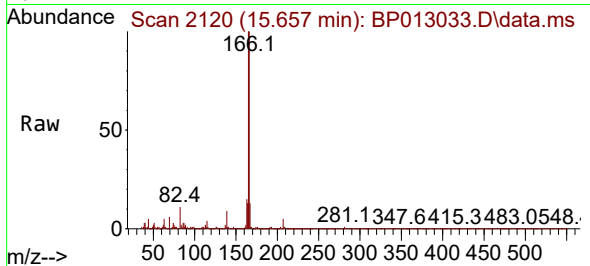




#61
Fluorene
Concen: 1.032 ng/ul
RT: 15.657 min Scan# 2121
Delta R.T. -0.012 min
Lab File: BP013033.D
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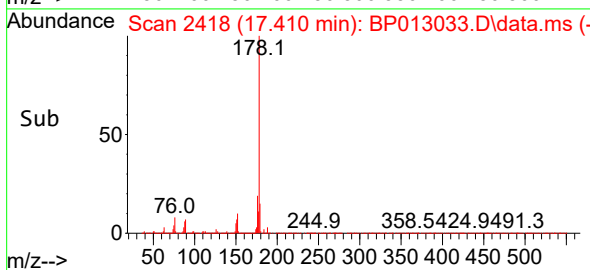
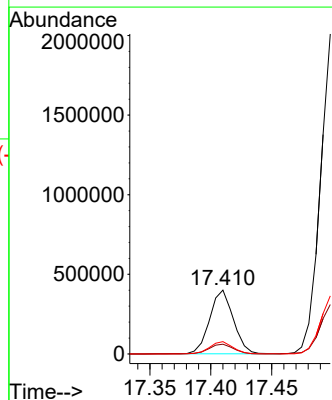
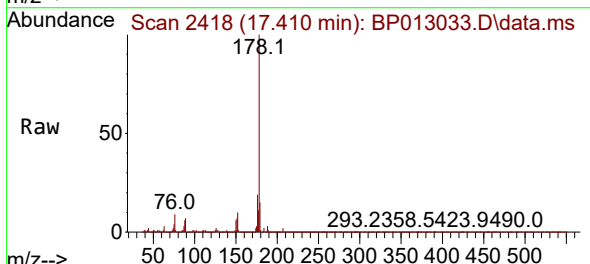
Instrument :
BNA_P
ClientSampleId :
DBXN8DL

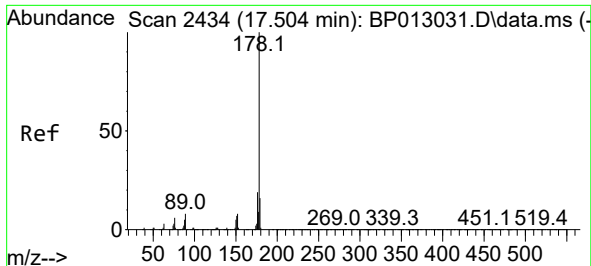
Tgt Ion:166 Resp: 130568
Ion Ratio Lower Upper
166 100
165 99.7 77.4 116.2
167 13.1 10.6 16.0



#72
Phenanthrene
Concen: 2.591 ng/ul
RT: 17.410 min Scan# 2418
Delta R.T. -0.006 min
Lab File: BP013033.D
Acq: 10 Dec 2022 11:10

Tgt Ion:178 Resp: 536599
Ion Ratio Lower Upper
178 100
179 15.3 12.5 18.7
176 19.2 15.4 23.0

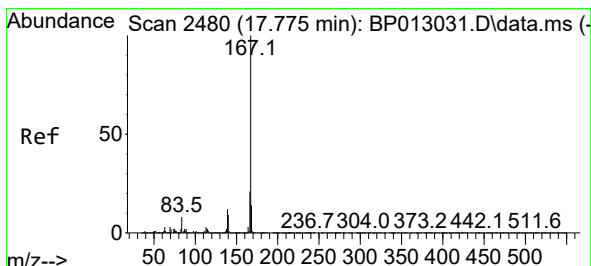
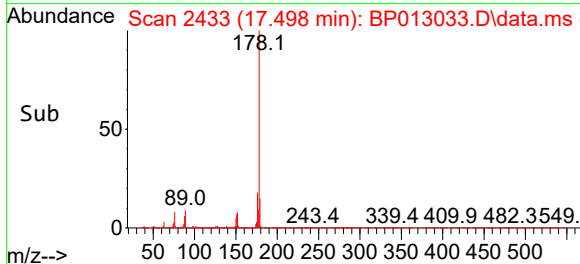
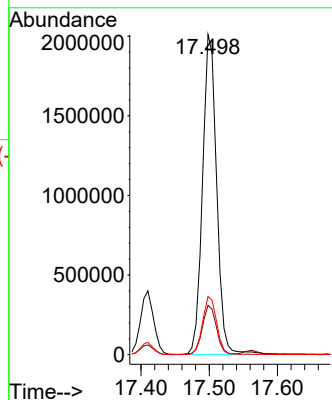
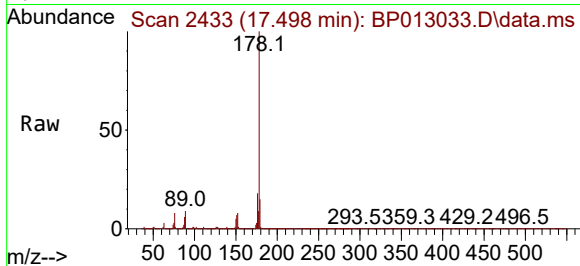




#74
 Anthracene
 Concen: 14.004 ng/ul
 RT: 17.498 min Scan# 2434
 Delta R.T. -0.012 min
 Lab File: BP013033.D
 Acq: 10 Dec 2022 11:10

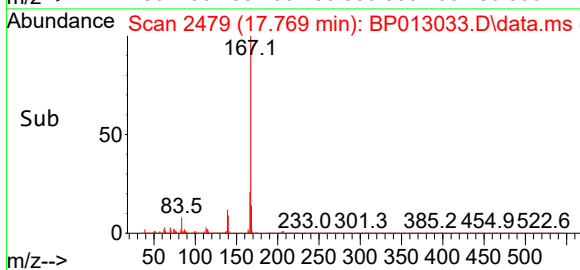
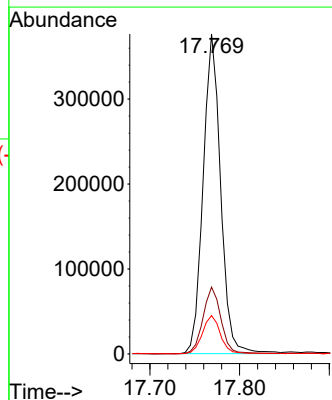
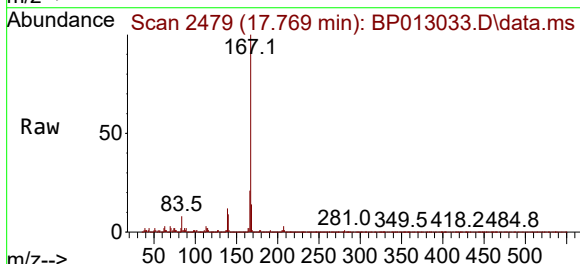
Instrument :
 BNA_P
 ClientSampleId :
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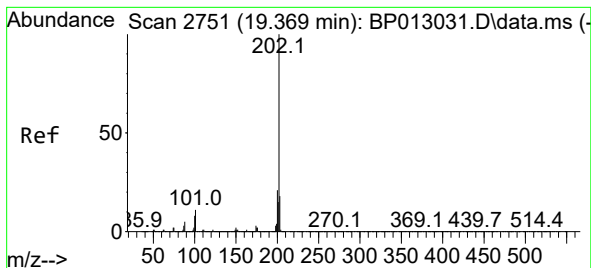
Tgt Ion:178 Resp: 2895291
 Ion Ratio Lower Upper
 178 100
 179 15.5 12.5 18.7
 176 18.1 14.8 22.2



#77
 Carbazole
 Concen: 2.926 ng/ul
 RT: 17.769 min Scan# 2479
 Delta R.T. -0.006 min
 Lab File: BP013033.D
 Acq: 10 Dec 2022 11:10

Tgt Ion:167 Resp: 509523
 Ion Ratio Lower Upper
 167 100
 166 20.9 17.2 25.8
 139 12.0 9.4 14.2





#80

Fluoranthene

Concen: 3.643 ng/ul

RT: 19.369 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP013033.D

Acq: 10 Dec 2022 11:10

Instrument :

BNA_P

ClientSampleId :

DBXN8DL

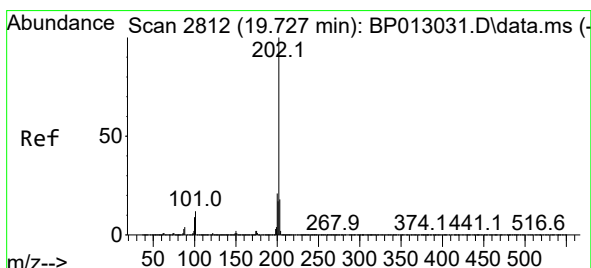
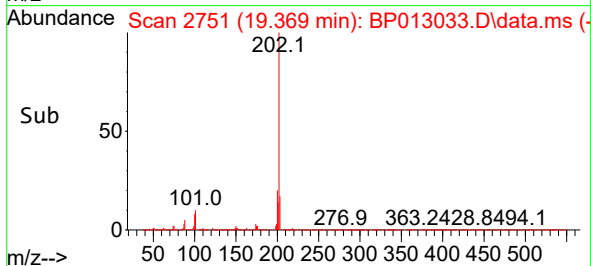
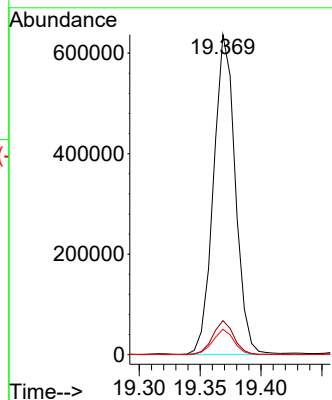
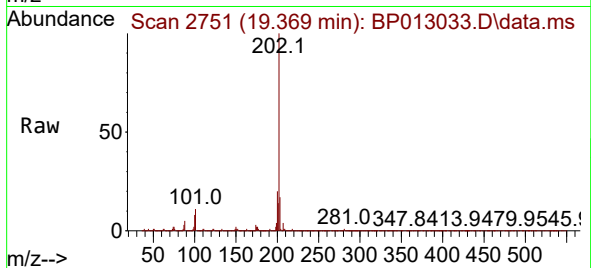
Tgt Ion:202 Resp: 790546

Ion Ratio Lower Upper

202 100

101 10.7 8.2 12.2

100 7.9 6.1 9.1



#82

Pyrene

Concen: 2.851 ng/ul

RT: 19.722 min Scan# 2811

Delta R.T. -0.006 min

Lab File: BP013033.D

Acq: 10 Dec 2022 11:10

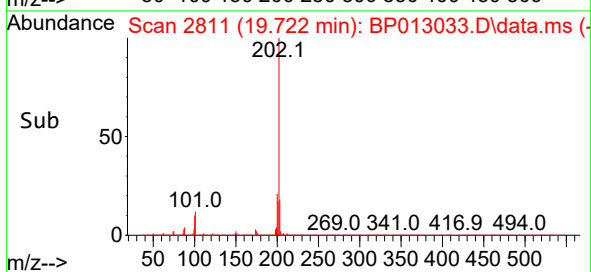
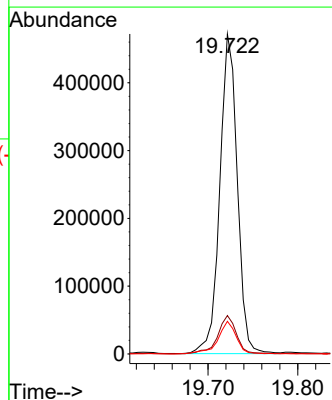
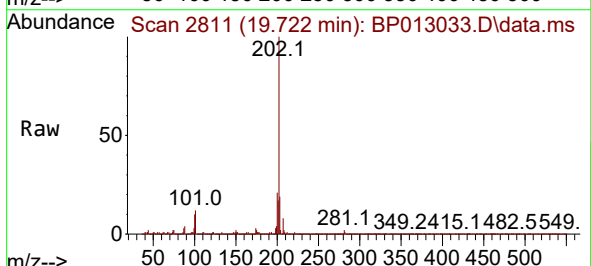
Tgt Ion:202 Resp: 638148

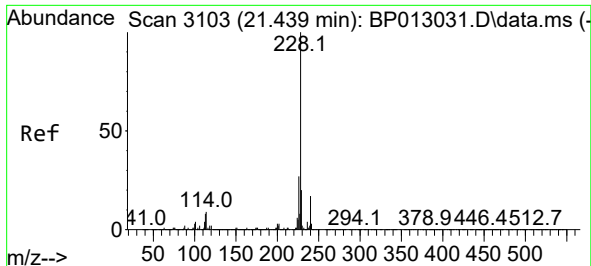
Ion Ratio Lower Upper

202 100

101 12.0 9.4 14.2

100 10.2 7.8 11.8

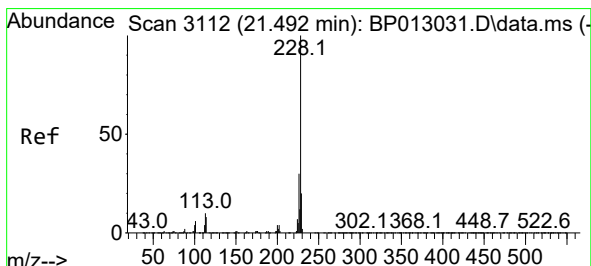
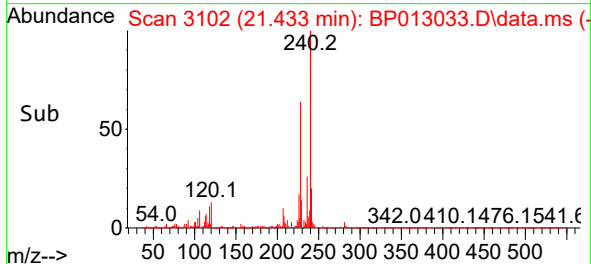
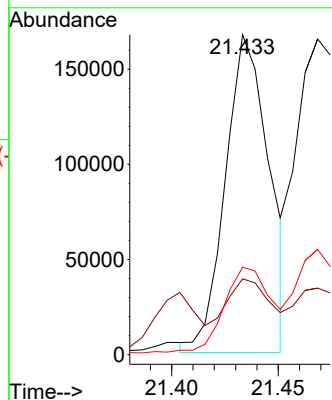
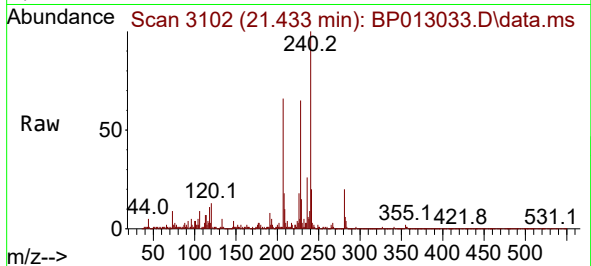




#85
Benzo(a)anthracene
Concen: 1.081 ng/ul
RT: 21.433 min Scan# 3103
Delta R.T. -0.006 min
Lab File: BP013033.D
Acq: 10 Dec 2022 11:10

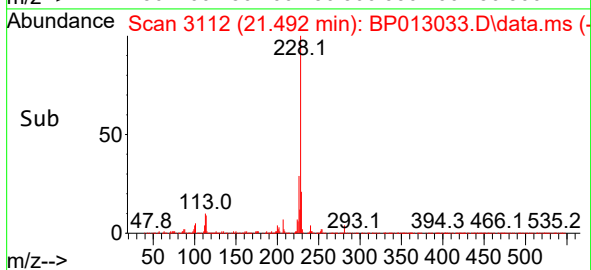
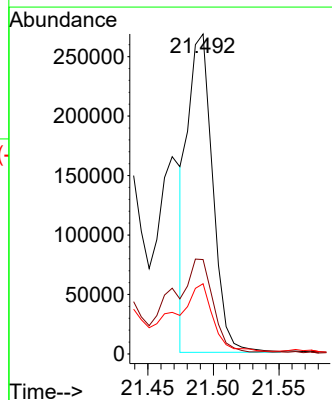
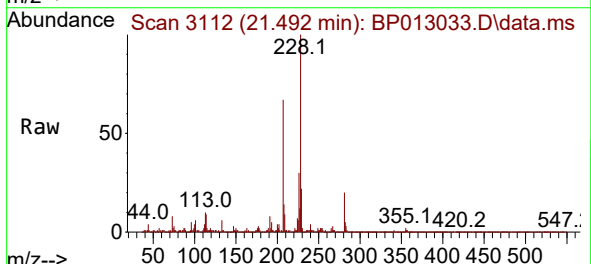
Instrument :
BNA_P
ClientSampleId :
DBXN8DL

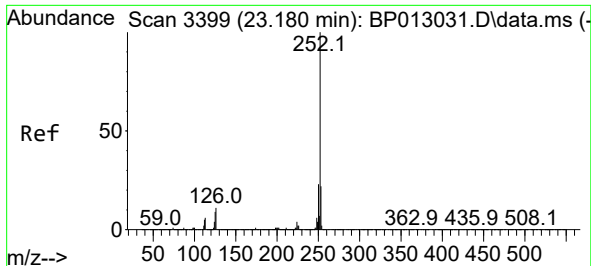
Tgt Ion:228 Resp: 239025
Ion Ratio Lower Upper
228 100
229 23.7 16.1 24.1
226 27.4 22.0 33.0



#87
Chrysene
Concen: 1.683 ng/ul
RT: 21.492 min Scan# 3112
Delta R.T. -0.006 min
Lab File: BP013033.D
Acq: 10 Dec 2022 11:10

Tgt Ion:228 Resp: 352018
Ion Ratio Lower Upper
228 100
226 29.5 24.5 36.7
229 21.9 16.0 24.0

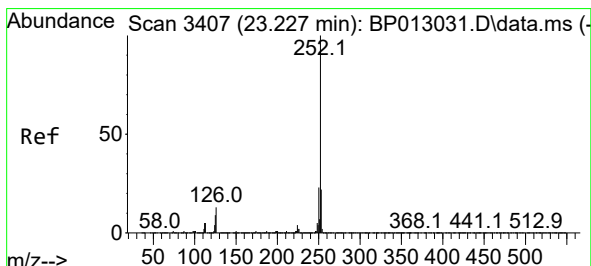
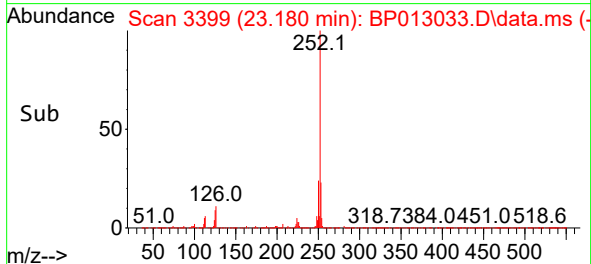
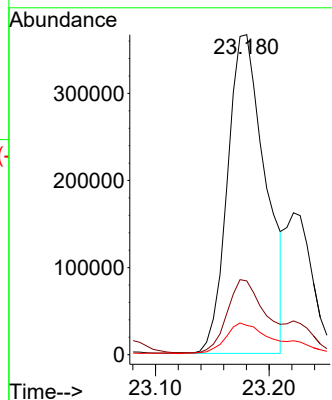
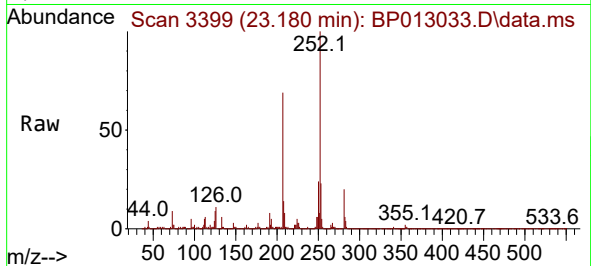




#90
Benzo(b)fluoranthene
Concen: 4.326 ng/ul
RT: 23.180 min Scan# 31
Delta R.T. -0.006 min
Lab File: BP013033.D
Acq: 10 Dec 2022 11:10

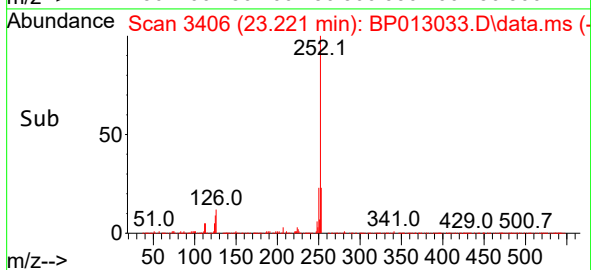
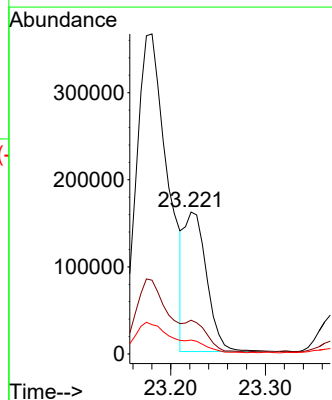
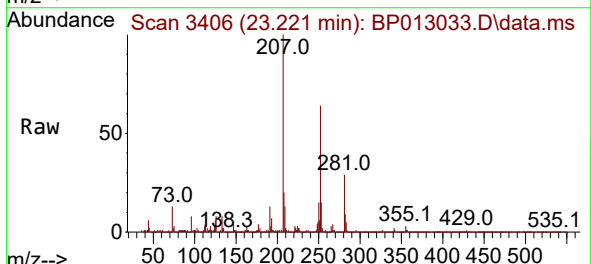
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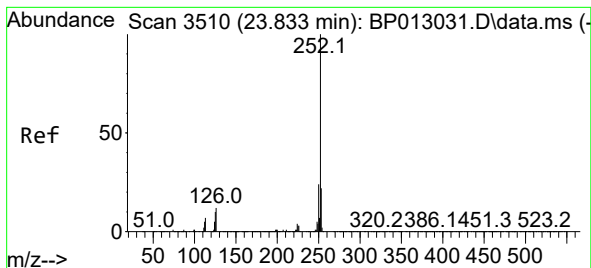
Tgt Ion:252 Resp: 849812
Ion Ratio Lower Upper
252 100
253 23.1 17.7 26.5
125 9.2 6.8 10.2



#91
Benzo(k)fluoranthene
Concen: 1.343 ng/ul
RT: 23.221 min Scan# 3406
Delta R.T. -0.012 min
Lab File: BP013033.D
Acq: 10 Dec 2022 11:10

Tgt Ion:252 Resp: 261609
Ion Ratio Lower Upper
252 100
253 23.8 17.7 26.5
125 9.8 6.8 10.2





#93

Benzo(a)pyrene

Concen: 1.912 ng/ul

RT: 23.827 min Scan# 3

Delta R.T. -0.012 min

Lab File: BP013033.D

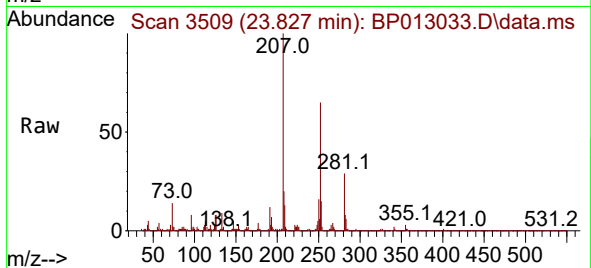
Acq: 10 Dec 2022 11:10

Instrument :

BNA_P

ClientSampleId :

DBXN8DL



Tgt Ion:252 Resp: 327054

Ion Ratio Lower Upper

252 100

253 22.8 17.5 26.3

125 11.6 7.5 11.3#

