

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP102022\
 Data File : BP012256.D
 Acq On : 21 Oct 2022 21:15
 Operator : CG/JU
 Sample : N5064-19
 Misc :
 ALS Vial : 51 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :

Quant Time: Oct 21 22:35:03 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP101922.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Oct 20 00:51:41 2022
 Response via : Initial Calibration

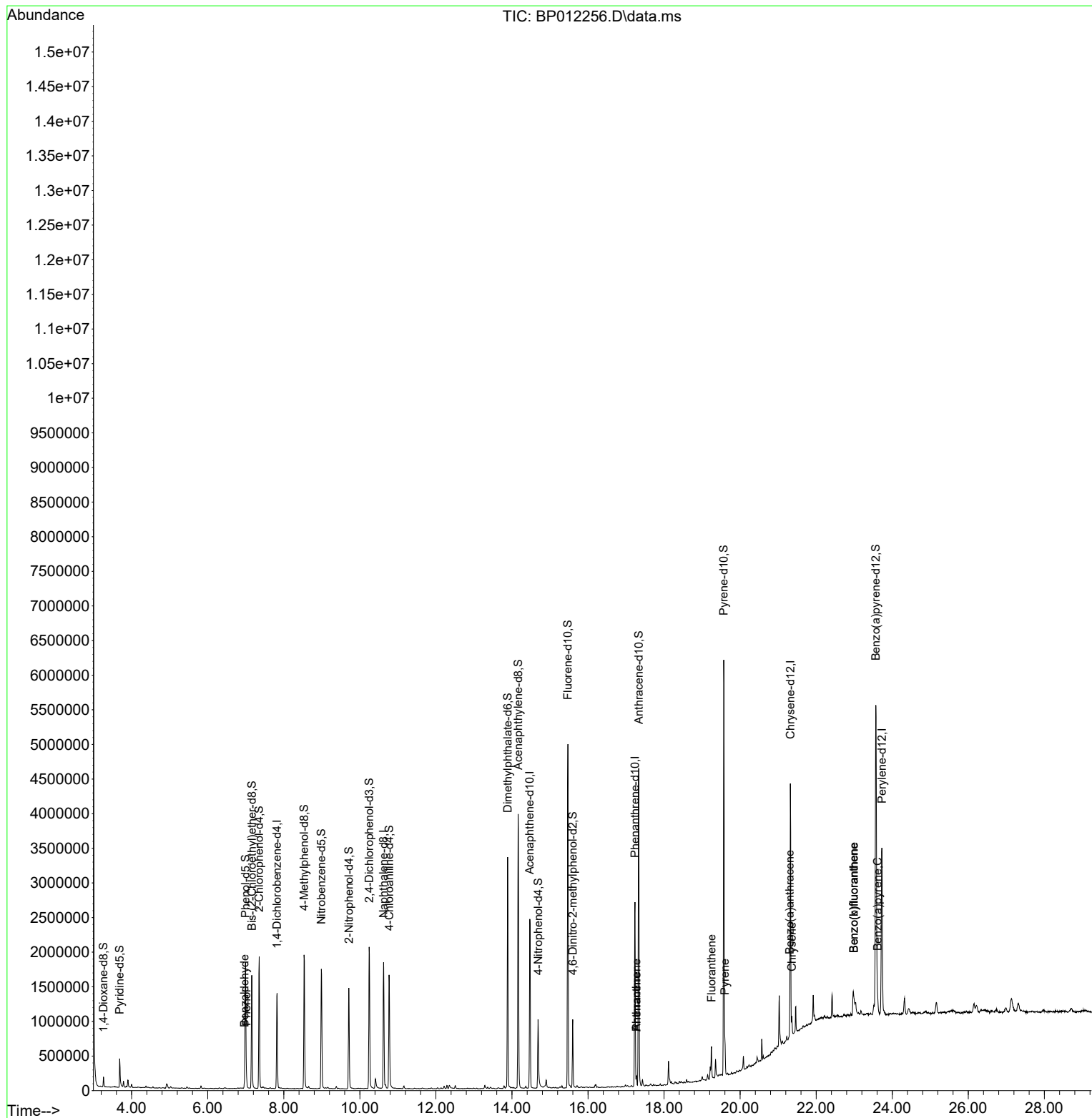
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.822	152	393830	20.000	ng/ul	0.00
20) Naphthalene-d8	10.622	136	1572698	20.000	ng/ul	-0.01
38) Acenaphthene-d10	14.469	164	860455	20.000	ng/ul	-0.01
64) Phenanthrene-d10	17.234	188	1599455	20.000	ng/ul	0.00
79) Chrysene-d12	21.322	240	1650050	20.000	ng/ul	-0.01
88) Perylene-d12	23.727	264	1818341	20.000	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.258	96	65769	6.758	ng/uL	0.00
4) Pyridine-d5	3.681	84	234251	8.354	ng/ul	0.00
7) Phenol-d5	6.993	99	1117441	32.866	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.158	67	718218	34.832	ng/ul	0.00
11) 2-Chlorophenol-d4	7.352	132	924462	35.721	ng/ul	0.00
15) 4-Methylphenol-d8	8.534	113	791128	29.939	ng/ul	-0.01
21) Nitrobenzene-d5	8.987	128	464102	39.867	ng/ul	-0.01
24) 2-Nitrophenol-d4	9.711	143	513325	40.870	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.246	165	813612	34.535	ng/ul	-0.01
31) 4-Chloroaniline-d4	10.769	131	971046	29.010	ng/ul	-0.01
46) Dimethylphthalate-d6	13.887	166	2285131	38.178	ng/ul	0.00
49) Acenaphthylene-d8	14.163	160	2657868	38.903	ng/ul	-0.01
54) 4-Nitrophenol-d4	14.687	143	301563	26.893	ng/ul	0.00
60) Fluorene-d10	15.469	176	1925516	37.394	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.598	200	219210	24.091	ng/ul	0.00
73) Anthracene-d10	17.334	188	2667541	38.049	ng/ul	0.00
81) Pyrene-d10	19.569	212	3112701	33.133	ng/ul	-0.01
92) Benzo(a)pyrene-d12	23.569	264	3498000	38.361	ng/ul	-0.02
Target Compounds						
					Qvalue	
6) Benzaldehyde	6.969	77	35196	2.202	ng/ul	95
8) Phenol	7.017	94	64978	1.827	ng/ul#	88
72) Phenanthrene	17.275	178	93037	1.082	ng/ul	97
74) Anthracene	17.275	178	93730	1.102	ng/ul	98
80) Fluoranthene	19.245	202	233045	2.007	ng/ul	96
82) Pyrene	19.598	202	214881	1.809	ng/ul	95
85) Benzo(a)anthracene	21.304	228	135870	1.263	ng/ul	99
87) Chrysene	21.357	228	147935	1.474	ng/ul	98
90) Benzo(b)fluoranthene	22.992	252	206528	1.704	ng/ul	96
91) Benzo(k)fluoranthene	22.992	252	206528	1.729	ng/ul	97
93) Benzo(a)pyrene	23.616	252	135523	1.308	ng/ul	97

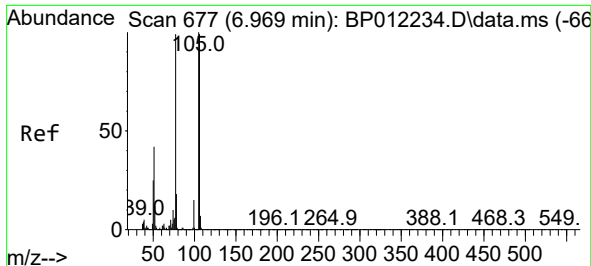
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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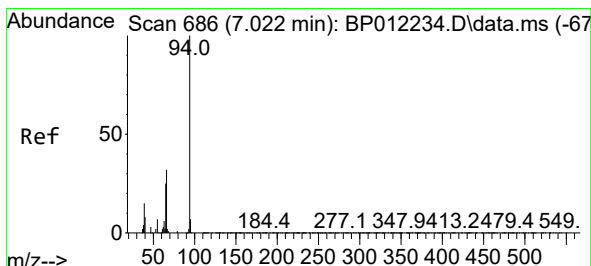
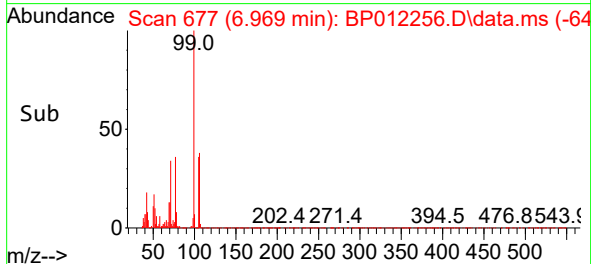
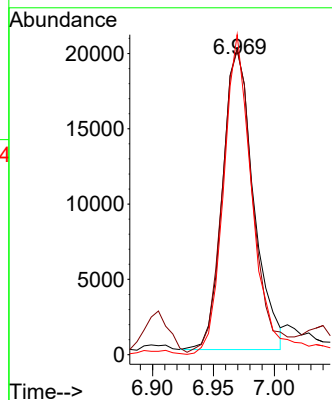
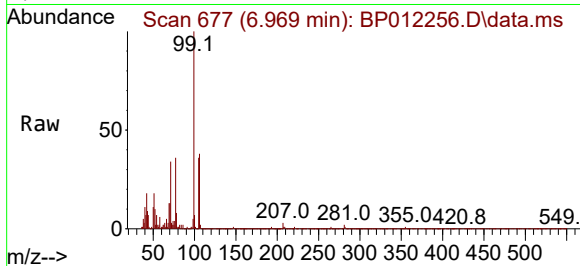




#6
Benzaldehyde
Concen: 2.202 ng/ul
RT: 6.969 min Scan# 61
Delta R.T. 0.000 min
Lab File: BP012256.D
Acq: 21 Oct 2022 21:15

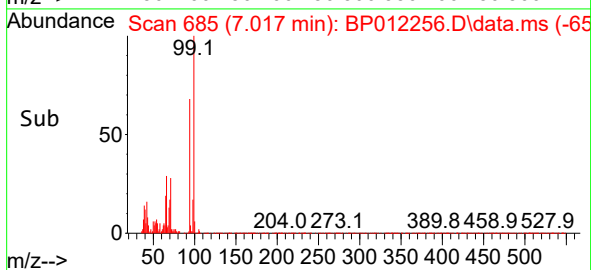
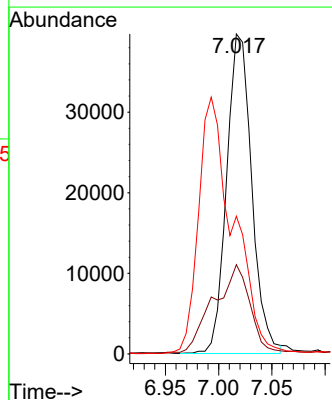
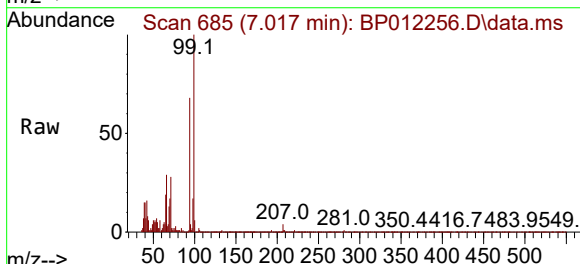
Instrument :
BNA_P
ClientSampleId :

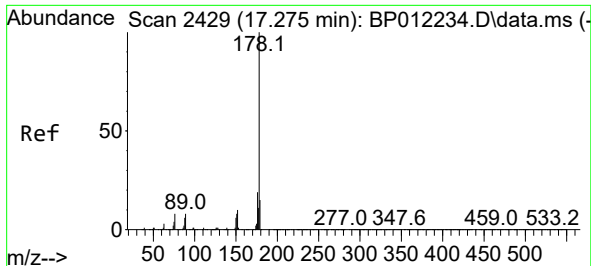
Tgt Ion: 77 Resp: 35196
Ion Ratio Lower Upper
77 100
105 99.4 79.0 118.6
106 104.6 76.4 114.6



#8
Phenol
Concen: 1.827 ng/ul
RT: 7.017 min Scan# 685
Delta R.T. -0.006 min
Lab File: BP012256.D
Acq: 21 Oct 2022 21:15

Tgt Ion: 94 Resp: 64978
Ion Ratio Lower Upper
94 100
65 27.9 20.6 31.0
66 43.0 26.2 39.4#

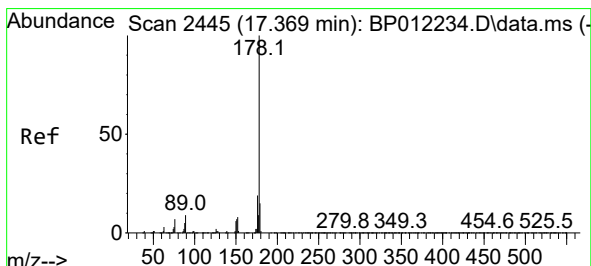
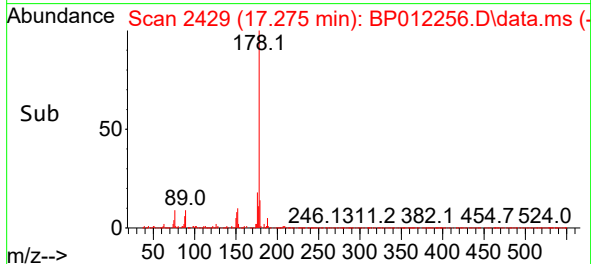
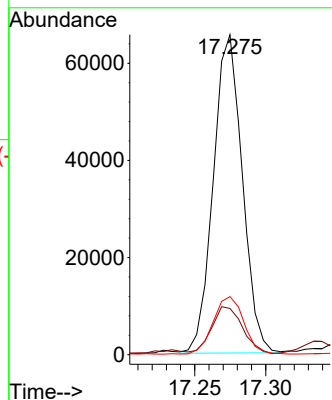
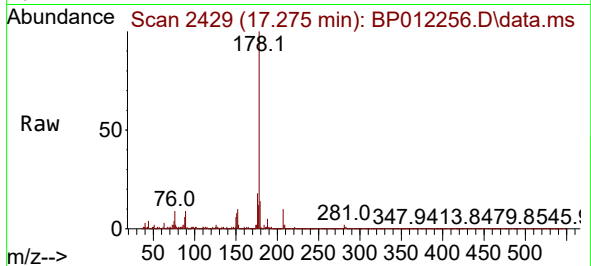




#72
Phenanthrene
Concen: 1.082 ng/ul
RT: 17.275 min Scan# 2429
Delta R.T. -0.006 min
Lab File: BP012256.D
Acq: 21 Oct 2022 21:15

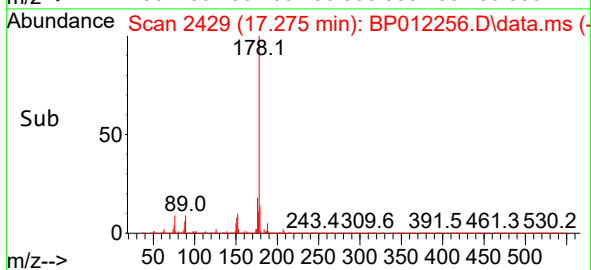
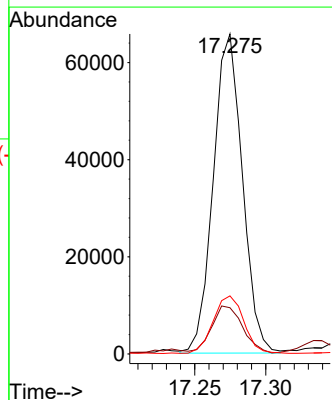
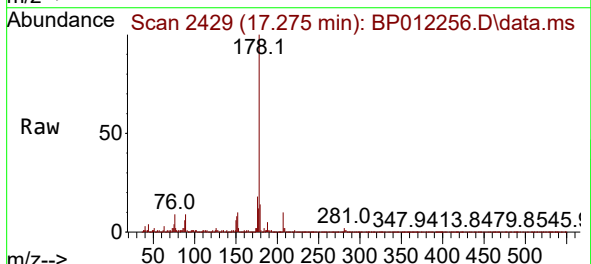
Instrument :
BNA_P
ClientSampleId :

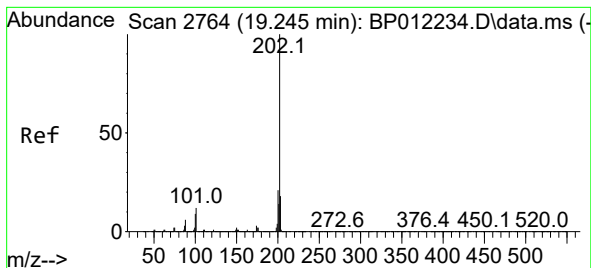
Tgt Ion:178 Resp: 93037
Ion Ratio Lower Upper
178 100
179 14.5 12.6 18.8
176 18.1 15.6 23.4



#74
Anthracene
Concen: 1.102 ng/ul
RT: 17.275 min Scan# 2429
Delta R.T. -0.100 min
Lab File: BP012256.D
Acq: 21 Oct 2022 21:15

Tgt Ion:178 Resp: 93730
Ion Ratio Lower Upper
178 100
179 14.5 12.3 18.5
176 18.1 15.0 22.4





#80

Fluoranthene

Concen: 2.007 ng/ul

RT: 19.245 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP012256.D

Acq: 21 Oct 2022 21:15

Instrument :

BNA_P

ClientSampleId :

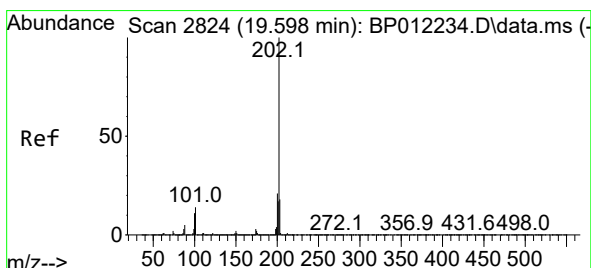
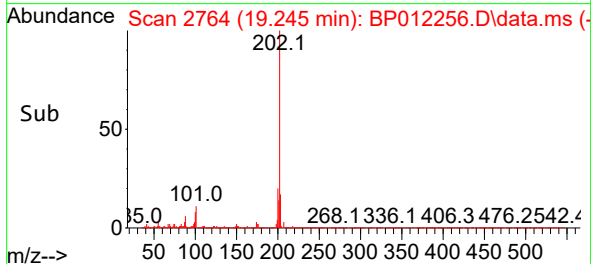
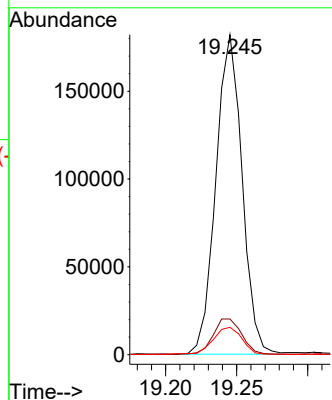
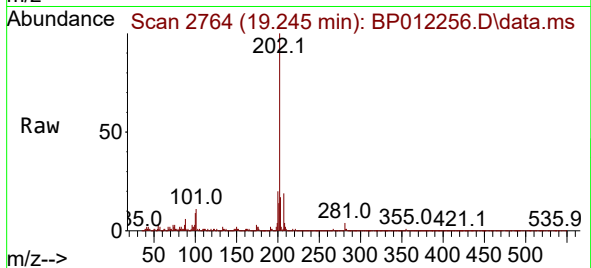
Tgt Ion:202 Resp: 233045

Ion Ratio Lower Upper

202 100

101 11.1 10.4 15.6

100 8.6 7.7 11.5



#82

Pyrene

Concen: 1.809 ng/ul

RT: 19.598 min Scan# 2824

Delta R.T. -0.006 min

Lab File: BP012256.D

Acq: 21 Oct 2022 21:15

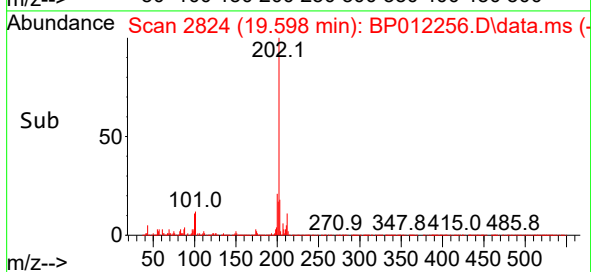
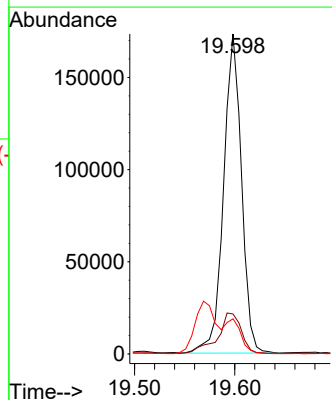
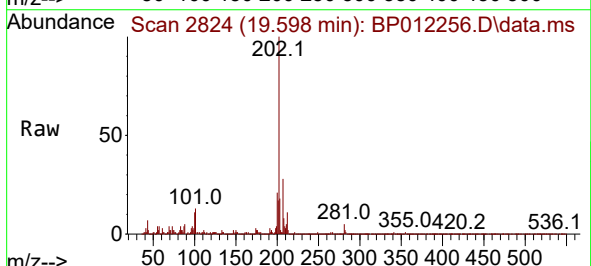
Tgt Ion:202 Resp: 214881

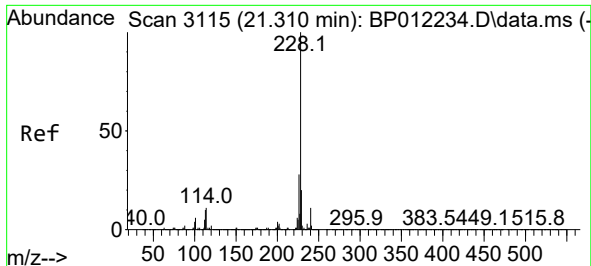
Ion Ratio Lower Upper

202 100

101 12.5 12.3 18.5

100 11.0 10.0 15.0

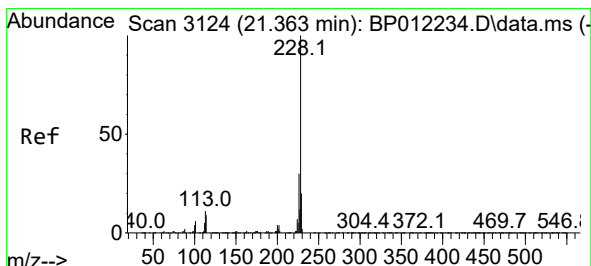
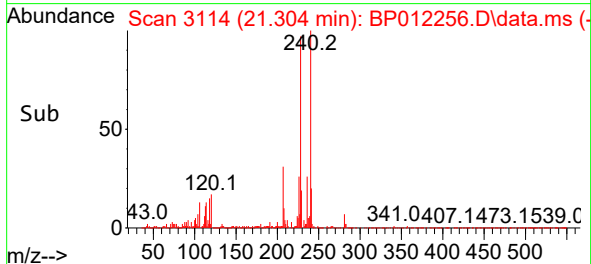
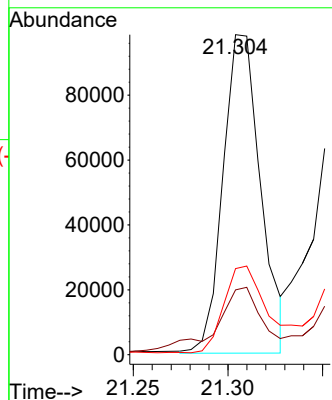
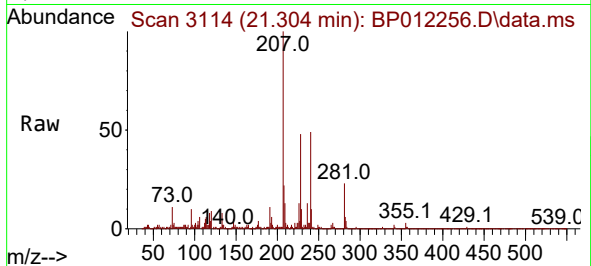




#85
Benzo(a)anthracene
Concen: 1.263 ng/ul
RT: 21.304 min Scan# 3114
Delta R.T. -0.012 min
Lab File: BP012256.D
Acq: 21 Oct 2022 21:15

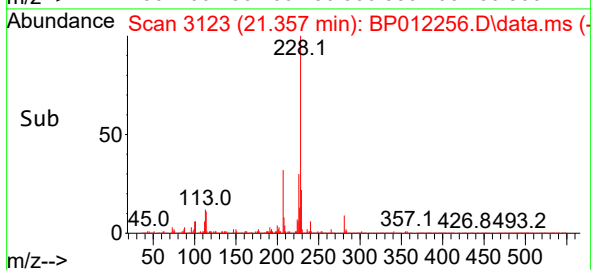
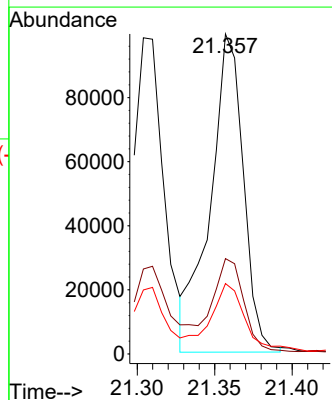
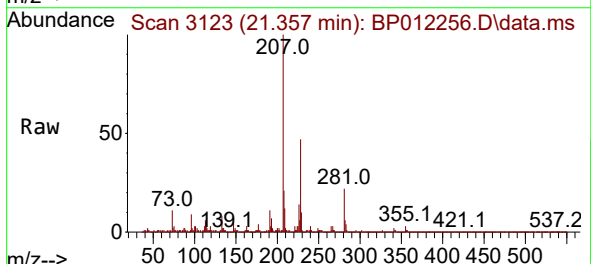
Instrument :
BNA_P
ClientSampleId :

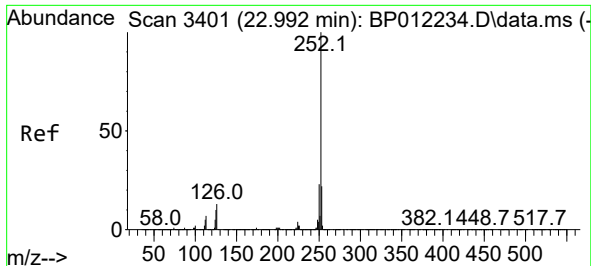
Tgt Ion:228 Resp: 135870
Ion Ratio Lower Upper
228 100
229 20.3 16.1 24.1
226 26.9 21.9 32.9



#87
Chrysene
Concen: 1.474 ng/ul
RT: 21.357 min Scan# 3123
Delta R.T. -0.012 min
Lab File: BP012256.D
Acq: 21 Oct 2022 21:15

Tgt Ion:228 Resp: 147935
Ion Ratio Lower Upper
228 100
226 29.8 24.2 36.4
229 22.0 15.8 23.8

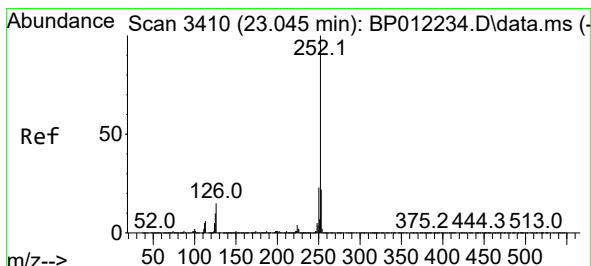
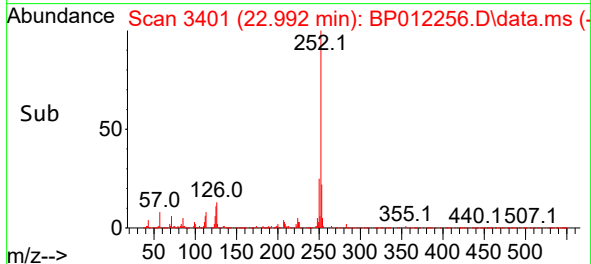
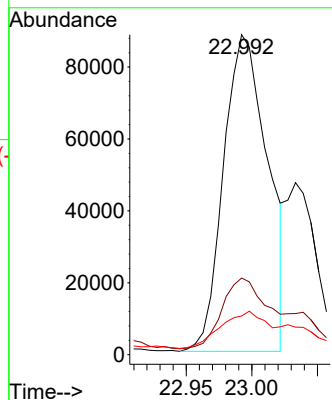
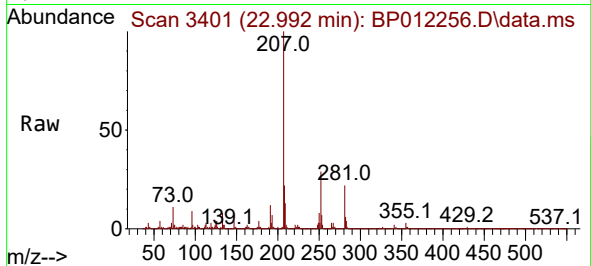




#90
Benzo(b)fluoranthene
Concen: 1.704 ng/ul
RT: 22.992 min Scan# 3401
Delta R.T. -0.012 min
Lab File: BP012256.D
Acq: 21 Oct 2022 21:15

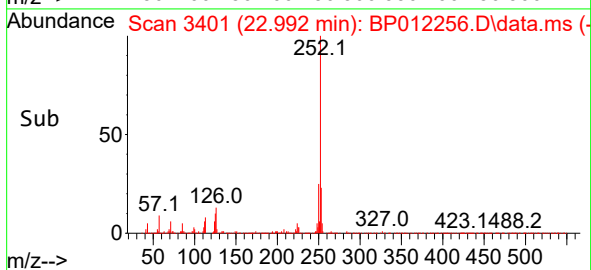
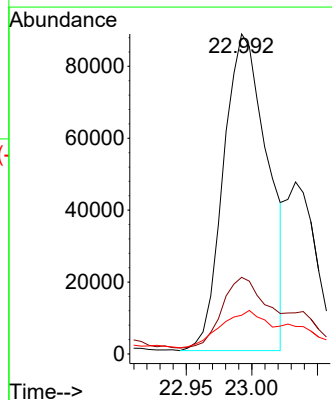
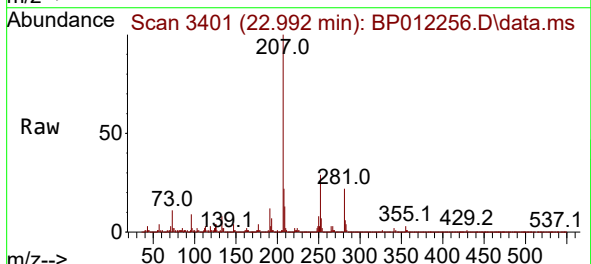
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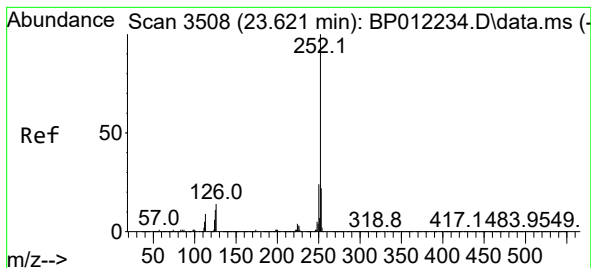
Tgt Ion:252 Resp: 206528
Ion Ratio Lower Upper
252 100
253 23.9 17.5 26.3
125 12.1 8.5 12.7



#91
Benzo(k)fluoranthene
Concen: 1.729 ng/ul
RT: 22.992 min Scan# 3401
Delta R.T. -0.059 min
Lab File: BP012256.D
Acq: 21 Oct 2022 21:15

Tgt Ion:252 Resp: 206528
Ion Ratio Lower Upper
252 100
253 23.9 17.9 26.9
125 12.1 8.6 13.0





#93

Benzo(a)pyrene

Concen: 1.308 ng/ul

RT: 23.616 min Scan# 3

Delta R.T. -0.017 min

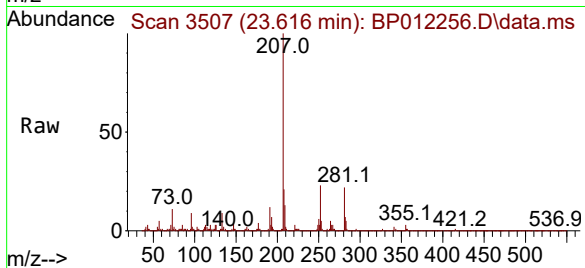
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Acq: 21 Oct 2022 21:15

Instrument :

BNA_P

ClientSampleId :



Tgt Ion:252 Resp: 135523

Ion Ratio Lower Upper

252 100

253 23.3 17.8 26.6

125 14.0 9.7 14.5

