

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062323\
 Data File : BP015708.D
 Acq On : 24 Jun 2023 12:54
 Operator : MA/JU
 Sample : 03085-16
 Misc :
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 DCFP7

Quant Time: Jun 24 22:18:48 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP060723.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Jun 22 22:01:49 2023
 Response via : Initial Calibration

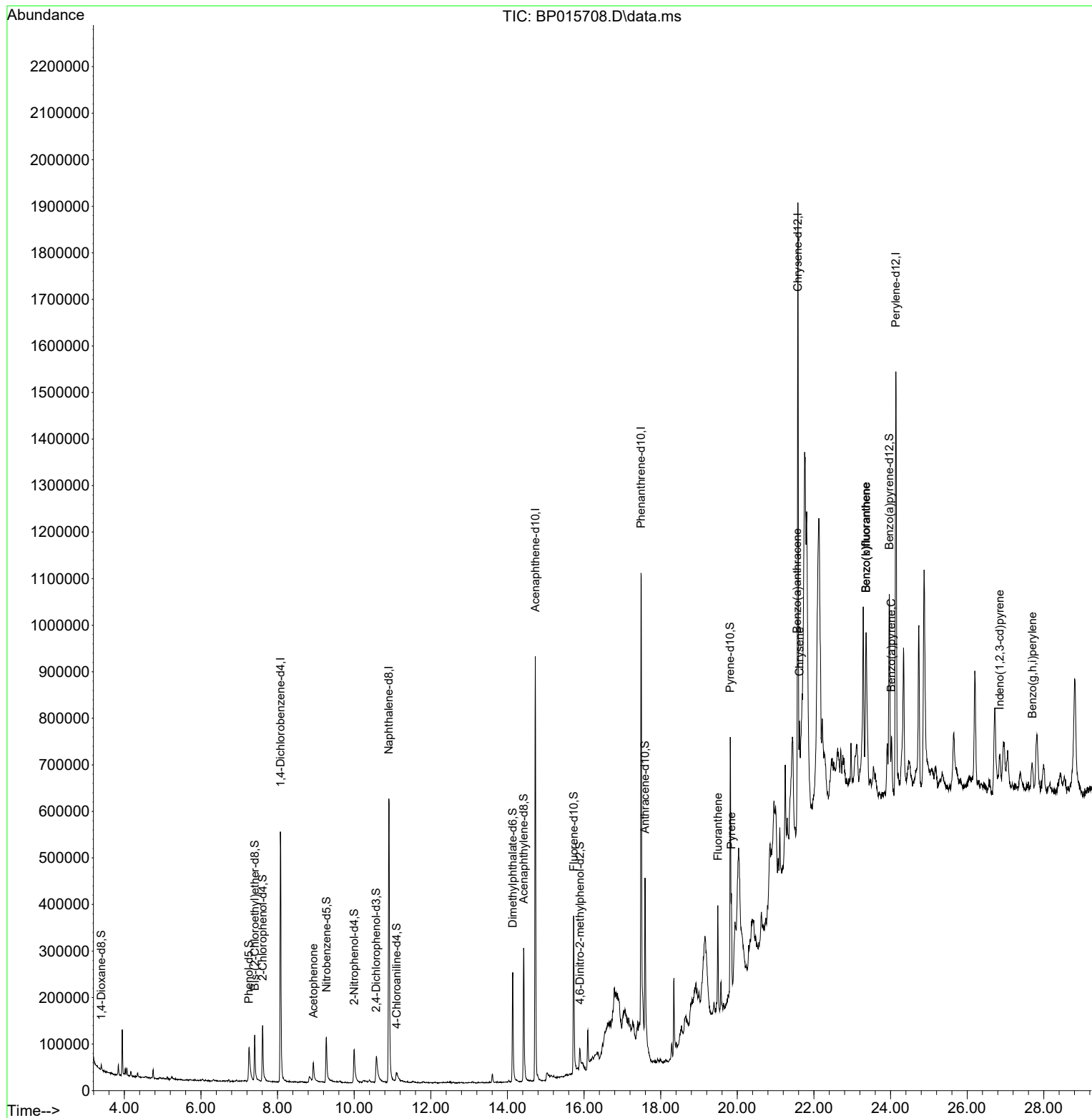
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.075	152	149316	20.000	ng/ul	0.00
20) Naphthalene-d8	10.904	136	560688	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.728	164	312260	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.486	188	616729	20.000	ng/ul	0.00
79) Chrysene-d12	21.580	240	641419	20.000	ng/ul	0.00
88) Perylene-d12	24.139	264	785922	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.399	96	4980	1.235	ng/uL	0.00
4) Pyridine-d5	3.828	84	1138	0.109	ng/ul	-0.01
7) Phenol-d5	7.252	99	58899	4.282	ng/ul	0.01
9) Bis-(2-Chloroethyl)eth...	7.405	67	52008	6.331	ng/ul	0.00
11) 2-Chlorophenol-d4	7.611	132	60525	6.069	ng/ul	0.00
15) 4-Methylphenol-d8	8.787	113	6	0.001	ng/ul	-0.02
21) Nitrobenzene-d5	9.275	128	28257	6.419	ng/ul	0.02
24) 2-Nitrophenol-d4	9.999	143	31774	6.321	ng/ul	0.01
28) 2,4-Dichlorophenol-d3	10.575	165	41273	4.501	ng/ul	0.04
31) 4-Chloroaniline-d4	11.110	131	16938	1.287	ng/ul	0.06
46) Dimethylphthalate-d6	14.140	166	180897	7.346	ng/ul	0.00
49) Acenaphthylene-d8	14.422	160	195712	7.269	ng/ul	0.00
54) 4-Nitrophenol-d4	14.963	143	54	0.012	ng/ul	0.01
60) Fluorene-d10	15.728	176	148870	7.169	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.892	200	13260	3.394	ng/ul	0.03
73) Anthracene-d10	17.592	188	213235	7.599	ng/ul	0.00
81) Pyrene-d10	19.816	212	282651	8.233	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.968	264	304134	7.712	ng/ul	0.00
Target Compounds						
					Qvalue	
16) Acetophenone	8.934	105	29479	1.636	ng/ul	98
80) Fluoranthene	19.492	202	131720	3.150	ng/ul	99
82) Pyrene	19.845	202	120032	2.774	ng/ul	99
85) Benzo(a)anthracene	21.563	228	88849	1.981	ng/ul	98
87) Chrysene	21.622	228	91076	2.149	ng/ul	96
90) Benzo(b)fluoranthene	23.357	252	171909	3.389	ng/ul#	89
91) Benzo(k)fluoranthene	23.357	252	171909	3.505	ng/ul#	90
93) Benzo(a)pyrene	24.021	252	101739	2.300	ng/ul#	94
94) Indeno(1,2,3-cd)pyrene	26.851	276	90921	1.588	ng/ul	96
96) Benzo(g,h,i)perylene	27.698	276	91122	1.932	ng/ul#	94

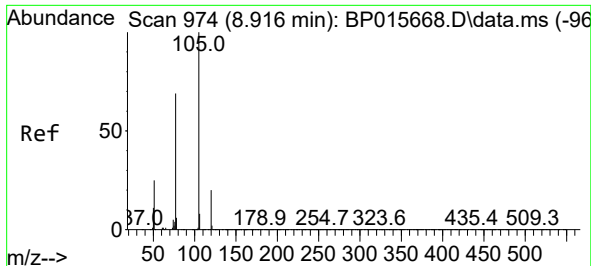
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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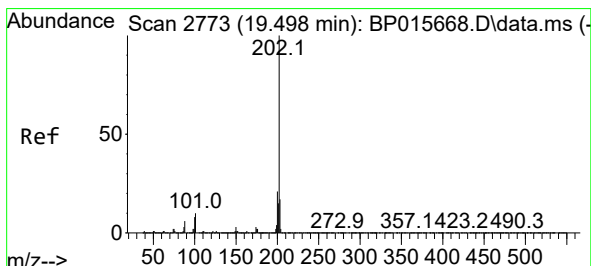
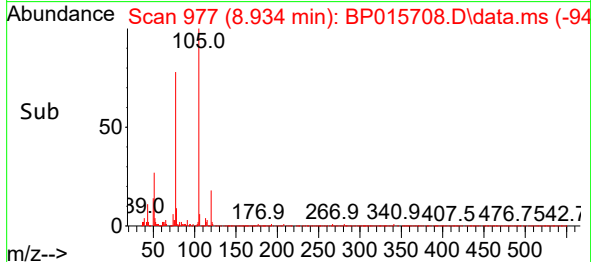
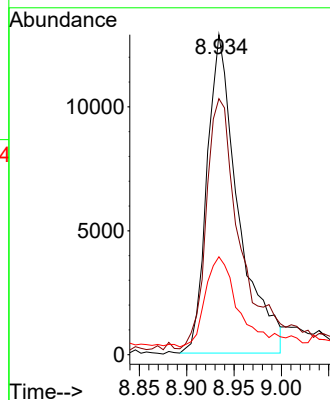
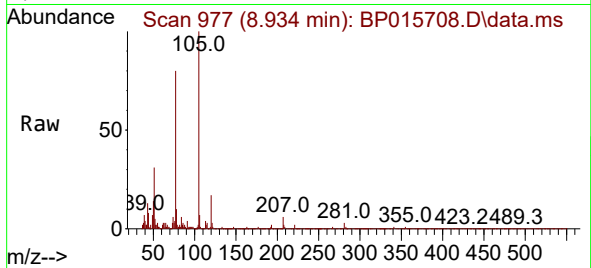




#16
Acetophenone
Concen: 1.636 ng/ul
RT: 8.934 min Scan# 91
Delta R.T. 0.018 min
Lab File: BP015708.D
Acq: 24 Jun 2023 12:54

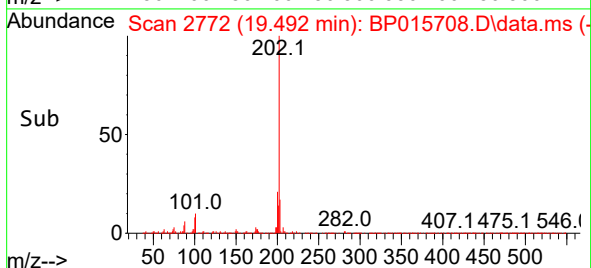
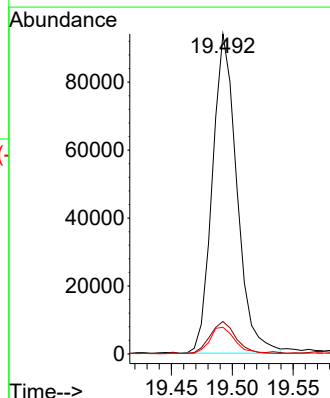
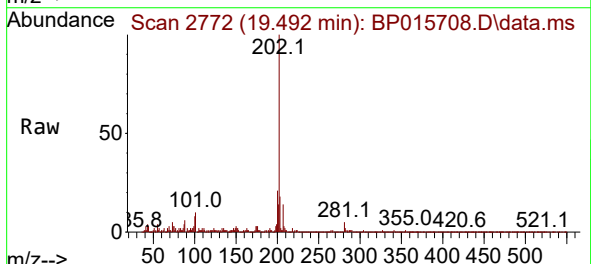
Instrument :
BNA_P
ClientSampleId :
DCFP7

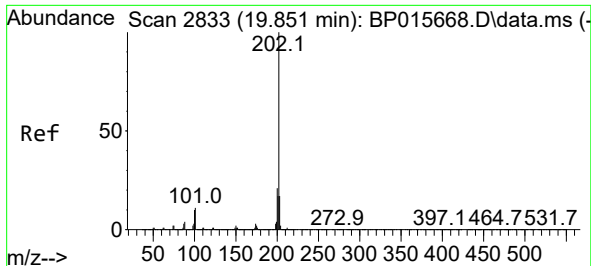
Tgt Ion:105 Resp: 29479
Ion Ratio Lower Upper
105 100
77 80.0 64.9 97.3
51 30.6 23.5 35.3



#80
Fluoranthene
Concen: 3.150 ng/ul
RT: 19.492 min Scan# 2772
Delta R.T. 0.000 min
Lab File: BP015708.D
Acq: 24 Jun 2023 12:54

Tgt Ion:202 Resp: 131720
Ion Ratio Lower Upper
202 100
101 10.1 8.6 13.0
100 8.4 6.6 9.8

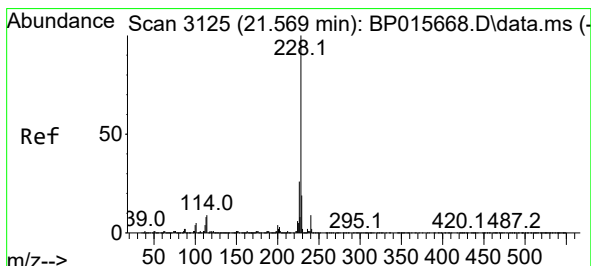
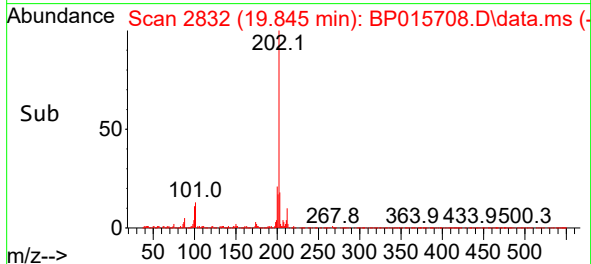
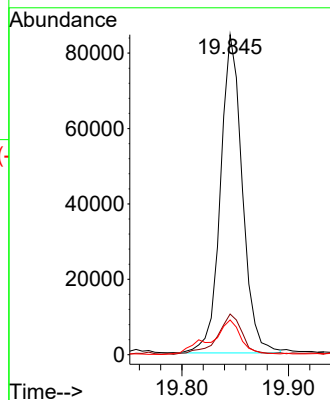
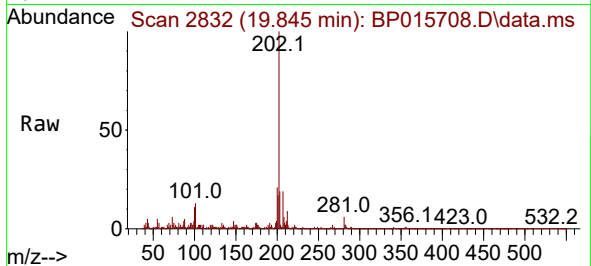




#82
 Pyrene
 Concen: 2.774 ng/ul
 RT: 19.845 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BP015708.D
 Acq: 24 Jun 2023 12:54

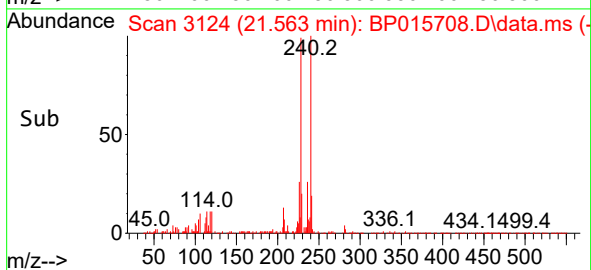
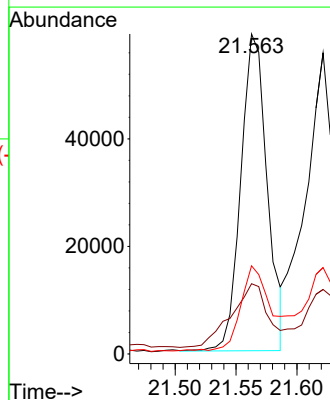
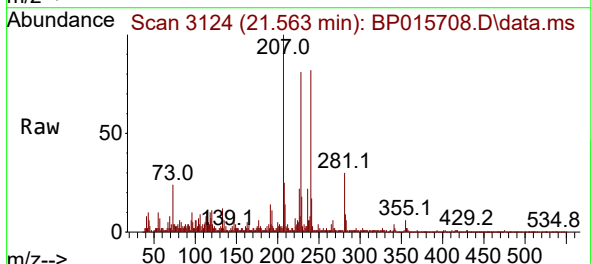
Instrument :
 BNA_P
 ClientSampleId :
 DCFP7

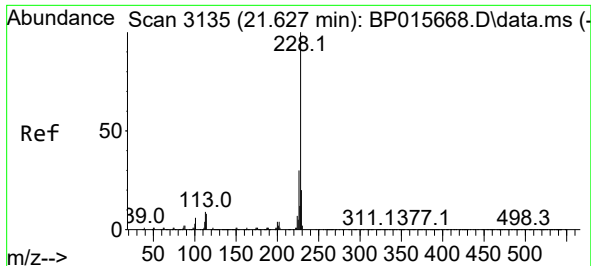
Tgt Ion:202 Resp: 120032
 Ion Ratio Lower Upper
 202 100
 101 12.7 9.9 14.9
 100 10.9 8.4 12.6



#85
 Benzo(a)anthracene
 Concen: 1.981 ng/ul
 RT: 21.563 min Scan# 3124
 Delta R.T. 0.000 min
 Lab File: BP015708.D
 Acq: 24 Jun 2023 12:54

Tgt Ion:228 Resp: 88849
 Ion Ratio Lower Upper
 228 100
 229 21.9 15.8 23.6
 226 27.5 21.8 32.6

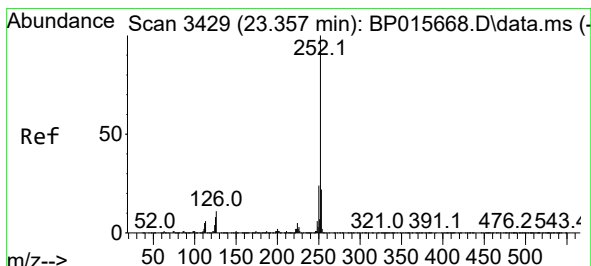
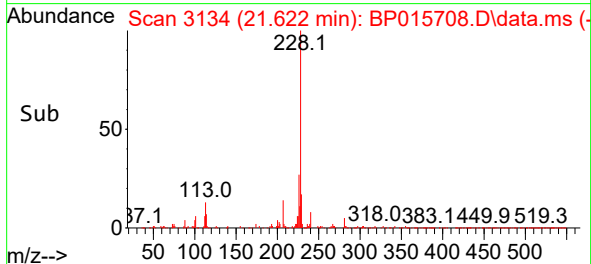
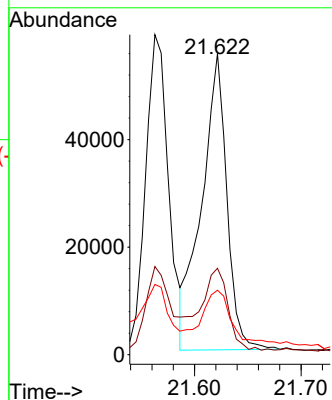
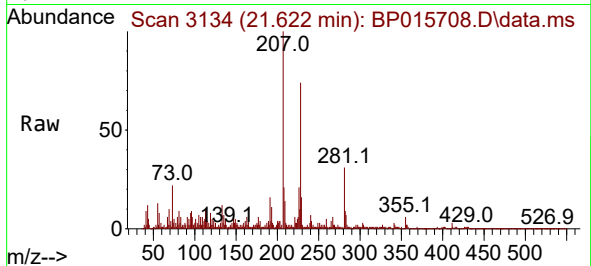




#87
Chrysene
Concen: 2.149 ng/ul
RT: 21.622 min Scan# 3135
Delta R.T. 0.000 min
Lab File: BP015708.D
Acq: 24 Jun 2023 12:54

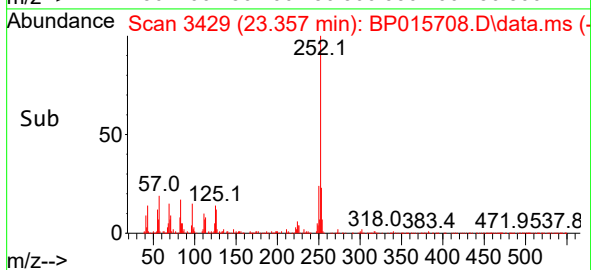
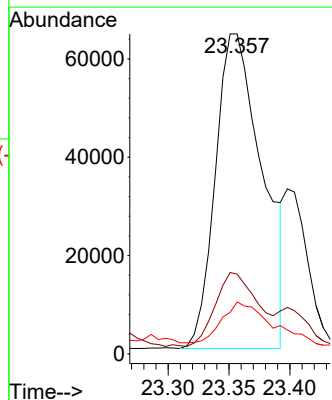
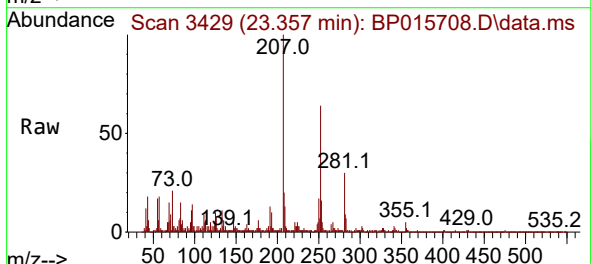
Instrument :
BNA_P
ClientSampleId :
DCFP7

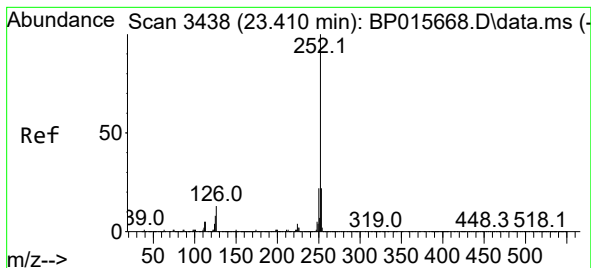
Tgt Ion:228 Resp: 91076
Ion Ratio Lower Upper
228 100
226 28.7 23.9 35.9
229 21.4 15.1 22.7



#90
Benzo(b)fluoranthene
Concen: 3.389 ng/ul
RT: 23.357 min Scan# 3429
Delta R.T. 0.012 min
Lab File: BP015708.D
Acq: 24 Jun 2023 12:54

Tgt Ion:252 Resp: 171909
Ion Ratio Lower Upper
252 100
253 25.0 17.4 26.2
125 16.2 7.3 10.9#





#91

Benzo(k)fluoranthene

Concen: 3.505 ng/ul

RT: 23.357 min Scan# 3438

Delta R.T. -0.041 min

Lab File: BP015708.D

Acq: 24 Jun 2023 12:54

Instrument :

BNA_P

ClientSampleId :

DCFP7

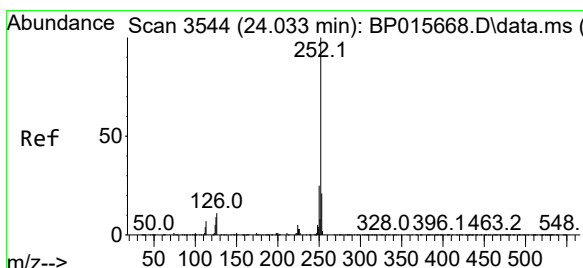
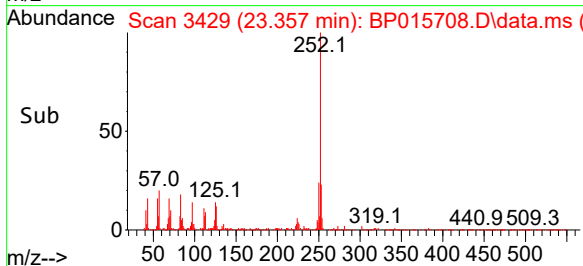
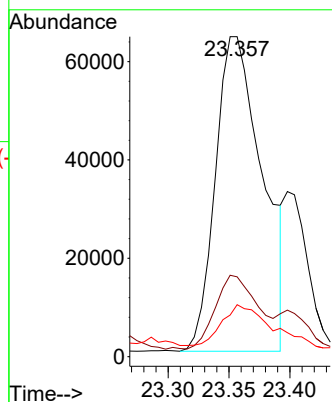
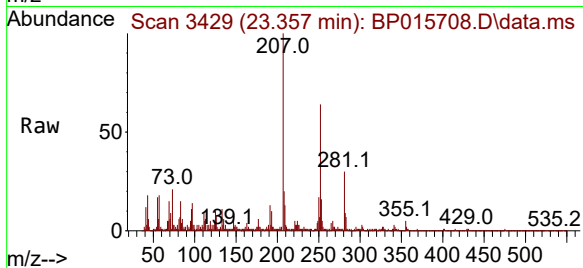
Tgt Ion:252 Resp: 171909

Ion Ratio Lower Upper

252 100

253 25.0 17.7 26.5

125 16.2 7.3 10.9#



#93

Benzo(a)pyrene

Concen: 2.300 ng/ul

RT: 24.021 min Scan# 3542

Delta R.T. 0.000 min

Lab File: BP015708.D

Acq: 24 Jun 2023 12:54

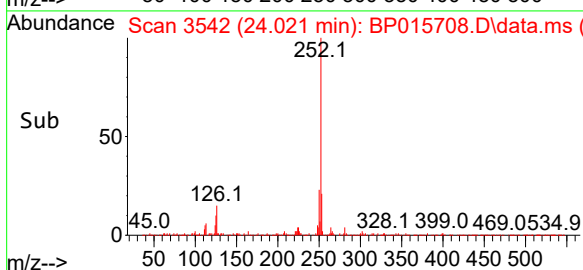
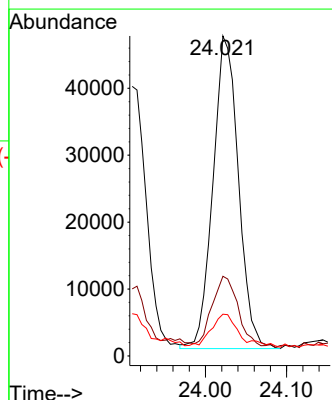
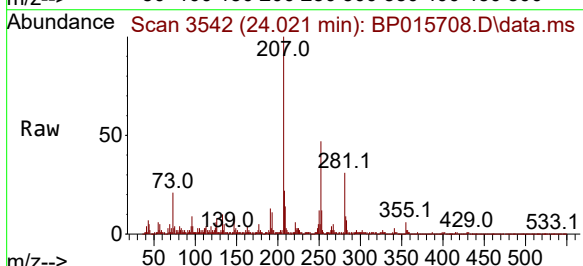
Tgt Ion:252 Resp: 101739

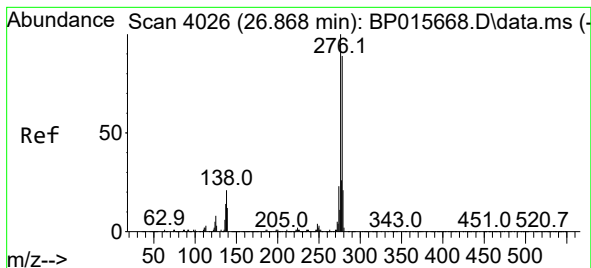
Ion Ratio Lower Upper

252 100

253 24.9 17.8 26.6

125 13.0 8.1 12.1#





#94

Indeno(1,2,3-cd)pyrene

Concen: 1.588 ng/ul

RT: 26.851 min Scan# 4026

Delta R.T. 0.012 min

Lab File: BP015708.D

Acq: 24 Jun 2023 12:54

Instrument :

BNA_P

ClientSampleId :

DCFP7

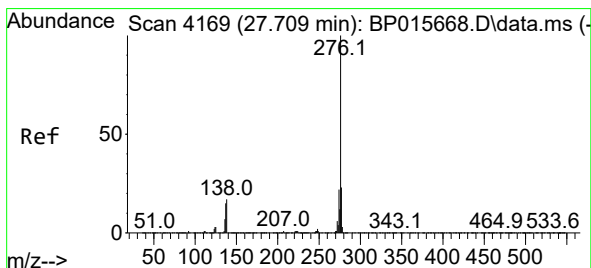
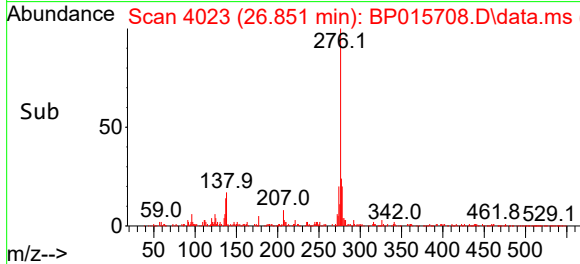
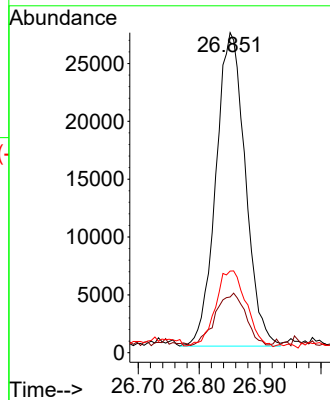
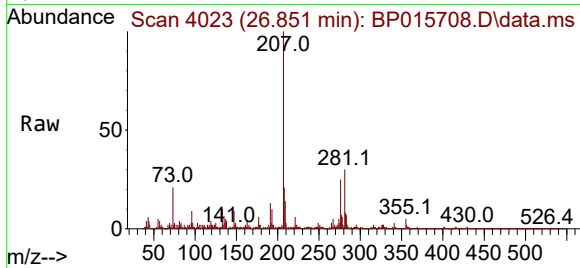
Tgt Ion:276 Resp: 90921

Ion Ratio Lower Upper

276 100

138 17.4 17.3 25.9

277 25.5 20.2 30.2



#96

Benzo(g,h,i)perylene

Concen: 1.932 ng/ul

RT: 27.698 min Scan# 4167

Delta R.T. 0.018 min

Lab File: BP015708.D

Acq: 24 Jun 2023 12:54

Tgt Ion:276 Resp: 91122

Ion Ratio Lower Upper

276 100

138 24.1 15.6 23.4#

277 24.7 19.0 28.6

