

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062223\
 Data File : BP015642.D
 Acq On : 22 Jun 2023 12:17
 Operator : MA/JU
 Sample : 03083-03
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 DCFK1

Quant Time: Jun 22 22:04:19 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

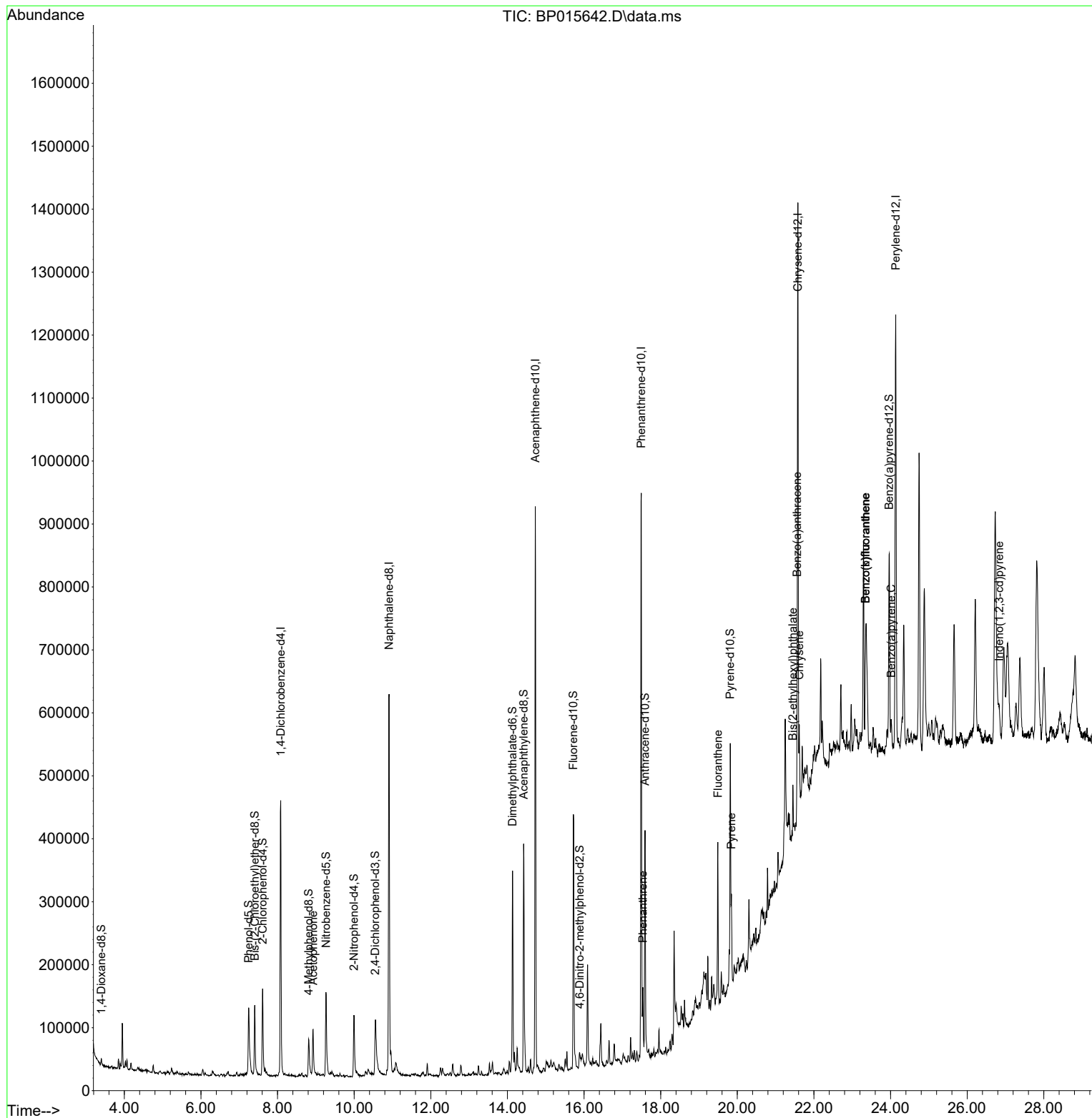
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.081	152	118827	20.000	ng/ul	0.00
20) Naphthalene-d8	10.910	136	503250	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.728	164	293740	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.492	188	535619	20.000	ng/ul	0.00
79) Chrysene-d12	21.580	240	441763	20.000	ng/ul	0.00
88) Perylene-d12	24.133	264	565884	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.399	96	4374	1.363	ng/uL	0.00
4) Pyridine-d5	3.846	84	221	0.027	ng/ul	0.00
7) Phenol-d5	7.246	99	73283	6.694	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.404	67	54420	8.324	ng/ul	0.00
11) 2-Chlorophenol-d4	7.610	132	66971	8.438	ng/ul	0.00
15) 4-Methylphenol-d8	8.810	113	30667	3.413	ng/ul	0.00
21) Nitrobenzene-d5	9.263	128	34263	8.672	ng/ul	0.00
24) 2-Nitrophenol-d4	9.993	143	33851	7.502	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.551	165	54299	6.597	ng/ul	0.02
31) 4-Chloroaniline-d4	11.087	131	8295	0.702	ng/ul	0.04
46) Dimethylphthalate-d6	14.134	166	213446	9.215	ng/ul	0.00
49) Acenaphthylene-d8	14.422	160	237015	9.358	ng/ul	0.00
54) 4-Nitrophenol-d4	14.957	143	36	0.009	ng/ul	0.00
60) Fluorene-d10	15.722	176	171920	8.802	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.886	200	9759	2.876	ng/ul	0.02
73) Anthracene-d10	17.592	188	215299	8.835	ng/ul	0.00
81) Pyrene-d10	19.816	212	184803	7.816	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.962	264	139213	4.903	ng/ul	0.00
Target Compounds						
					Qvalue	
16) Acetophenone	8.928	105	46561	3.247	ng/ul	96
72) Phenanthrene	17.533	178	61890	2.153	ng/ul	97
80) Fluoranthene	19.492	202	137829	4.786	ng/ul	100
82) Pyrene	19.845	202	78282	2.627	ng/ul	98
85) Benzo(a)anthracene	21.563	228	72098	2.335	ng/ul	96
86) Bis(2-ethylhexyl)phtha...	21.451	149	25826	1.327	ng/ul#	89
87) Chrysene	21.616	228	89173	3.055	ng/ul	98
90) Benzo(b)fluoranthene	23.345	252	148870	4.076	ng/ul#	93
91) Benzo(k)fluoranthene	23.345	252	148870	4.216	ng/ul#	93
93) Benzo(a)pyrene	24.021	252	38778	1.218	ng/ul	93
94) Indeno(1,2,3-cd)pyrene	26.839	276	52350	1.270	ng/ul	97

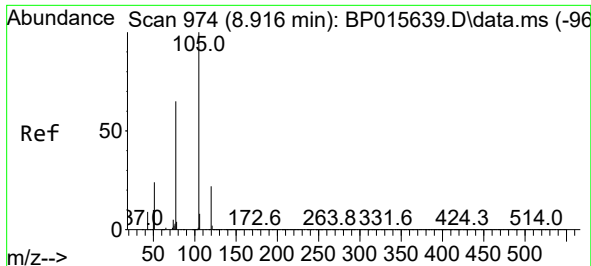
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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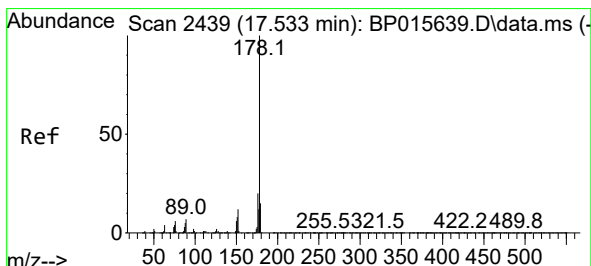
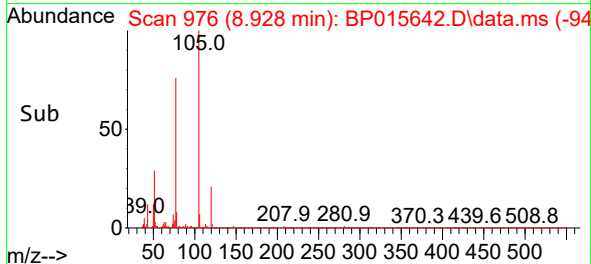
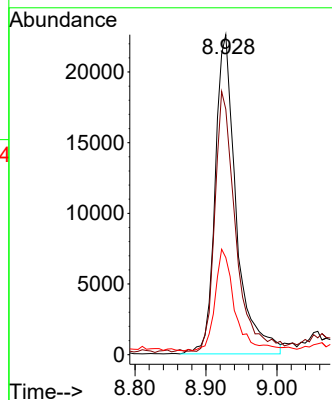
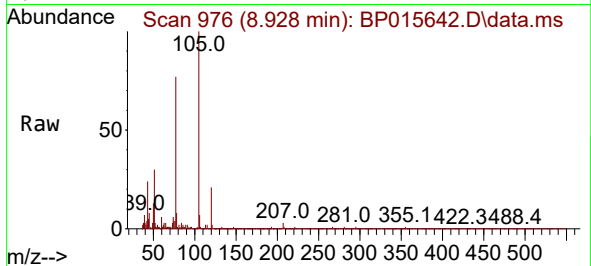




#16
Acetophenone
Concen: 3.247 ng/ul
RT: 8.928 min Scan# 91
Delta R.T. 0.012 min
Lab File: BP015642.D
Acq: 22 Jun 2023 12:17

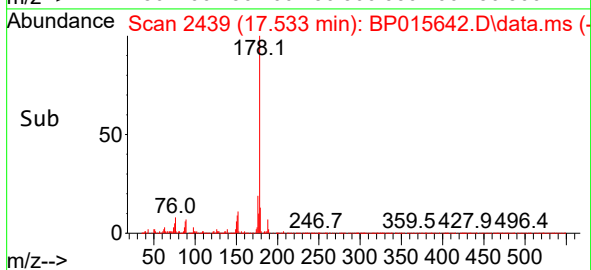
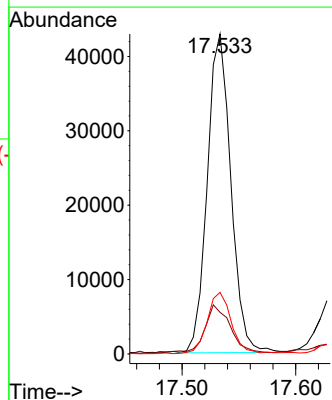
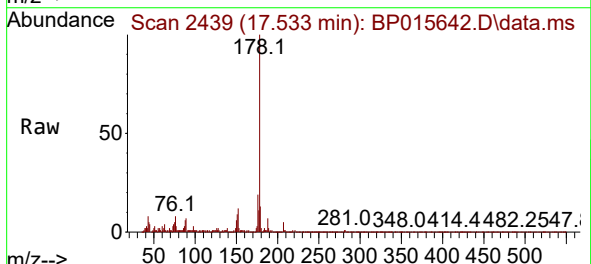
Instrument :
BNA_P
ClientSampleId :
DCFK1

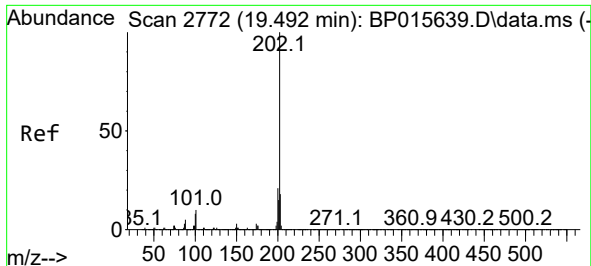
Tgt Ion:105 Resp: 46561
Ion Ratio Lower Upper
105 100
77 76.7 64.9 97.3
51 30.4 23.5 35.3



#72
Phenanthrene
Concen: 2.153 ng/ul
RT: 17.533 min Scan# 2439
Delta R.T. 0.000 min
Lab File: BP015642.D
Acq: 22 Jun 2023 12:17

Tgt Ion:178 Resp: 61890
Ion Ratio Lower Upper
178 100
179 13.0 12.3 18.5
176 19.3 15.4 23.0

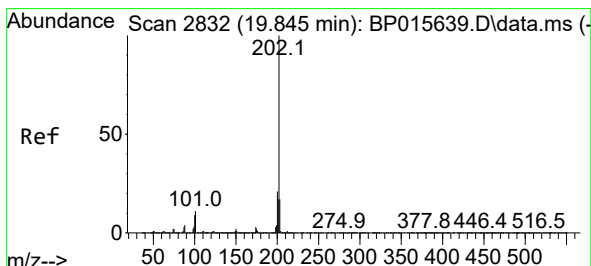
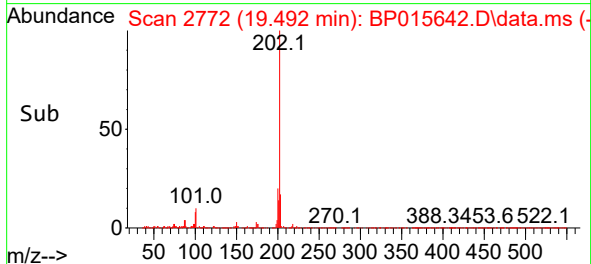
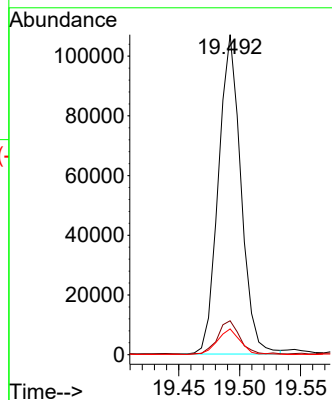
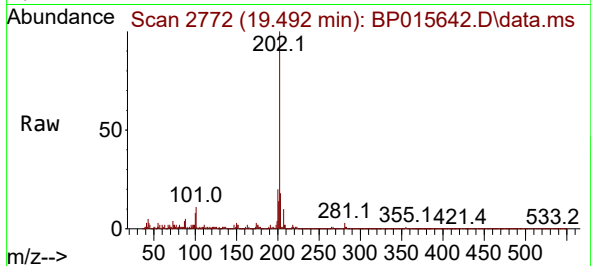




#80
Fluoranthene
Concen: 4.786 ng/ul
RT: 19.492 min Scan# 2772
Delta R.T. 0.000 min
Lab File: BP015642.D
Acq: 22 Jun 2023 12:17

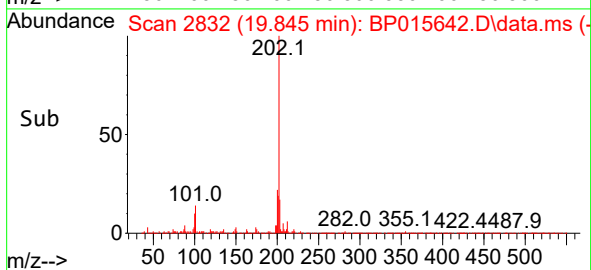
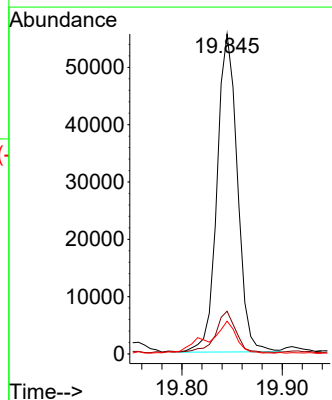
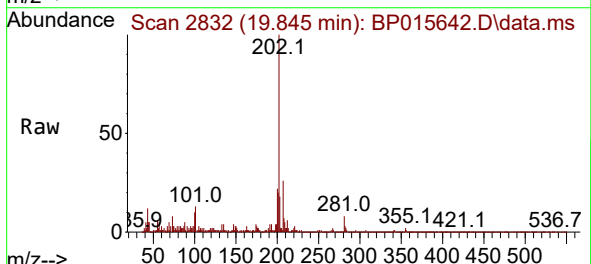
Instrument :
BNA_P
ClientSampleId :
DCFK1

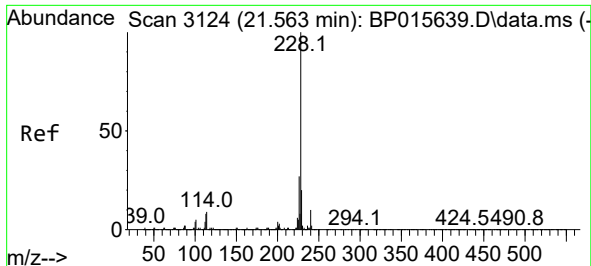
Tgt Ion:202 Resp: 137829
Ion Ratio Lower Upper
202 100
101 10.6 8.6 13.0
100 8.1 6.6 9.8



#82
Pyrene
Concen: 2.627 ng/ul
RT: 19.845 min Scan# 2832
Delta R.T. 0.000 min
Lab File: BP015642.D
Acq: 22 Jun 2023 12:17

Tgt Ion:202 Resp: 78282
Ion Ratio Lower Upper
202 100
101 13.3 9.9 14.9
100 10.2 8.4 12.6

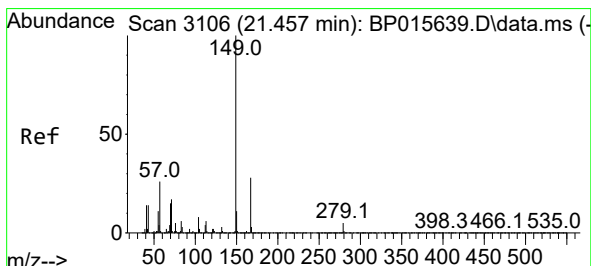
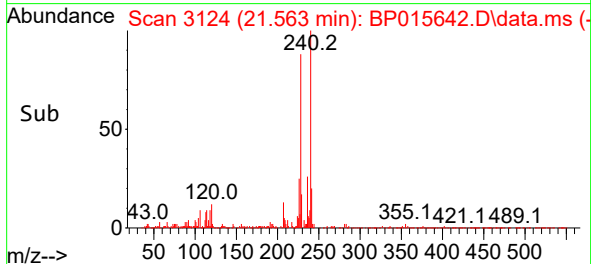
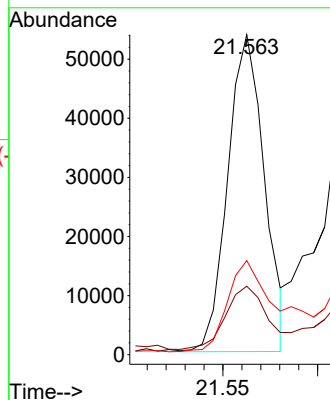
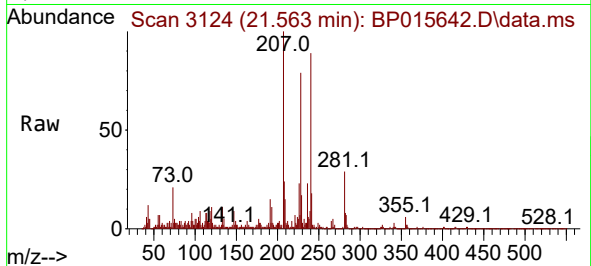




#85
Benzo(a)anthracene
Concen: 2.335 ng/ul
RT: 21.563 min Scan# 3124
Delta R.T. 0.000 min
Lab File: BP015642.D
Acq: 22 Jun 2023 12:17

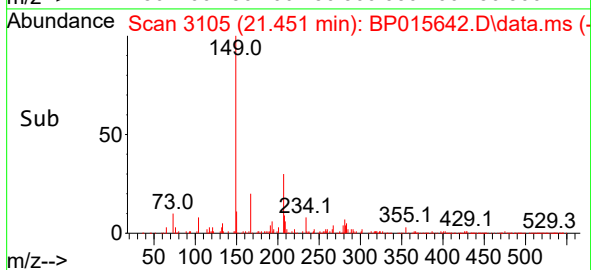
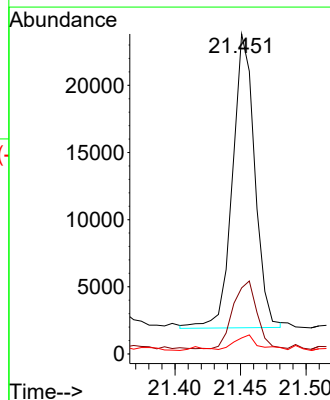
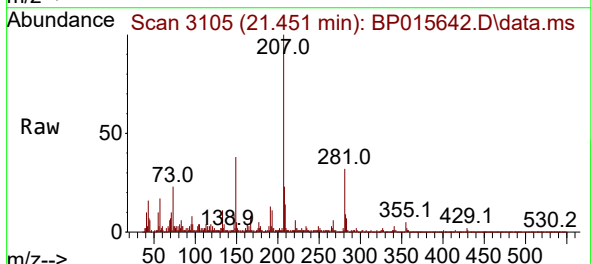
Instrument :
BNA_P
ClientSampleId :
DCFK1

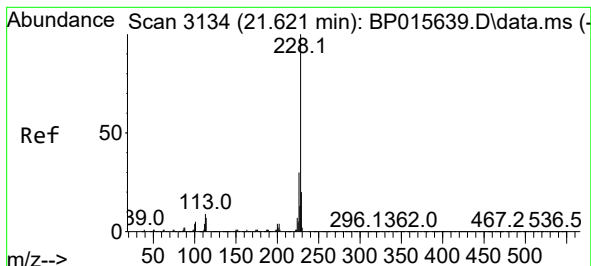
Tgt Ion:	228	Resp:	72098
Ion Ratio	Lower	Upper	
228	100		
229	21.4	15.8	23.6
226	29.4	21.8	32.6



#86
Bis(2-ethylhexyl)phthalate
Concen: 1.327 ng/ul
RT: 21.451 min Scan# 3105
Delta R.T. -0.006 min
Lab File: BP015642.D
Acq: 22 Jun 2023 12:17

Tgt Ion:	149	Resp:	25826
Ion Ratio	Lower	Upper	
149	100		
167	20.7	21.8	32.8
279	5.0	3.7	5.5





#87

Chrysene

Concen: 3.055 ng/ul

RT: 21.616 min Scan# 3133

Delta R.T. -0.006 min

Lab File: BP015642.D

Acq: 22 Jun 2023 12:17

Instrument :

BNA_P

ClientSampleId :

DCFK1

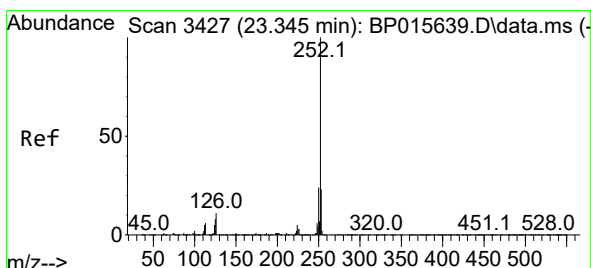
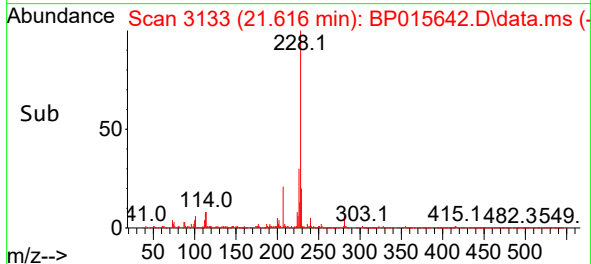
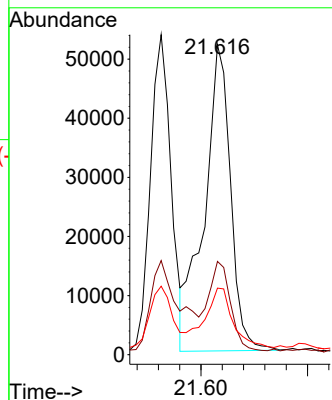
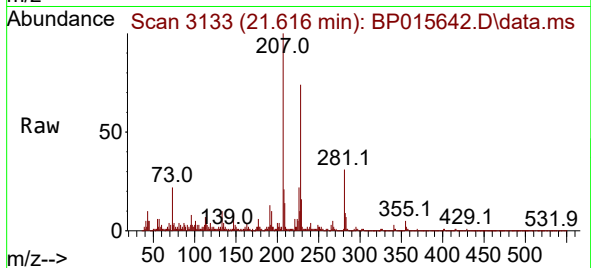
Tgt Ion:228 Resp: 89173

Ion Ratio Lower Upper

228 100

226 30.1 23.9 35.9

229 21.5 15.1 22.7



#90

Benzo(b)fluoranthene

Concen: 4.076 ng/ul

RT: 23.345 min Scan# 3427

Delta R.T. 0.000 min

Lab File: BP015642.D

Acq: 22 Jun 2023 12:17

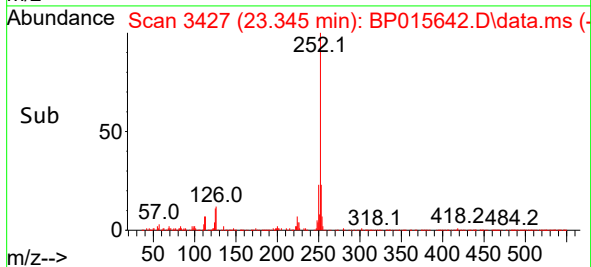
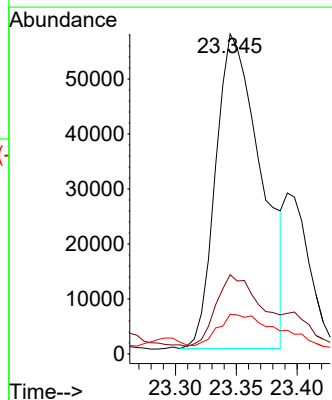
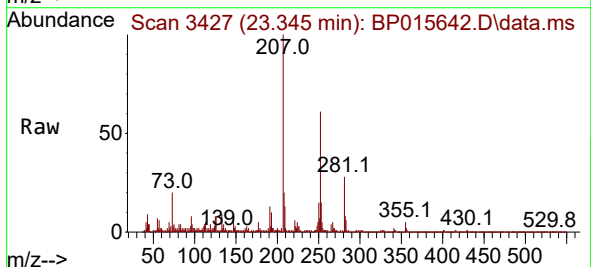
Tgt Ion:252 Resp: 148870

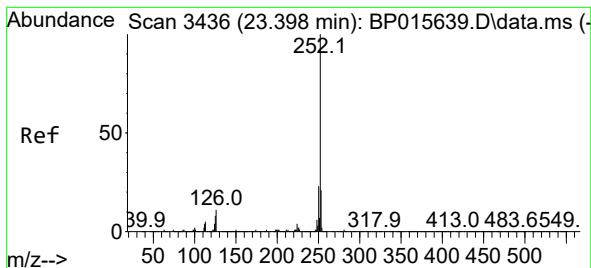
Ion Ratio Lower Upper

252 100

253 24.8 17.4 26.2

125 12.4 7.3 10.9#





#91

Benzo(k)fluoranthene

Concen: 4.216 ng/ul

RT: 23.345 min Scan# 3436

Delta R.T. -0.053 min

Lab File: BP015642.D

Acq: 22 Jun 2023 12:17

Instrument :

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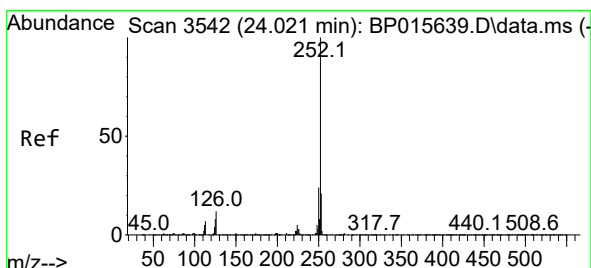
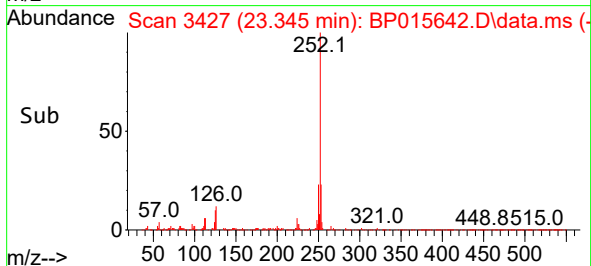
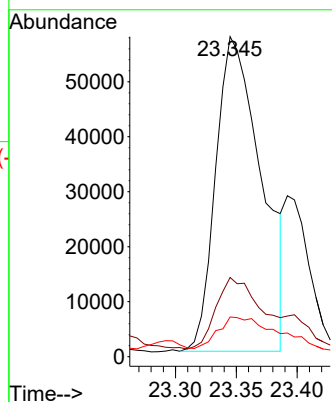
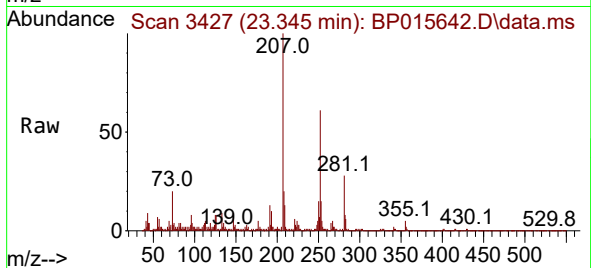
Tgt Ion:252 Resp: 148870

Ion Ratio Lower Upper

252 100

253 24.8 17.7 26.5

125 12.4 7.3 10.9#



#93

Benzo(a)pyrene

Concen: 1.218 ng/ul

RT: 24.021 min Scan# 3542

Delta R.T. 0.000 min

Lab File: BP015642.D

Acq: 22 Jun 2023 12:17

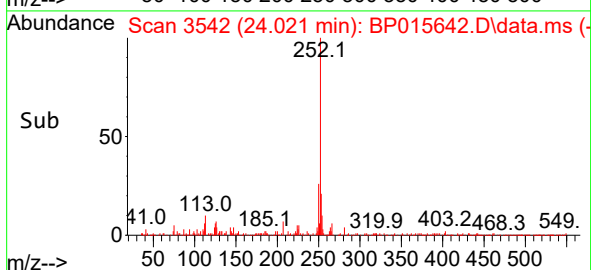
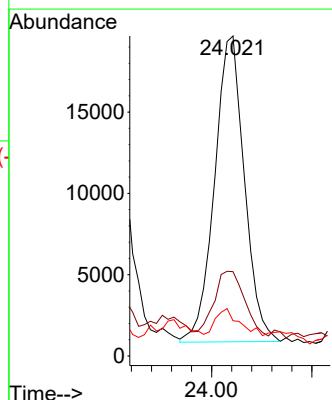
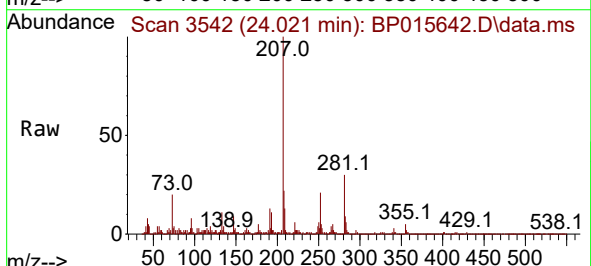
Tgt Ion:252 Resp: 38778

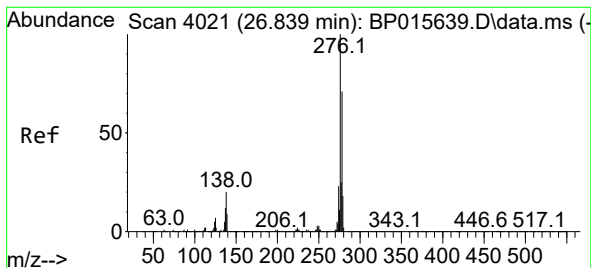
Ion Ratio Lower Upper

252 100

253 26.3 17.8 26.6

125 11.0 8.1 12.1





#94

Indeno(1,2,3-cd)pyrene

Concen: 1.270 ng/ul

RT: 26.839 min Scan# 40

Delta R.T. 0.000 min

Lab File: BP015642.D

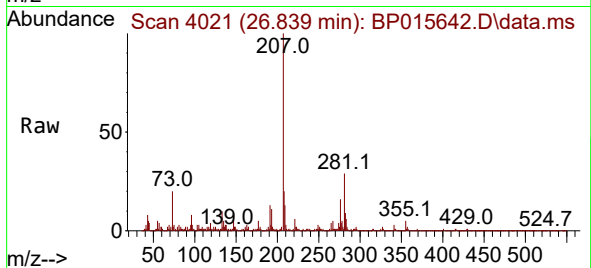
Acq: 22 Jun 2023 12:17

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Tgt Ion:276 Resp: 52350

Ion Ratio Lower Upper

276 100

138 19.8 17.3 25.9

277 23.7 20.2 30.2

