

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062723\
 Data File : BP015748.D
 Acq On : 27 Jun 2023 15:47
 Operator : MA/JU
 Sample : 03085-11
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :

Quant Time: Jun 27 22:10:50 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062623.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Jun 27 00:56:58 2023
 Response via : Initial Calibration

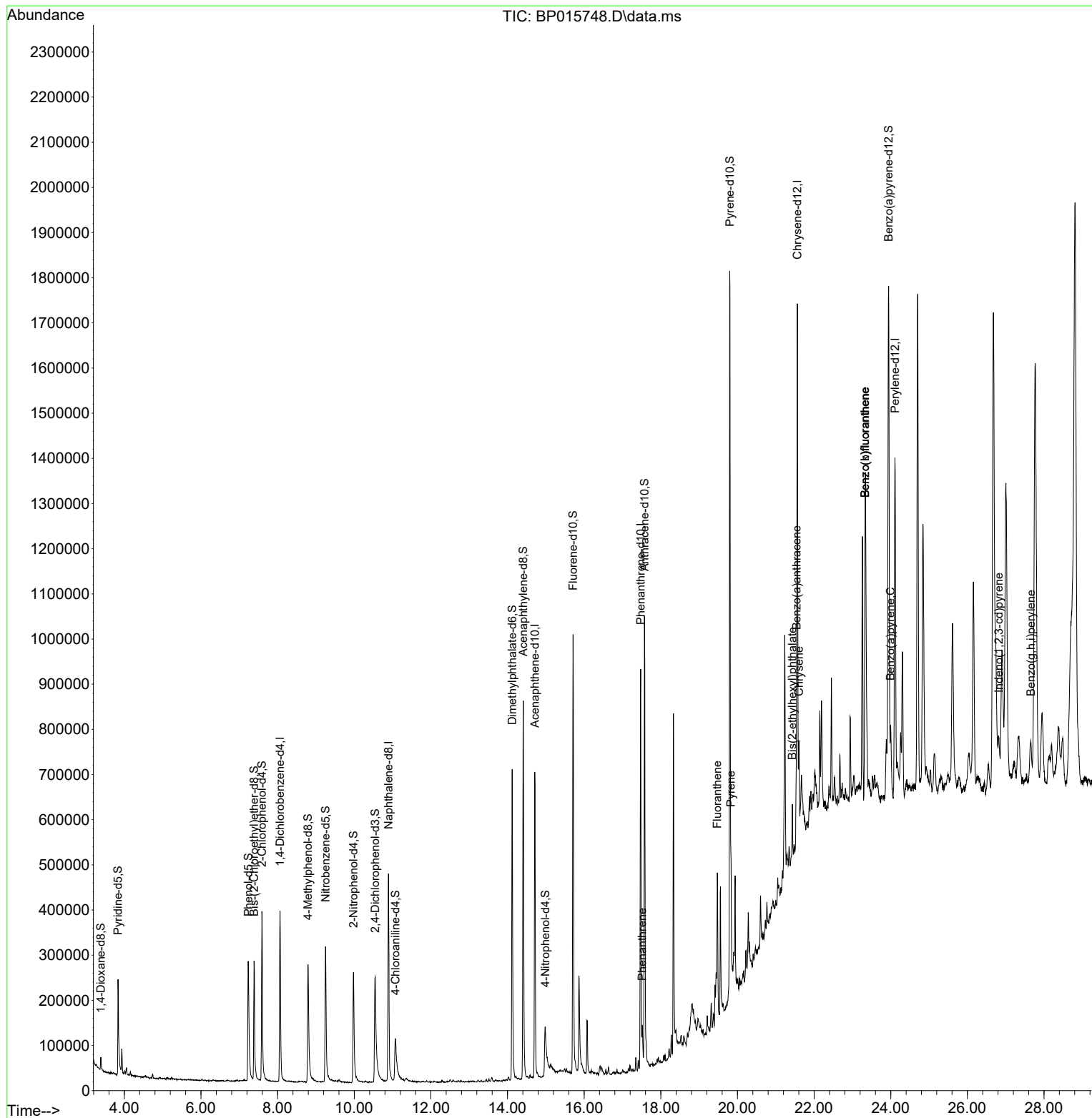
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.064	152	108409	20.000	ng/ul	0.00
20) Naphthalene-d8	10.893	136	395055	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.710	164	230854	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.475	188	526167	20.000	ng/ul	0.00
79) Chrysene-d12	21.563	240	534874	20.000	ng/ul	0.00
88) Perylene-d12	24.110	264	637540	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.387	96	12491	4.145	ng/uL	0.00
4) Pyridine-d5	3.834	84	112327	14.789	ng/ul	0.00
7) Phenol-d5	7.234	99	202439	21.825	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.387	67	135170	23.554	ng/ul	0.00
11) 2-Chlorophenol-d4	7.593	132	169563	24.217	ng/ul	0.00
15) 4-Methylphenol-d8	8.793	113	133453	18.212	ng/ul	0.00
21) Nitrobenzene-d5	9.252	128	78119	25.875	ng/ul	0.00
24) 2-Nitrophenol-d4	9.981	143	88014	24.978	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.546	165	142118	22.633	ng/ul	0.02
31) 4-Chloroaniline-d4	11.075	131	95985	11.899	ng/ul	0.04
46) Dimethylphthalate-d6	14.122	166	487646	27.329	ng/ul	0.00
49) Acenaphthylene-d8	14.410	160	561462	27.992	ng/ul	0.00
54) 4-Nitrophenol-d4	14.987	143	57330	24.347	ng/ul	0.04
60) Fluorene-d10	15.710	176	421165	28.666	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.981	200	678	0.210	ng/ul	0.12
73) Anthracene-d10	17.575	188	612685	25.492	ng/ul	0.00
81) Pyrene-d10	19.798	212	846015	24.223	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.945	264	897540	27.908	ng/ul	0.00
Target Compounds						
					Qvalue	
72) Phenanthrene	17.516	178	50870	1.780	ng/ul	98
80) Fluoranthene	19.475	202	163823	3.774	ng/ul	97
82) Pyrene	19.828	202	145660	3.290	ng/ul	97
85) Benzo(a)anthracene	21.545	228	112691	2.995	ng/ul	96
86) Bis(2-ethylhexyl)phtha...	21.433	149	39673	1.598	ng/ul#	99
87) Chrysene	21.604	228	126071	3.532	ng/ul	98
90) Benzo(b)fluoranthene	23.327	252	223324	5.452	ng/ul#	91
91) Benzo(k)fluoranthene	23.327	252	223324	5.396	ng/ul#	90
93) Benzo(a)pyrene	23.998	252	132883	3.712	ng/ul	97
94) Indeno(1,2,3-cd)pyrene	26.821	276	111124	2.287	ng/ul	99
96) Benzo(g,h,i)perylene	27.657	276	105384	2.636	ng/ul#	90

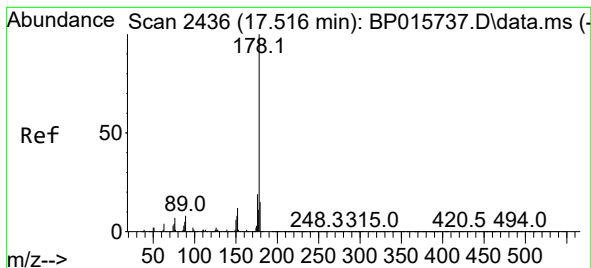
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#72

Phenanthrene

Concen: 1.780 ng/ul

RT: 17.516 min Scan# 2436

Delta R.T. 0.000 min

Lab File: BP015748.D

Acq: 27 Jun 2023 15:47

Instrument :

BNA_P

ClientSampleId :

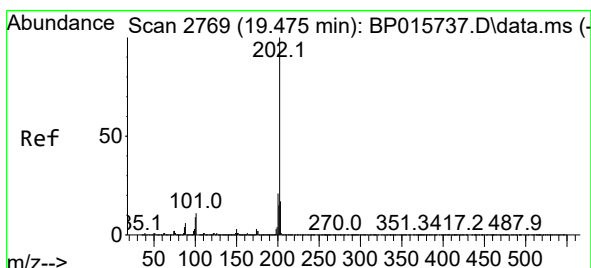
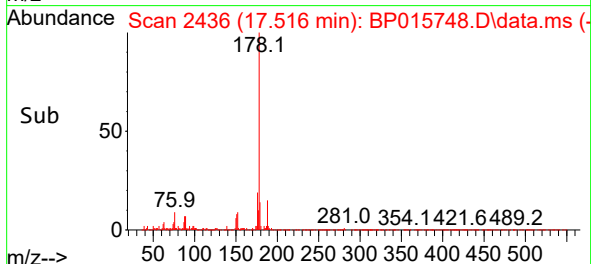
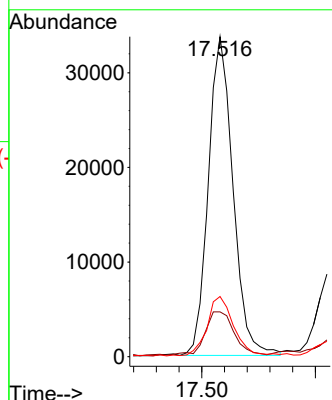
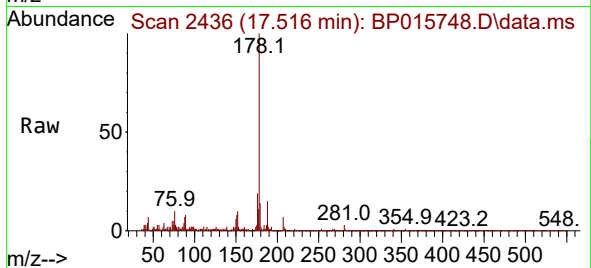
Tgt Ion:178 Resp: 50870

Ion Ratio Lower Upper

178 100

179 14.0 12.4 18.6

176 18.8 15.6 23.4



#80

Fluoranthene

Concen: 3.774 ng/ul

RT: 19.475 min Scan# 2769

Delta R.T. 0.000 min

Lab File: BP015748.D

Acq: 27 Jun 2023 15:47

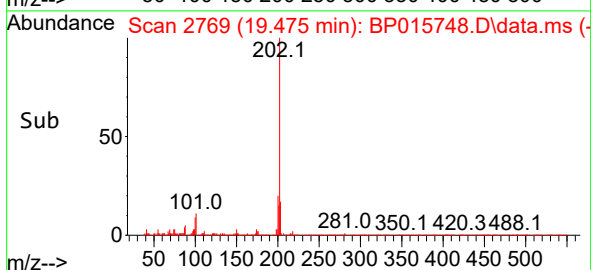
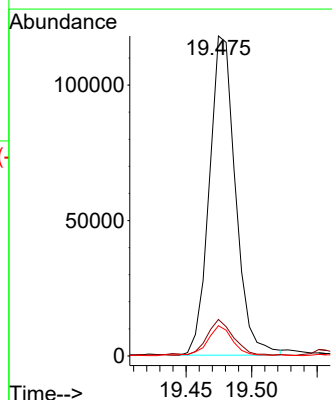
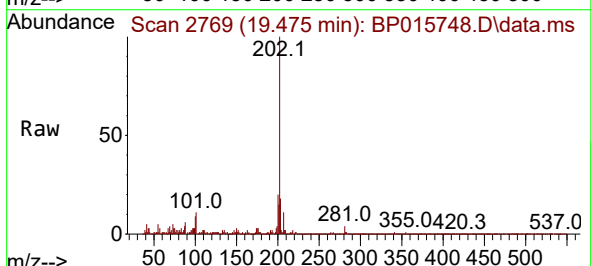
Tgt Ion:202 Resp: 163823

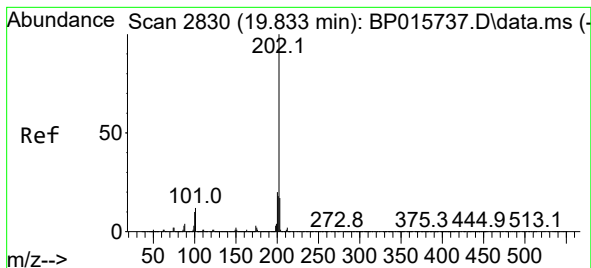
Ion Ratio Lower Upper

202 100

101 11.4 8.3 12.5

100 9.5 6.6 9.8





#82

Pyrene

Concen: 3.290 ng/ul

RT: 19.828 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP015748.D

Acq: 27 Jun 2023 15:47

Instrument :

BNA_P

ClientSampleId :

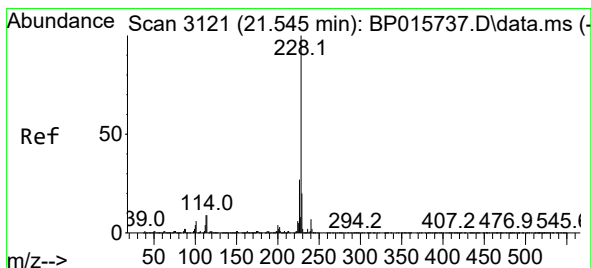
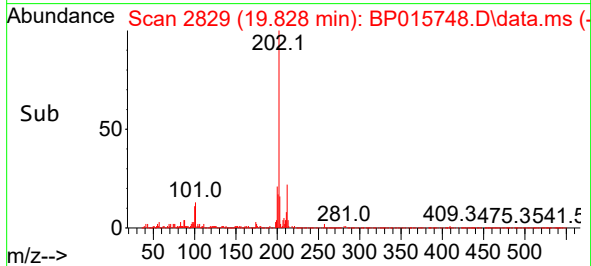
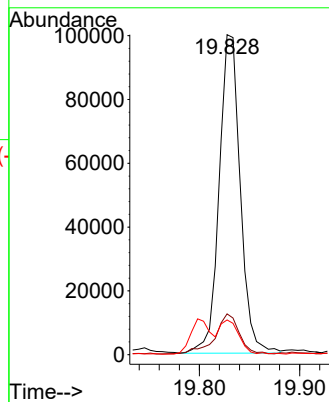
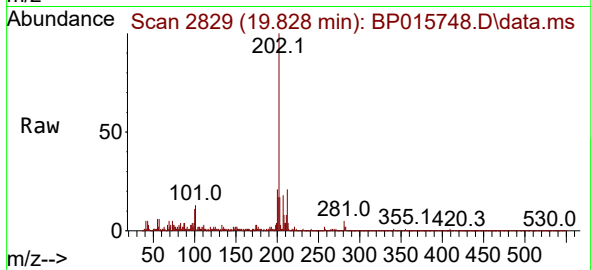
Tgt Ion:202 Resp: 145660

Ion Ratio Lower Upper

202 100

101 12.8 9.3 13.9

100 10.9 7.6 11.4



#85

Benzo(a)anthracene

Concen: 2.995 ng/ul

RT: 21.545 min Scan# 3121

Delta R.T. 0.000 min

Lab File: BP015748.D

Acq: 27 Jun 2023 15:47

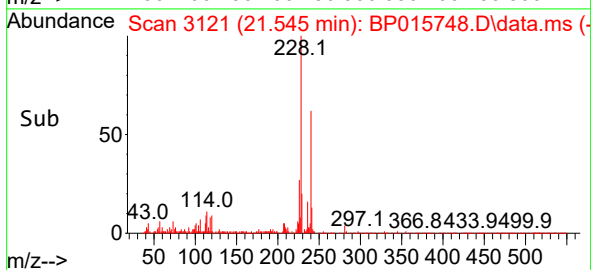
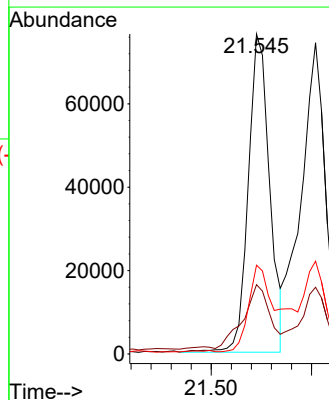
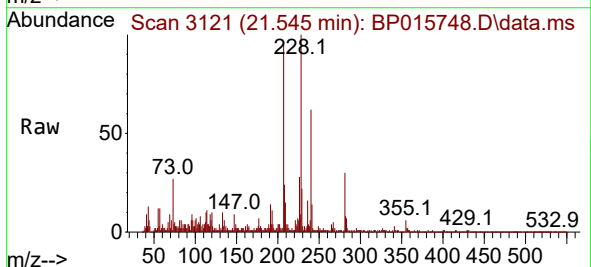
Tgt Ion:228 Resp: 112691

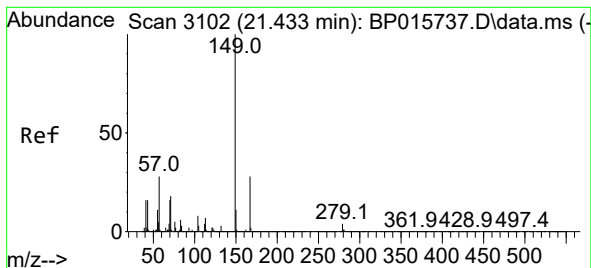
Ion Ratio Lower Upper

228 100

229 21.6 15.3 22.9

226 27.8 21.4 32.0

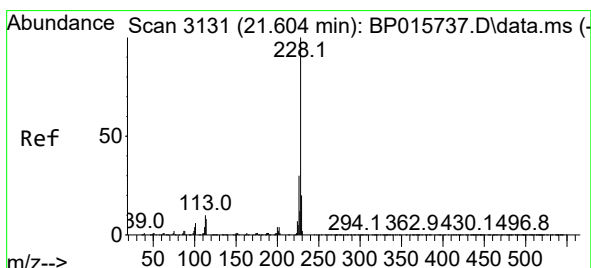
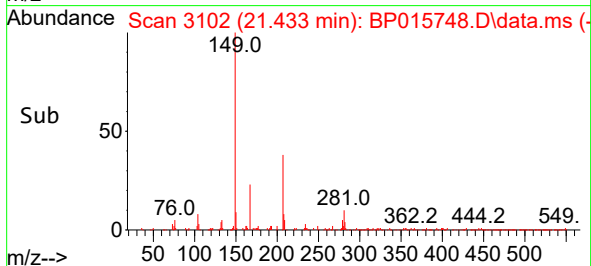
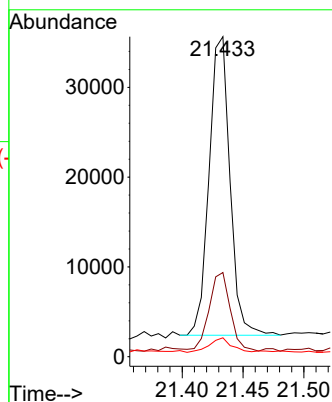
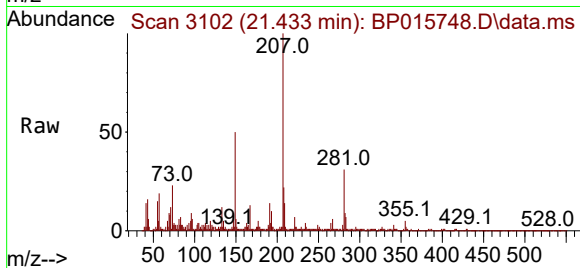




#86
 Bis(2-ethylhexyl)phthalate
 Concen: 1.598 ng/ul
 RT: 21.433 min Scan# 3102
 Delta R.T. 0.000 min
 Lab File: BP015748.D
 Acq: 27 Jun 2023 15:47

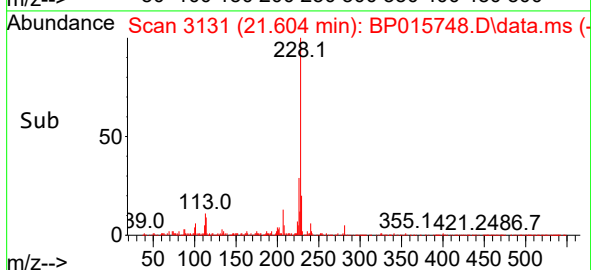
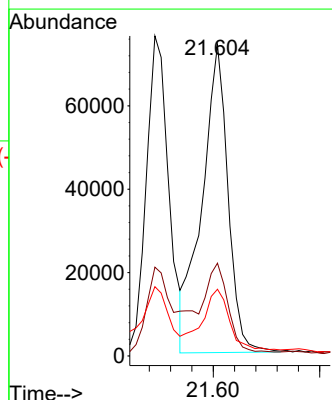
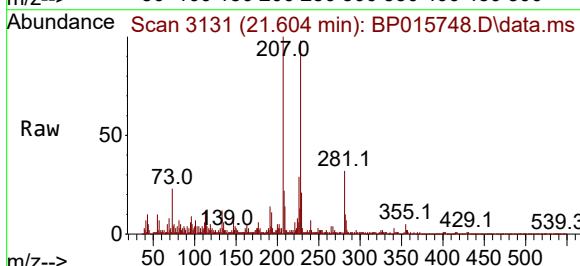
Instrument :
 BNA_P
 ClientSampleId :

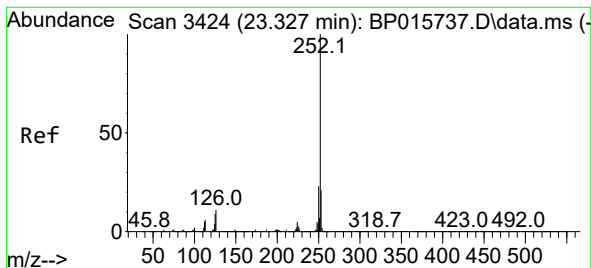
Tgt Ion:149 Resp: 39673
 Ion Ratio Lower Upper
 149 100
 167 26.3 21.0 31.6
 279 5.9 3.8 5.6#



#87
 Chrysene
 Concen: 3.532 ng/ul
 RT: 21.604 min Scan# 3131
 Delta R.T. 0.000 min
 Lab File: BP015748.D
 Acq: 27 Jun 2023 15:47

Tgt Ion:228 Resp: 126071
 Ion Ratio Lower Upper
 228 100
 226 29.8 24.3 36.5
 229 21.5 15.5 23.3





#90

Benzo(b)fluoranthene

Concen: 5.452 ng/ul

RT: 23.327 min Scan# 3424

Delta R.T. 0.000 min

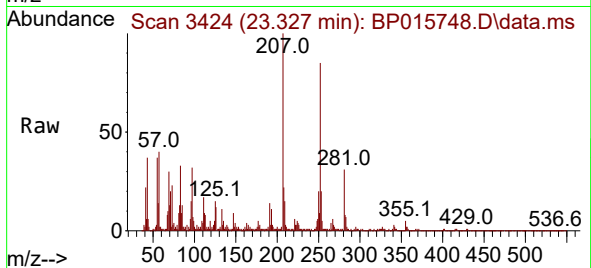
Lab File: BP015748.D

Acq: 27 Jun 2023 15:47

Instrument :

BNA_P

ClientSampleId :



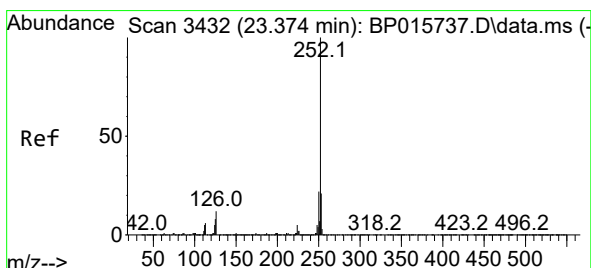
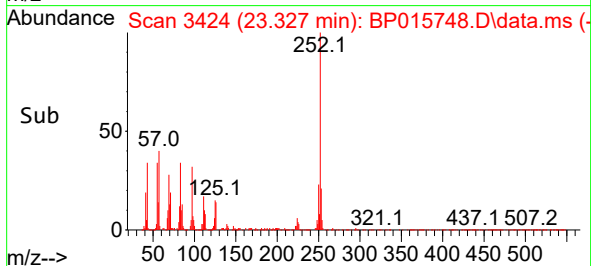
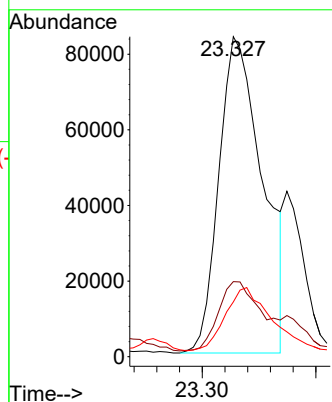
Tgt Ion:252 Resp: 223324

Ion Ratio Lower Upper

252 100

253 23.5 17.3 25.9

125 17.1 7.5 11.3#



#91

Benzo(k)fluoranthene

Concen: 5.396 ng/ul

RT: 23.327 min Scan# 3424

Delta R.T. -0.053 min

Lab File: BP015748.D

Acq: 27 Jun 2023 15:47

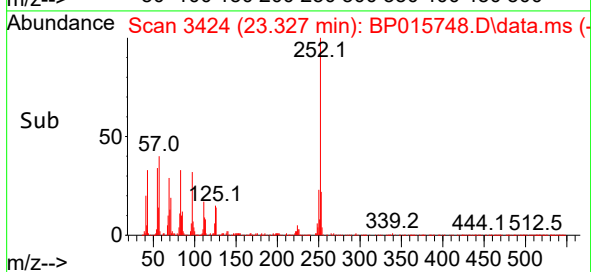
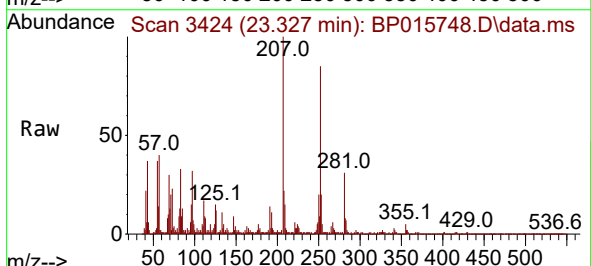
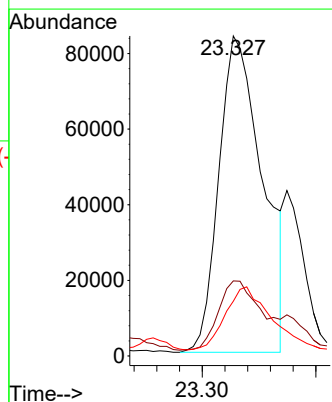
Tgt Ion:252 Resp: 223324

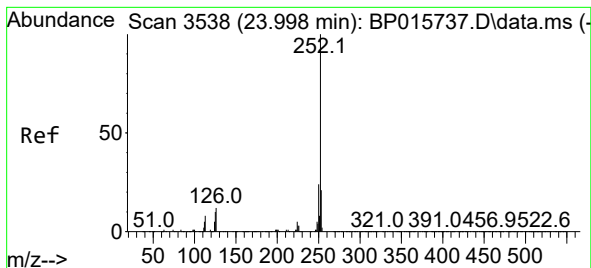
Ion Ratio Lower Upper

252 100

253 23.5 17.0 25.4

125 17.1 7.3 10.9#





#93

Benzo(a)pyrene

Concen: 3.712 ng/ul

RT: 23.998 min Scan# 3538

Delta R.T. -0.006 min

Lab File: BP015748.D

Acq: 27 Jun 2023 15:47

Instrument :

BNA_P

ClientSampleId :

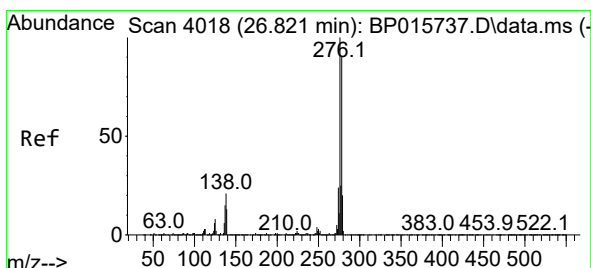
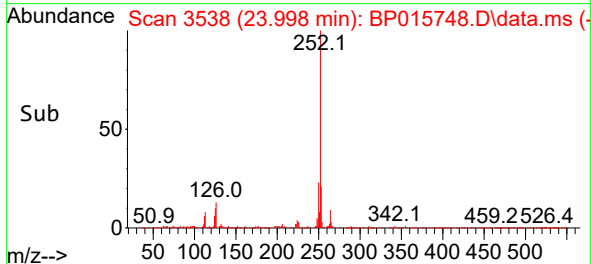
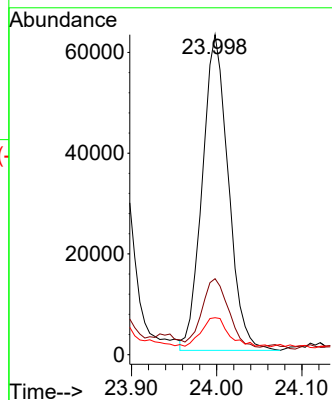
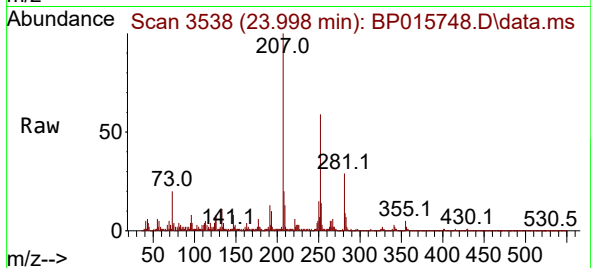
Tgt Ion:252 Resp: 132883

Ion Ratio Lower Upper

252 100

253 23.7 17.7 26.5

125 11.5 8.2 12.2



#94

Indeno(1,2,3-cd)pyrene

Concen: 2.287 ng/ul

RT: 26.821 min Scan# 4018

Delta R.T. 0.006 min

Lab File: BP015748.D

Acq: 27 Jun 2023 15:47

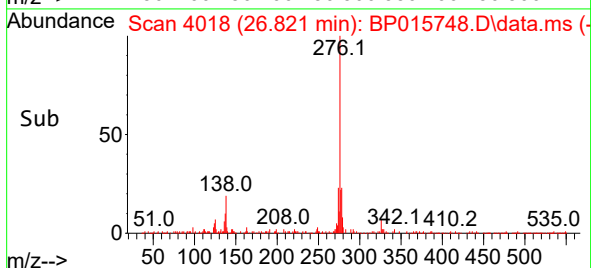
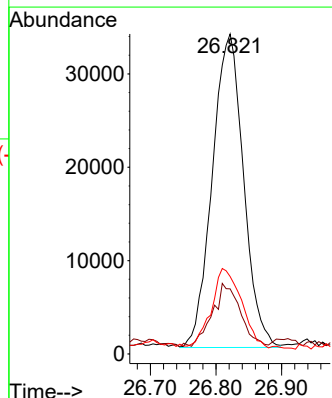
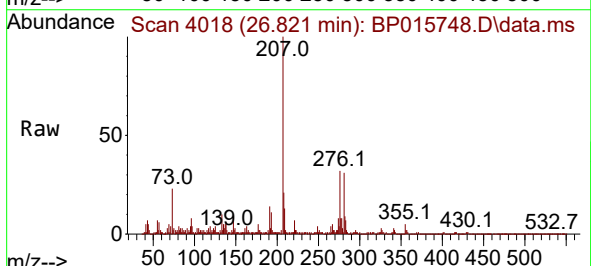
Tgt Ion:276 Resp: 111124

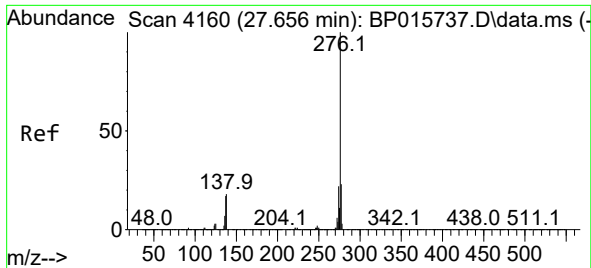
Ion Ratio Lower Upper

276 100

138 20.3 15.7 23.5

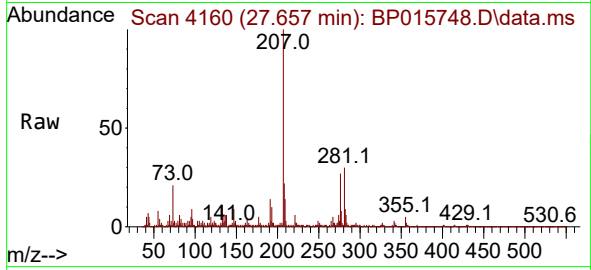
277 24.2 19.6 29.4





#96
 Benzo(g,h,i)perylene
 Concen: 2.636 ng/ul
 RT: 27.657 min Scan# 4160
 Delta R.T. 0.000 min
 Lab File: BP015748.D
 Acq: 27 Jun 2023 15:47

Instrument :
 BNA_P
 ClientSampleId :



Tgt Ion:276 Resp: 105384
 Ion Ratio Lower Upper
 276 100
 138 22.5 15.1 22.7
 277 29.5 18.8 28.2#

