

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062723\
 Data File : BP015749.D
 Acq On : 27 Jun 2023 16:21
 Operator : MA/JU
 Sample : 03085-12
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :

Quant Time: Jun 27 22:11:03 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

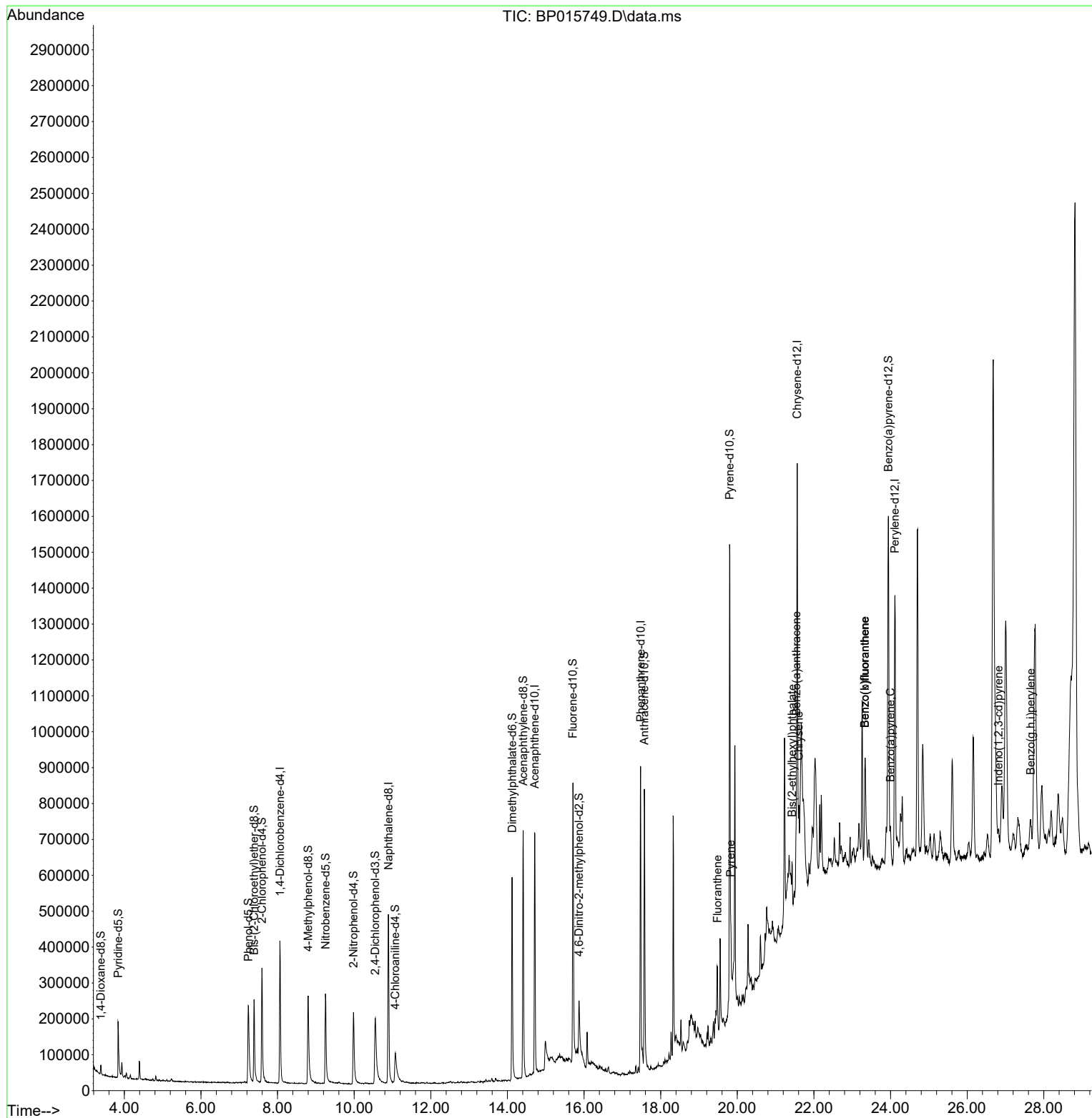
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.063	152	114568	20.000	ng/ul	0.00
20) Naphthalene-d8	10.893	136	415117	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.710	164	235435	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.475	188	511667	20.000	ng/ul	0.00
79) Chrysene-d12	21.563	240	528259	20.000	ng/ul	0.00
88) Perylene-d12	24.110	264	641679	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.387	96	12379	3.887	ng/uL	0.00
4) Pyridine-d5	3.840	84	88925	11.078	ng/ul	0.01
7) Phenol-d5	7.240	99	173603	17.710	ng/ul	0.01
9) Bis-(2-Chloroethyl)eth...	7.387	67	118974	19.618	ng/ul	0.00
11) 2-Chlorophenol-d4	7.593	132	152271	20.578	ng/ul	0.00
15) 4-Methylphenol-d8	8.799	113	127692	16.489	ng/ul	0.01
21) Nitrobenzene-d5	9.252	128	66778	21.049	ng/ul	0.00
24) 2-Nitrophenol-d4	9.981	143	76447	20.646	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.546	165	118074	17.895	ng/ul	0.02
31) 4-Chloroaniline-d4	11.069	131	91250	10.766	ng/ul	0.03
46) Dimethylphthalate-d6	14.122	166	415393	22.827	ng/ul	0.00
49) Acenaphthylene-d8	14.410	160	465597	22.761	ng/ul	0.00
54) 4-Nitrophenol-d4	14.928	143	135	0.056	ng/ul	-0.02
60) Fluorene-d10	15.710	176	341363	22.782	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.869	200	49736	15.806	ng/ul	0.01
73) Anthracene-d10	17.575	188	496856	21.259	ng/ul	0.00
81) Pyrene-d10	19.798	212	696711	20.198	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.945	264	746425	23.060	ng/ul	0.00
Target Compounds						
					Qvalue	
80) Fluoranthene	19.480	202	101127	2.359	ng/ul	99
82) Pyrene	19.828	202	87170	1.993	ng/ul	99
85) Benzo(a)anthracene	21.545	228	70970	1.910	ng/ul#	96
86) Bis(2-ethylhexyl)phtha...	21.427	149	32119	1.310	ng/ul	98
87) Chrysene	21.604	228	80637	2.287	ng/ul#	95
90) Benzo(b)fluoranthene	23.327	252	142073	3.446	ng/ul#	92
91) Benzo(k)fluoranthene	23.327	252	142073	3.410	ng/ul#	91
93) Benzo(a)pyrene	23.998	252	92087	2.556	ng/ul#	93
94) Indeno(1,2,3-cd)pyrene	26.815	276	82356	1.684	ng/ul	97
96) Benzo(g,h,i)perylene	27.657	276	79683	1.980	ng/ul#	88

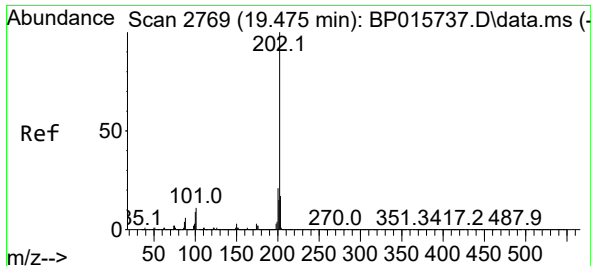
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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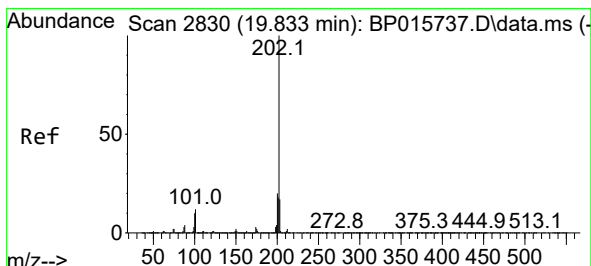
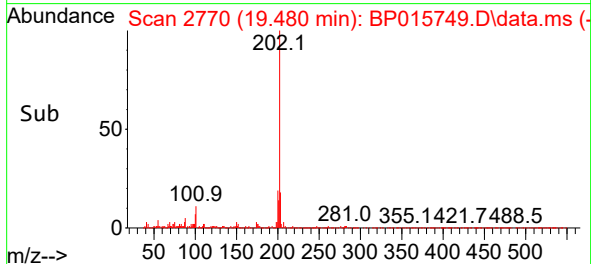
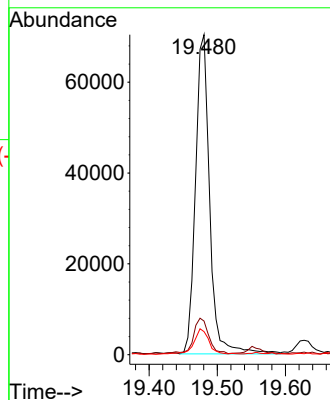
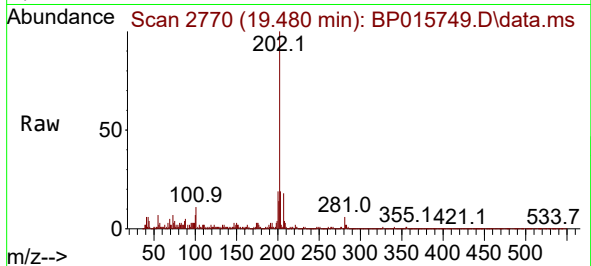




#80
Fluoranthene
Concen: 2.359 ng/ul
RT: 19.480 min Scan# 21
Delta R.T. 0.006 min
Lab File: BP015749.D
Acq: 27 Jun 2023 16:21

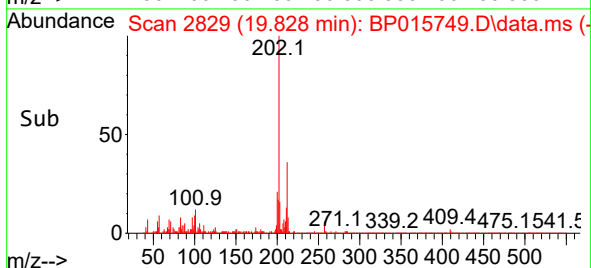
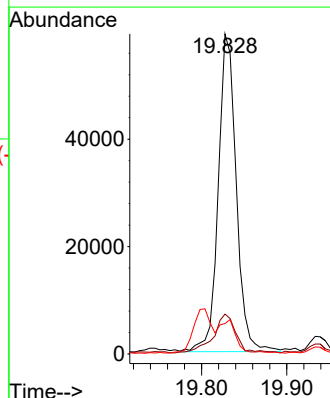
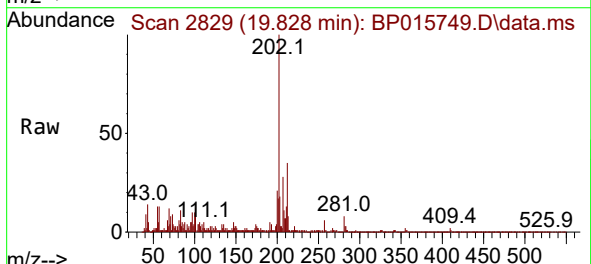
Instrument :
BNA_P
ClientSampleId :

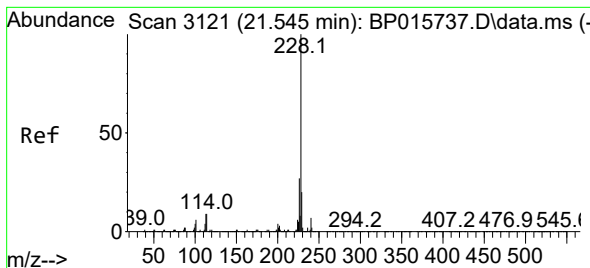
Tgt Ion:202 Resp: 101127
Ion Ratio Lower Upper
202 100
101 10.5 8.3 12.5
100 7.2 6.6 9.8



#82
Pyrene
Concen: 1.993 ng/ul
RT: 19.828 min Scan# 2829
Delta R.T. -0.006 min
Lab File: BP015749.D
Acq: 27 Jun 2023 16:21

Tgt Ion:202 Resp: 87170
Ion Ratio Lower Upper
202 100
101 12.4 9.3 13.9
100 9.5 7.6 11.4





#85

Benzo(a)anthracene

Concen: 1.910 ng/ul

RT: 21.545 min Scan# 3121

Delta R.T. 0.000 min

Lab File: BP015749.D

Acq: 27 Jun 2023 16:21

Instrument :

BNA_P

ClientSampleId :

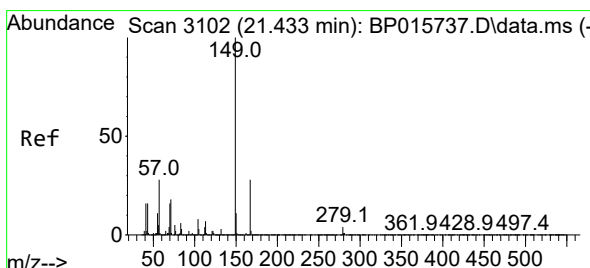
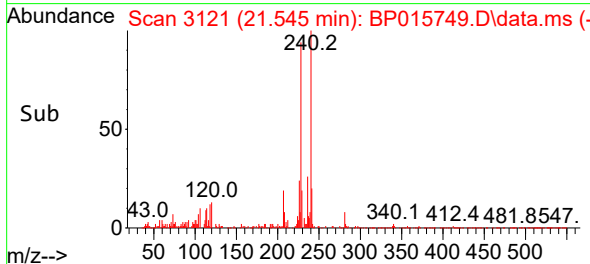
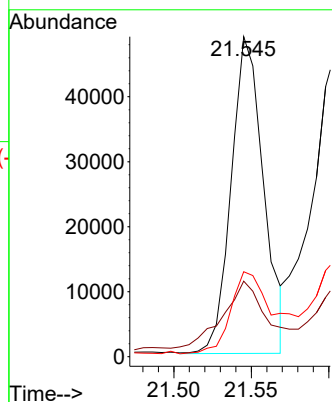
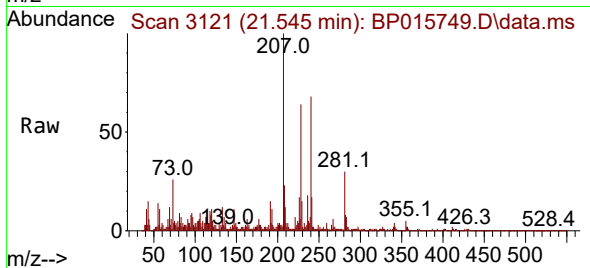
Tgt Ion:228 Resp: 70970

Ion Ratio Lower Upper

228 100

229 23.6 15.3 22.9#

226 26.5 21.4 32.0



#86

Bis(2-ethylhexyl)phthalate

Concen: 1.310 ng/ul

RT: 21.427 min Scan# 3101

Delta R.T. -0.006 min

Lab File: BP015749.D

Acq: 27 Jun 2023 16:21

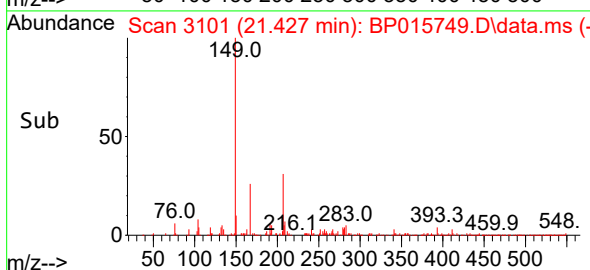
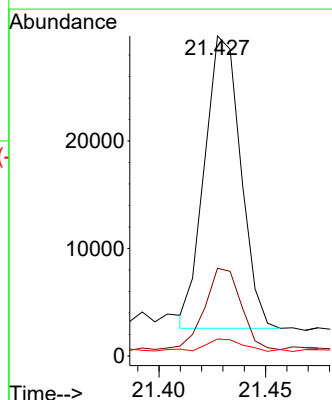
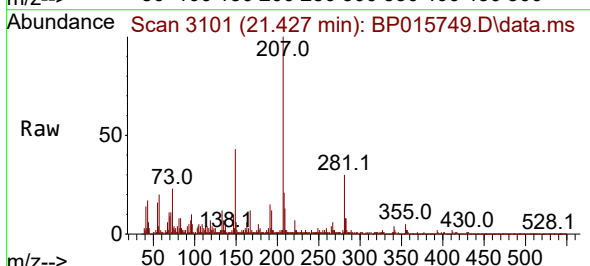
Tgt Ion:149 Resp: 32119

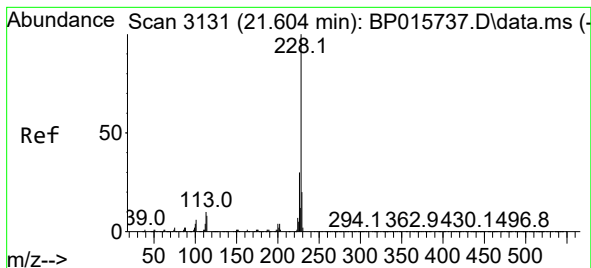
Ion Ratio Lower Upper

149 100

167 27.4 21.0 31.6

279 5.3 3.8 5.6





#87

Chrysene

Concen: 2.287 ng/ul

RT: 21.604 min Scan# 3131

Delta R.T. 0.000 min

Lab File: BP015749.D

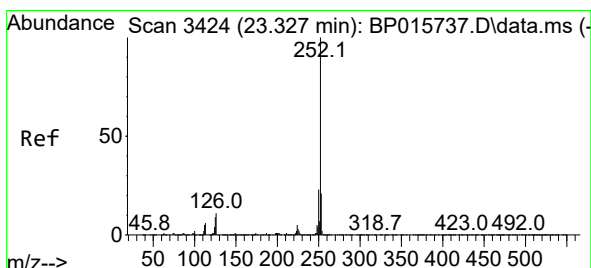
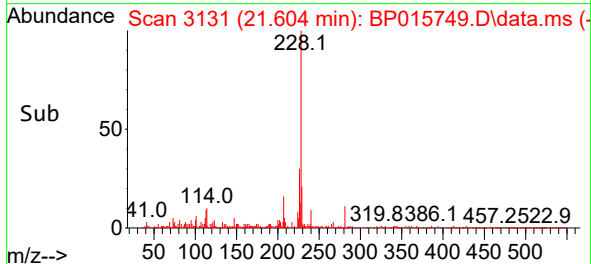
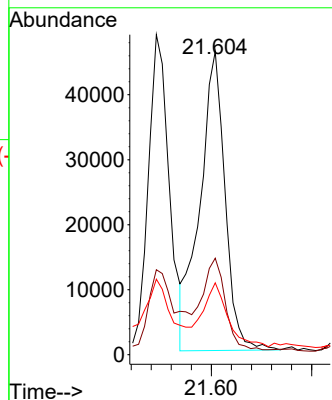
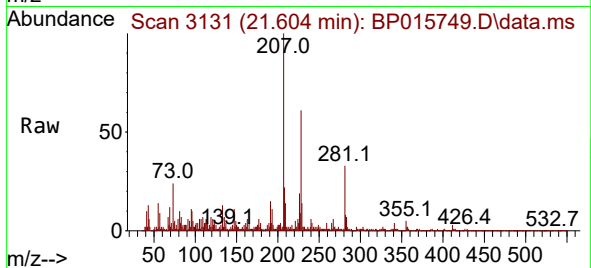
Acq: 27 Jun 2023 16:21

Instrument :

BNA_P

ClientSampleId :

Tgt Ion:228	Resp:	80637
Ion Ratio	Lower	Upper
228	100	
226	31.8	24.3 36.5
229	23.7	15.5 23.3#



#90

Benzo(b)fluoranthene

Concen: 3.446 ng/ul

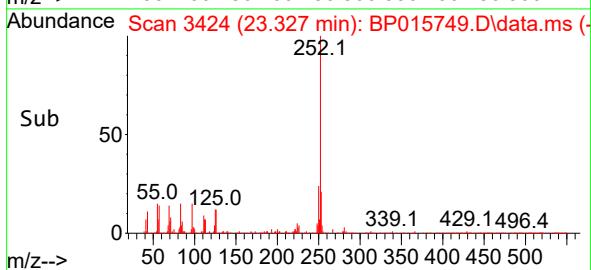
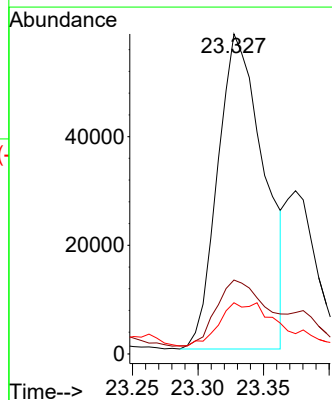
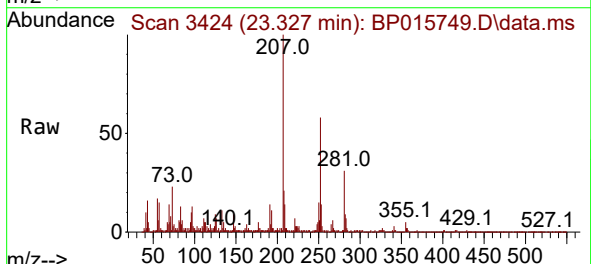
RT: 23.327 min Scan# 3424

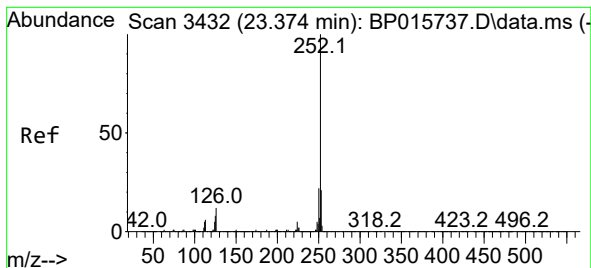
Delta R.T. 0.000 min

Lab File: BP015749.D

Acq: 27 Jun 2023 16:21

Tgt Ion:252	Resp:	142073
Ion Ratio	Lower	Upper
252	100	
253	23.1	17.3 25.9
125	16.0	7.5 11.3#





#91

Benzo(k)fluoranthene

Concen: 3.410 ng/ul

RT: 23.327 min Scan# 3432

Delta R.T. -0.053 min

Lab File: BP015749.D

Acq: 27 Jun 2023 16:21

Instrument :

BNA_P

ClientSampleId :

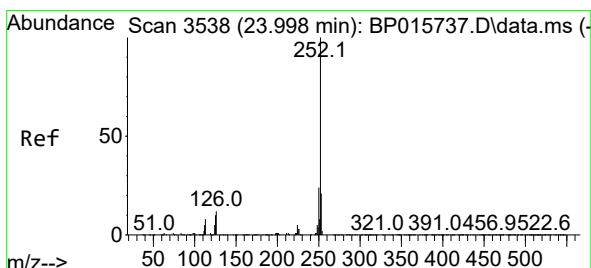
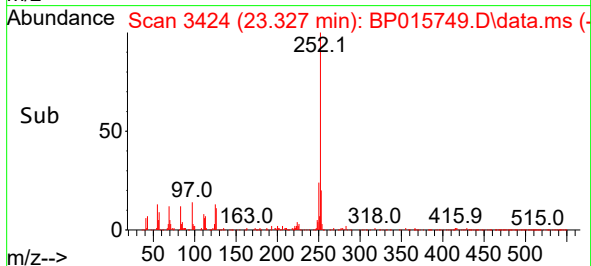
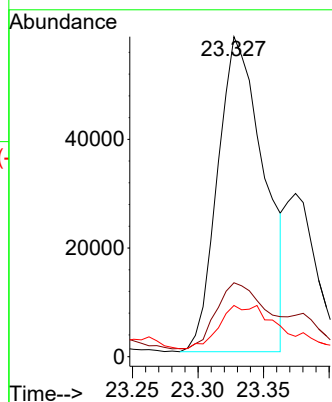
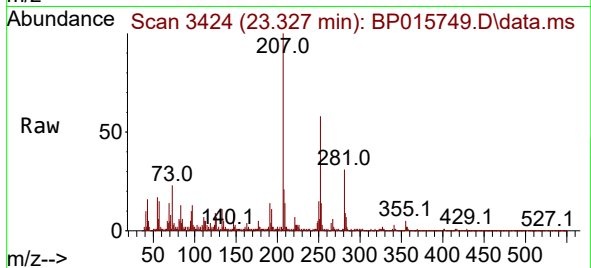
Tgt Ion:252 Resp: 142073

Ion Ratio Lower Upper

252 100

253 23.1 17.0 25.4

125 16.0 7.3 10.9#



#93

Benzo(a)pyrene

Concen: 2.556 ng/ul

RT: 23.998 min Scan# 3538

Delta R.T. -0.006 min

Lab File: BP015749.D

Acq: 27 Jun 2023 16:21

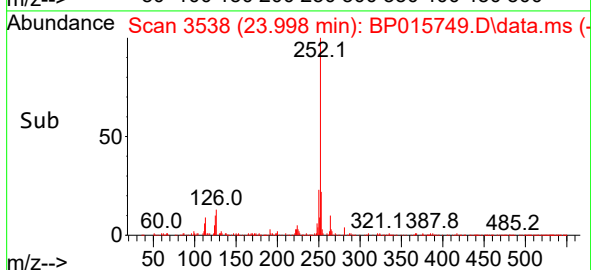
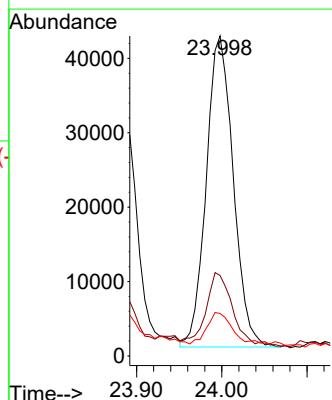
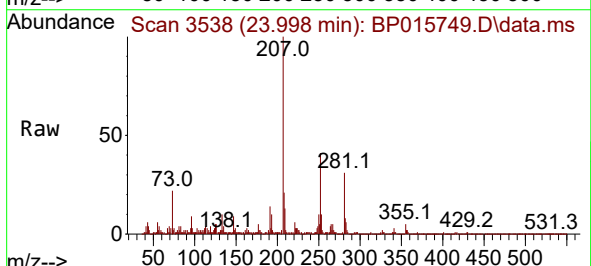
Tgt Ion:252 Resp: 92087

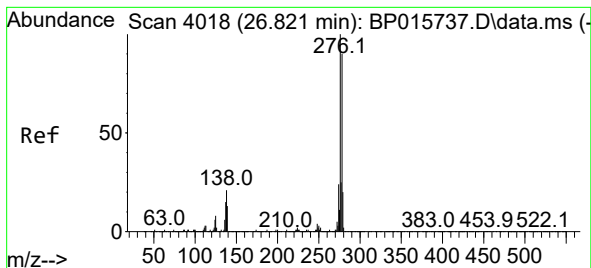
Ion Ratio Lower Upper

252 100

253 25.1 17.7 26.5

125 13.2 8.2 12.2#





#94

Indeno(1,2,3-cd)pyrene

Concen: 1.684 ng/ul

RT: 26.815 min Scan# 4018

Delta R.T. 0.000 min

Lab File: BP015749.D

Acq: 27 Jun 2023 16:21

Instrument :

BNA_P

ClientSampleId :

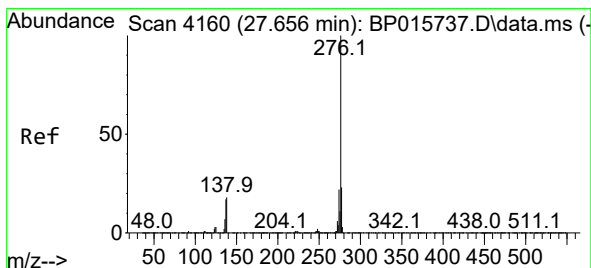
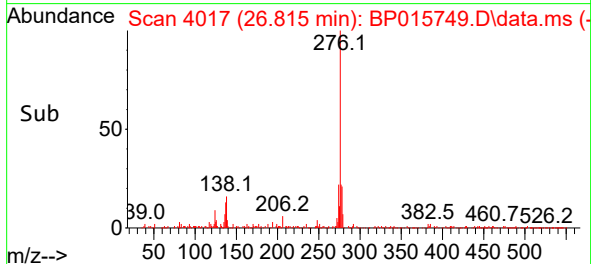
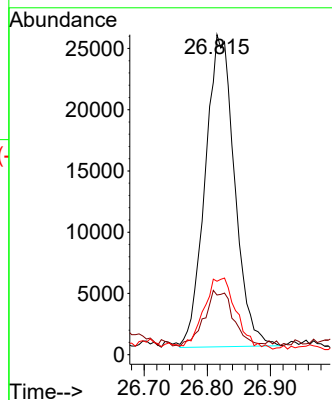
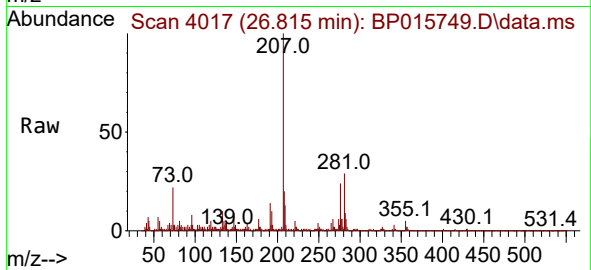
Tgt Ion:276 Resp: 82356

Ion Ratio Lower Upper

276 100

138 18.6 15.7 23.5

277 23.0 19.6 29.4



#96

Benzo(g,h,i)perylene

Concen: 1.980 ng/ul

RT: 27.657 min Scan# 4160

Delta R.T. 0.000 min

Lab File: BP015749.D

Acq: 27 Jun 2023 16:21

Tgt Ion:276 Resp: 79683

Ion Ratio Lower Upper

276 100

138 30.5 15.1 22.7#

277 24.3 18.8 28.2

