

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062923\
 Data File : BP015811.D
 Acq On : 29 Jun 2023 15:13
 Operator : MA/JU
 Sample : 03143-18
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :

Quant Time: Jun 29 22:27:06 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062623.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Jun 29 02:30:23 2023
 Response via : Initial Calibration

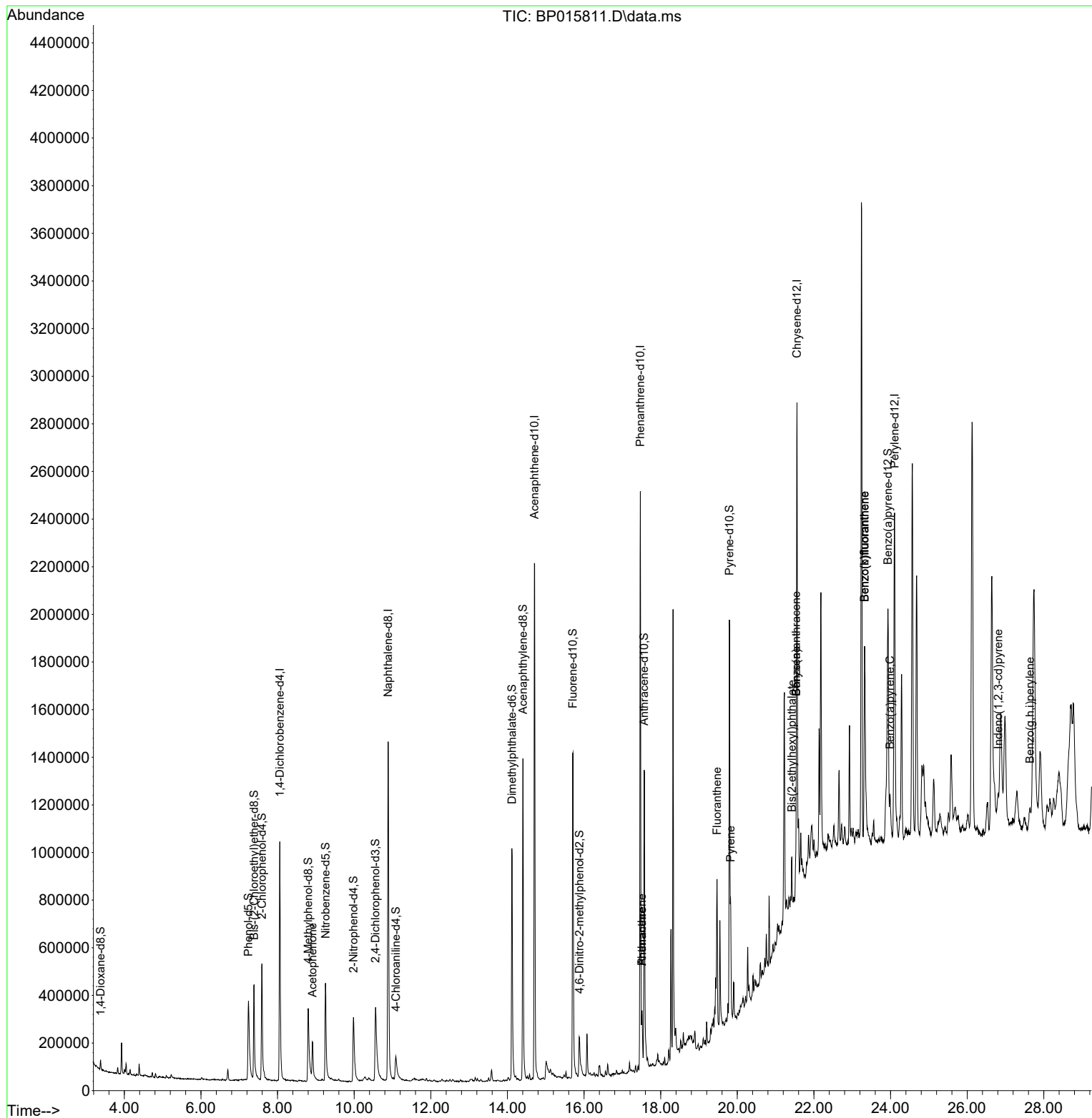
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.057	152	306818	20.000	ng/ul	0.00
20) Naphthalene-d8	10.887	136	1317121	20.000	ng/ul	# 0.00
38) Acenaphthene-d10	14.704	164	763287	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.469	188	1454721	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.557	240	962448	20.000	ng/ul	# 0.00
88) Perylene-d12	24.104	264	1112089	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.381	96	17517	2.054	ng/uL	0.00
4) Pyridine-d5	3.817	84	343	0.016	ng/ul	0.00
7) Phenol-d5	7.240	99	308718	11.760	ng/ul	0.02
9) Bis-(2-Chloroethyl)eth...	7.387	67	226231	13.929	ng/ul	0.00
11) 2-Chlorophenol-d4	7.593	132	259370	13.088	ng/ul	0.00
15) 4-Methylphenol-d8	8.799	113	195695	9.436	ng/ul	0.01
21) Nitrobenzene-d5	9.252	128	123201	12.239	ng/ul	0.01
24) 2-Nitrophenol-d4	9.981	143	132817	11.305	ng/ul	0.01
28) 2,4-Dichlorophenol-d3	10.557	165	211671	10.111	ng/ul	0.04
31) 4-Chloroaniline-d4	11.087	131	100754	3.746	ng/ul	0.05
46) Dimethylphthalate-d6	14.116	166	770451	13.059	ng/ul	0.00
49) Acenaphthylene-d8	14.404	160	870082	13.119	ng/ul	0.00
54) 4-Nitrophenol-d4	14.945	143	43	0.006	ng/ul	0.00
60) Fluorene-d10	15.710	176	632197	13.014	ng/ul	0.01
65) 4,6-Dinitro-2-methylph...	15.881	200	56617	6.328	ng/ul	0.02
73) Anthracene-d10	17.569	188	840855	12.654	ng/ul	0.00
81) Pyrene-d10	19.792	212	876331	13.944	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.933	264	747387	13.323	ng/ul	0.00
Target Compounds						
					Qvalue	
16) Acetophenone	8.910	105	99379	2.915	ng/ul	99
72) Phenanthrene	17.510	178	118621	1.501	ng/ul	98
74) Anthracene	17.510	178	119147	1.500	ng/ul	99
80) Fluoranthene	19.469	202	331923	4.250	ng/ul#	93
82) Pyrene	19.827	202	272346	3.418	ng/ul#	90
85) Benzo(a)anthracene	21.539	228	141406	2.089	ng/ul	96
86) Bis(2-ethylhexyl)phtha...	21.422	149	64671	1.448	ng/ul	98
87) Chrysene	21.539	228	140795	2.192	ng/ul	92
90) Benzo(b)fluoranthene	23.321	252	279153	3.907	ng/ul#	87
91) Benzo(k)fluoranthene	23.321	252	279153	3.867	ng/ul#	86
93) Benzo(a)pyrene	23.986	252	162434	2.602	ng/ul#	90
94) Indeno(1,2,3-cd)pyrene	26.809	276	137985	1.628	ng/ul	96
96) Benzo(g,h,i)perylene	27.639	276	120638	1.730	ng/ul#	87

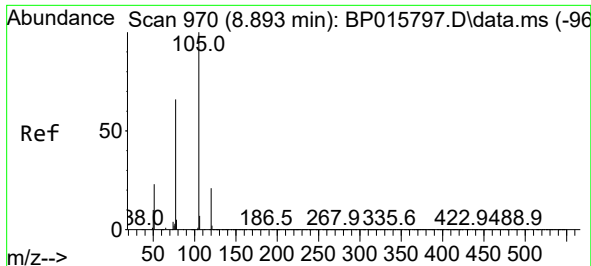
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062923\
Data File : BP015811.D
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Quant Title : SVOA CALIBRATION
QLast Update : Thu Jun 29 02:30:23 2023
Response via : Initial Calibration

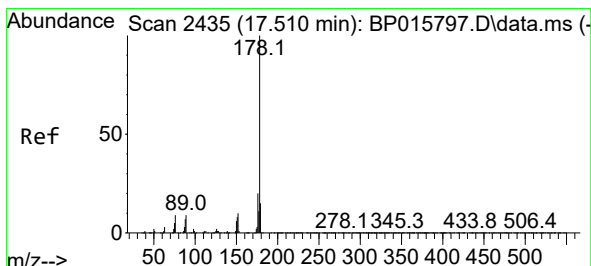
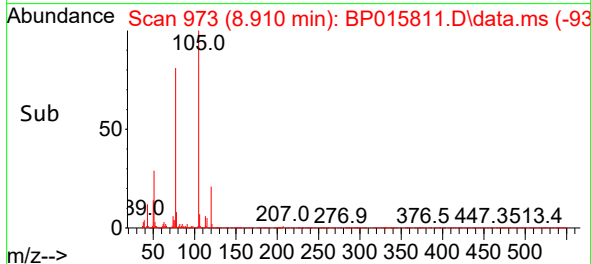
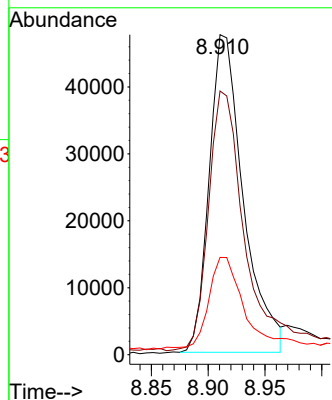
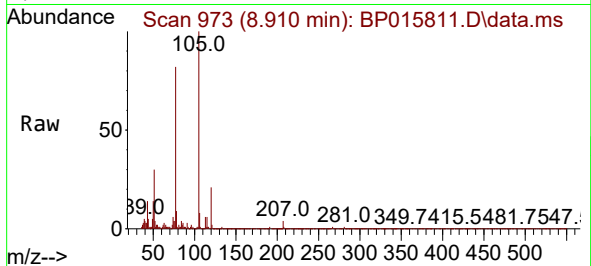




#16
Acetophenone
Concen: 2.915 ng/ul
RT: 8.910 min Scan# 91
Delta R.T. 0.012 min
Lab File: BP015811.D
Acq: 29 Jun 2023 15:13

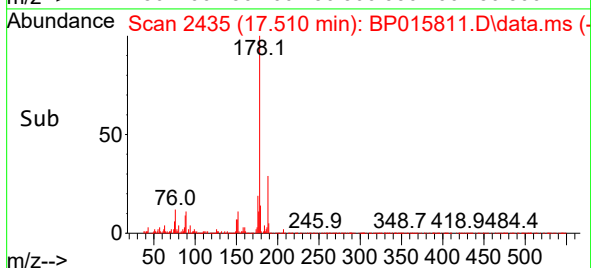
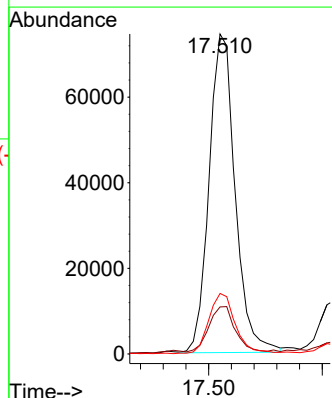
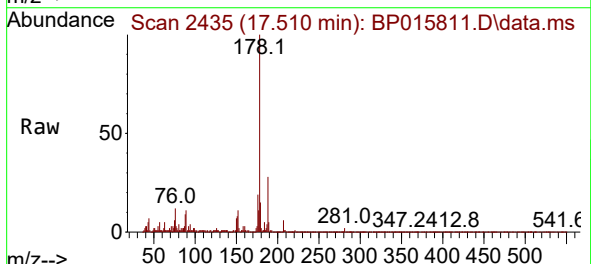
Instrument :
BNA_P
ClientSampleId :

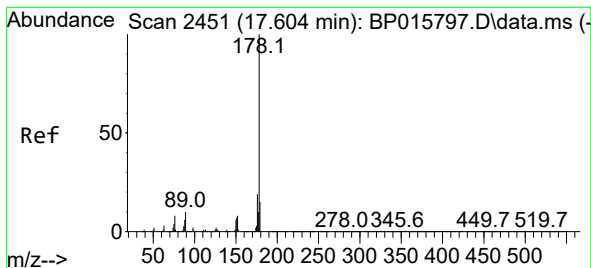
Tgt Ion:105 Resp: 99379
Ion Ratio Lower Upper
105 100
77 82.4 65.0 97.4
51 30.4 25.1 37.7



#72
Phenanthrene
Concen: 1.501 ng/ul
RT: 17.510 min Scan# 2435
Delta R.T. -0.000 min
Lab File: BP015811.D
Acq: 29 Jun 2023 15:13

Tgt Ion:178 Resp: 118621
Ion Ratio Lower Upper
178 100
179 14.7 12.4 18.6
176 18.9 15.6 23.4





#74

Anthracene

Concen: 1.500 ng/ul

RT: 17.510 min Scan# 2451

Delta R.T. -0.094 min

Lab File: BP015811.D

Acq: 29 Jun 2023 15:13

Instrument :

BNA_P

ClientSampleId :

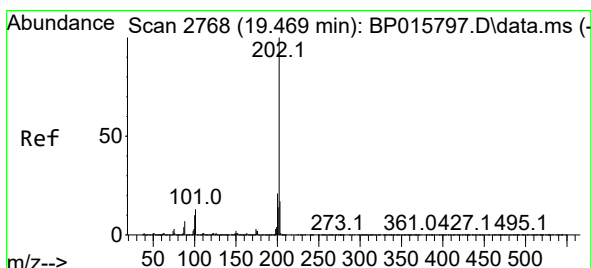
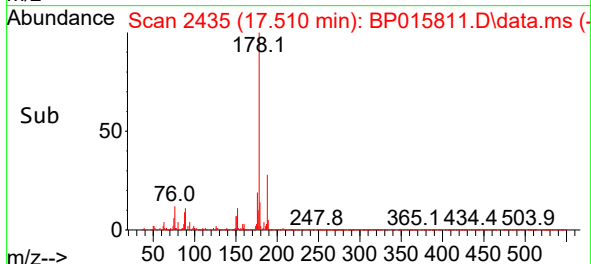
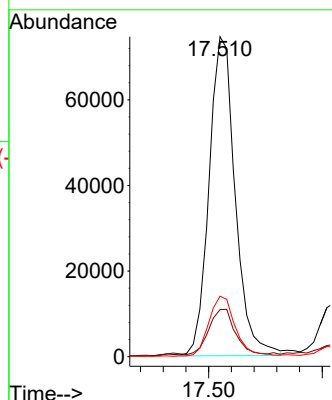
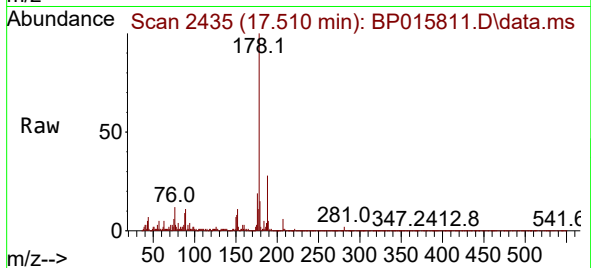
Tgt Ion:178 Resp: 119147

Ion Ratio Lower Upper

178 100

179 14.7 12.1 18.1

176 18.9 14.6 22.0



#80

Fluoranthene

Concen: 4.250 ng/ul

RT: 19.469 min Scan# 2768

Delta R.T. -0.006 min

Lab File: BP015811.D

Acq: 29 Jun 2023 15:13

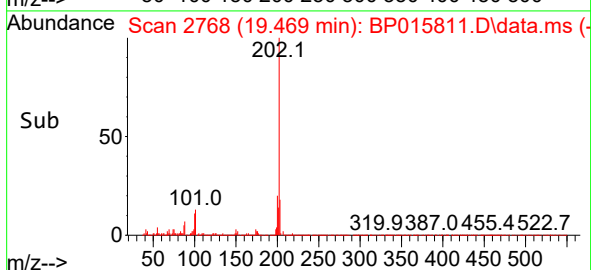
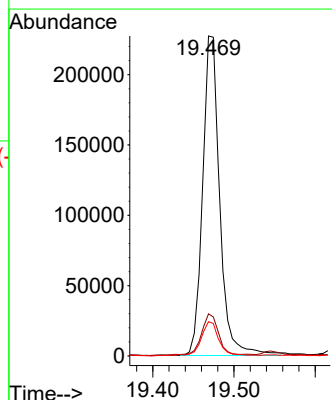
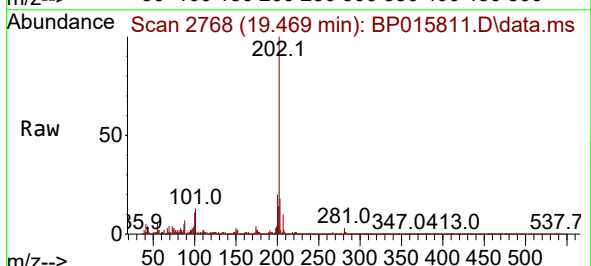
Tgt Ion:202 Resp: 331923

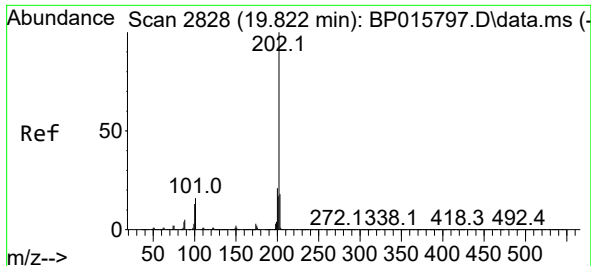
Ion Ratio Lower Upper

202 100

101 13.2 8.3 12.5#

100 10.7 6.6 9.8#

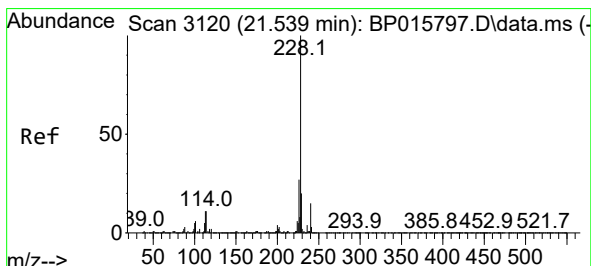
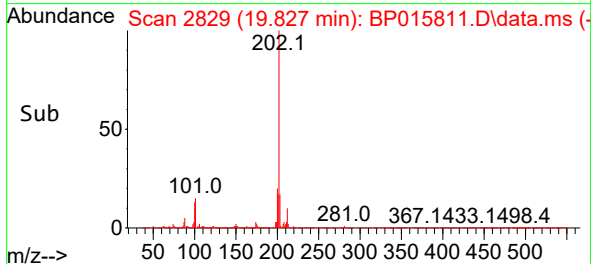
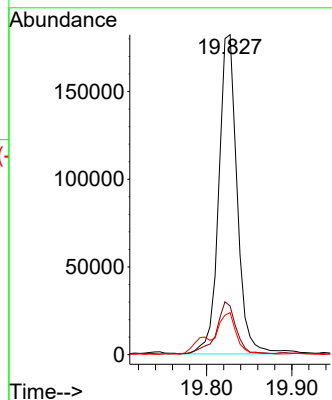
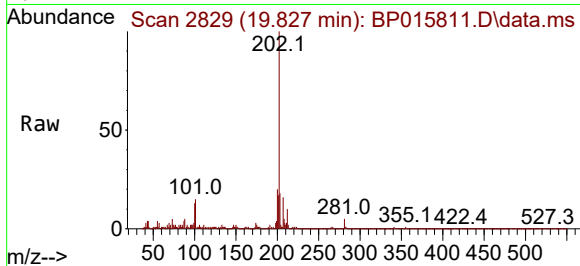




#82
 Pyrene
 Concen: 3.418 ng/ul
 RT: 19.827 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: BP015811.D
 Acq: 29 Jun 2023 15:13

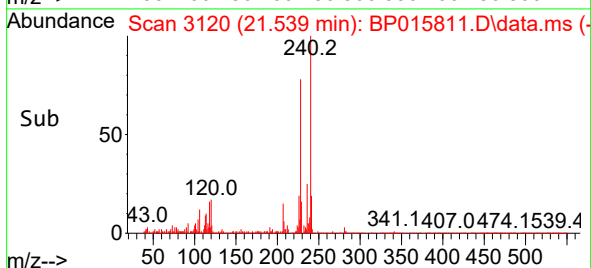
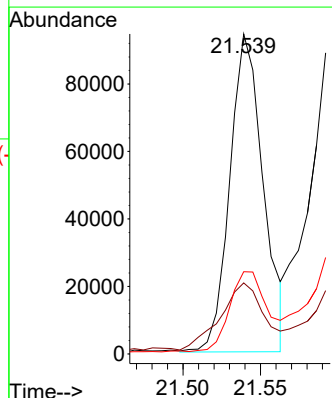
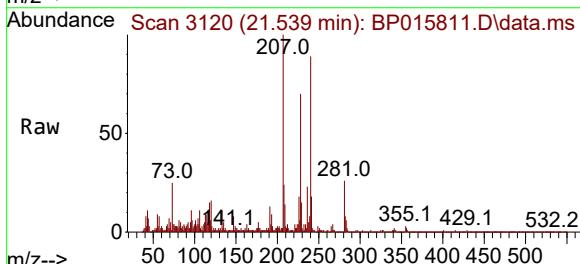
Instrument :
 BNA_P
 ClientSampleId :

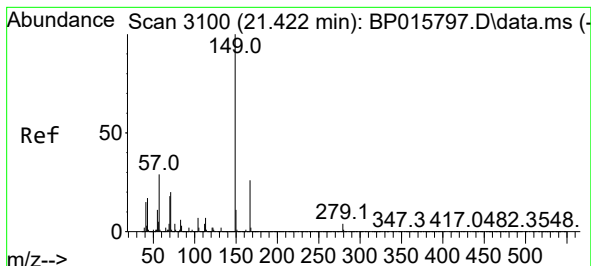
Tgt Ion:202 Resp: 272346
 Ion Ratio Lower Upper
 202 100
 101 15.2 9.3 13.9#
 100 13.2 7.6 11.4#



#85
 Benzo(a)anthracene
 Concen: 2.089 ng/ul
 RT: 21.539 min Scan# 3120
 Delta R.T. -0.000 min
 Lab File: BP015811.D
 Acq: 29 Jun 2023 15:13

Tgt Ion:228 Resp: 141406
 Ion Ratio Lower Upper
 228 100
 229 22.2 15.3 22.9
 226 25.7 21.4 32.0

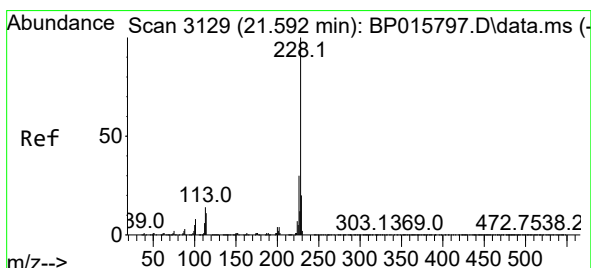
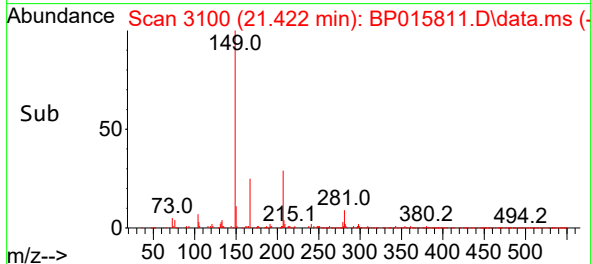
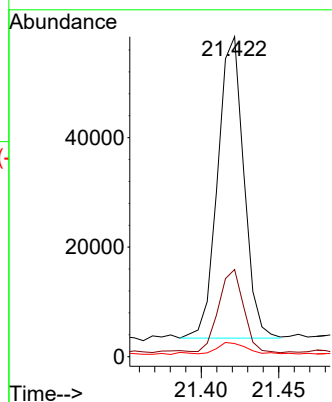
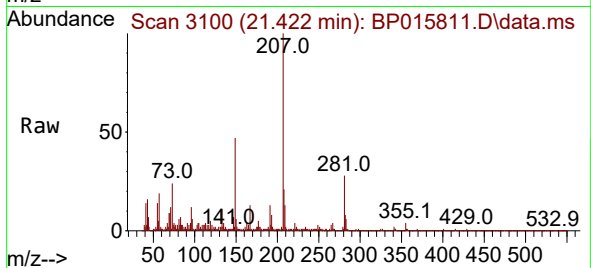




#86
 Bis(2-ethylhexyl)phthalate
 Concen: 1.448 ng/ul
 RT: 21.422 min Scan# 3100
 Delta R.T. -0.000 min
 Lab File: BP015811.D
 Acq: 29 Jun 2023 15:13

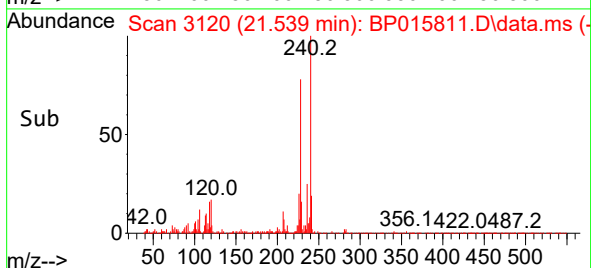
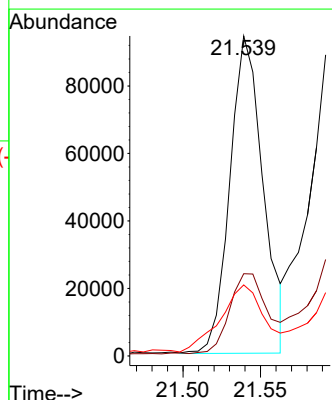
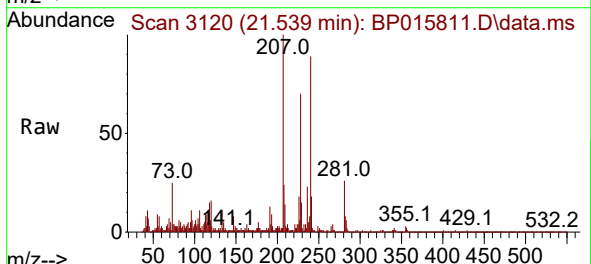
Instrument :
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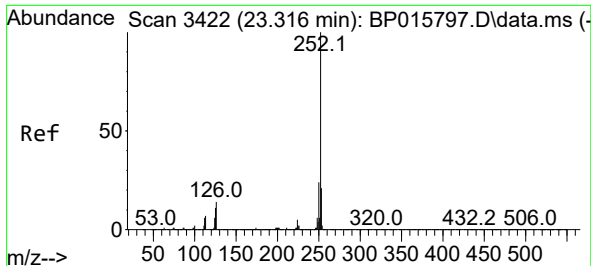
Tgt Ion:149 Resp: 64671
 Ion Ratio Lower Upper
 149 100
 167 27.3 21.0 31.6
 279 4.1 3.8 5.6



#87
 Chrysene
 Concen: 2.192 ng/ul
 RT: 21.539 min Scan# 3120
 Delta R.T. -0.059 min
 Lab File: BP015811.D
 Acq: 29 Jun 2023 15:13

Tgt Ion:228 Resp: 140795
 Ion Ratio Lower Upper
 228 100
 226 25.7 24.3 36.5
 229 22.2 15.5 23.3

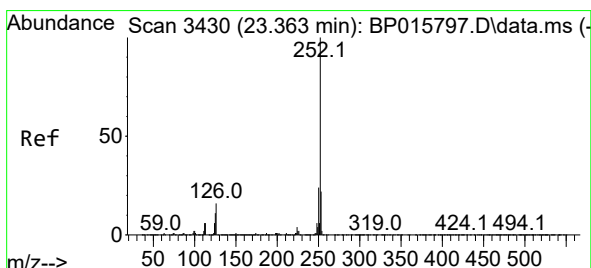
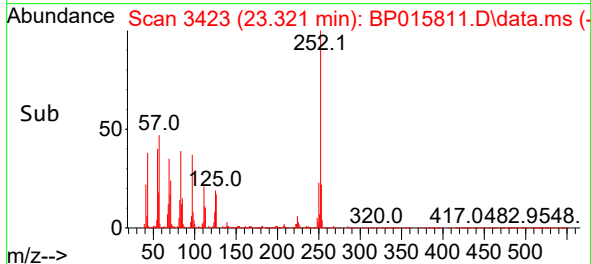
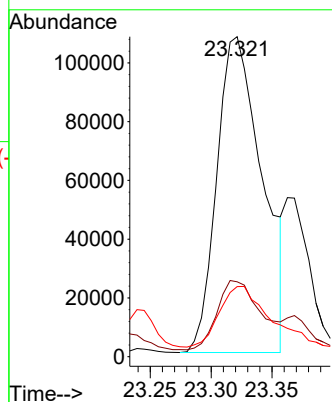
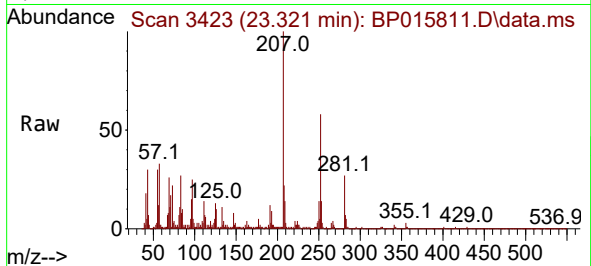




#90
Benzo(b)fluoranthene
Concen: 3.907 ng/ul
RT: 23.321 min Scan# 3422
Delta R.T. 0.006 min
Lab File: BP015811.D
Acq: 29 Jun 2023 15:13

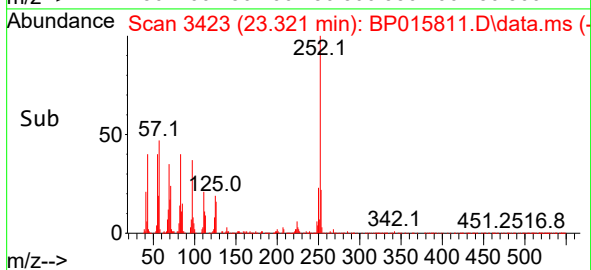
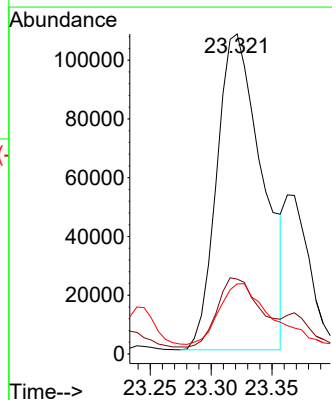
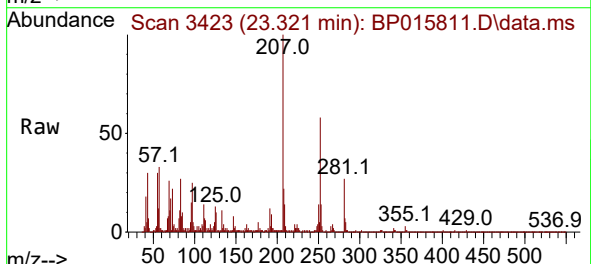
Instrument :
BNA_P
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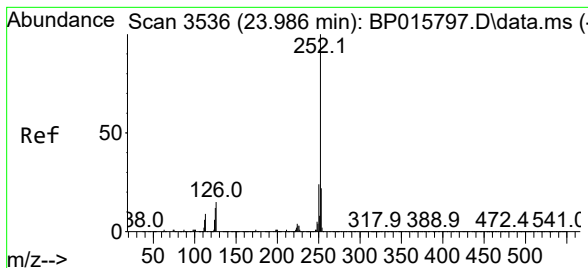
Tgt Ion:252 Resp: 279153
Ion Ratio Lower Upper
252 100
253 23.4 17.3 25.9
125 21.9 7.5 11.3#



#91
Benzo(k)fluoranthene
Concen: 3.867 ng/ul
RT: 23.321 min Scan# 3423
Delta R.T. -0.047 min
Lab File: BP015811.D
Acq: 29 Jun 2023 15:13

Tgt Ion:252 Resp: 279153
Ion Ratio Lower Upper
252 100
253 23.4 17.0 25.4
125 21.9 7.3 10.9#





#93

Benzo(a)pyrene

Concen: 2.602 ng/ul

RT: 23.986 min Scan# 3536

Delta R.T. -0.000 min

Lab File: BP015811.D

Acq: 29 Jun 2023 15:13

Instrument :

BNA_P

ClientSampleId :

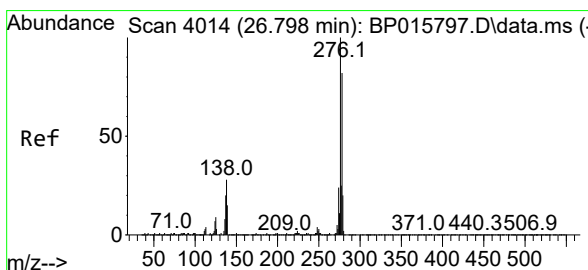
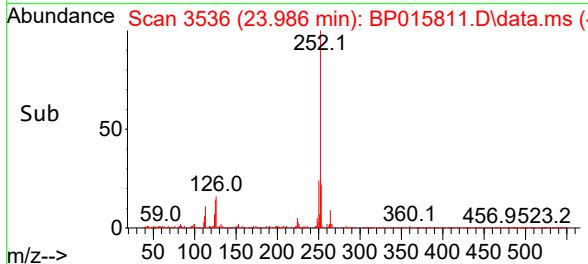
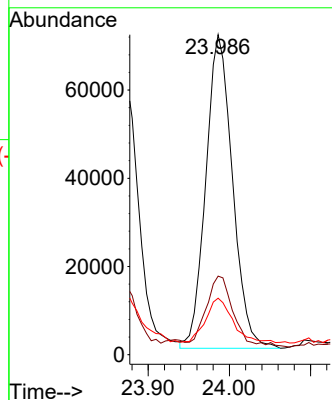
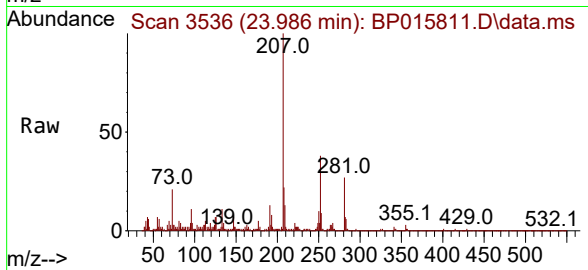
Tgt Ion:252 Resp: 162434

Ion Ratio Lower Upper

252 100

253 24.5 17.7 26.5

125 17.6 8.2 12.2#



#94

Indeno(1,2,3-cd)pyrene

Concen: 1.628 ng/ul

RT: 26.809 min Scan# 4016

Delta R.T. 0.012 min

Lab File: BP015811.D

Acq: 29 Jun 2023 15:13

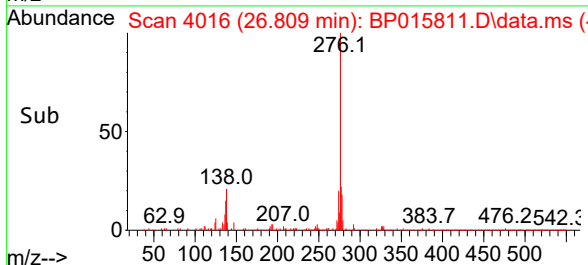
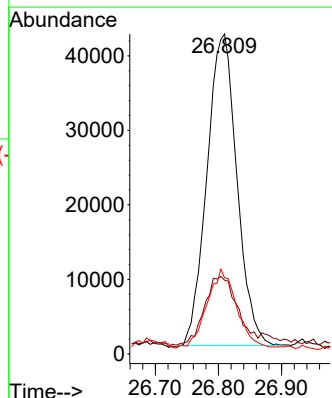
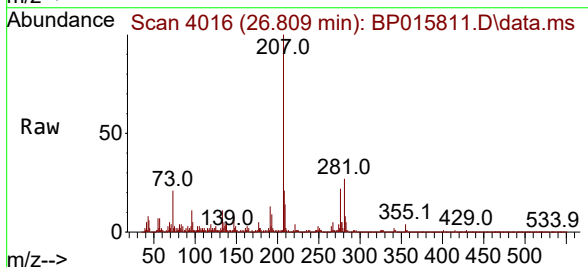
Tgt Ion:276 Resp: 137985

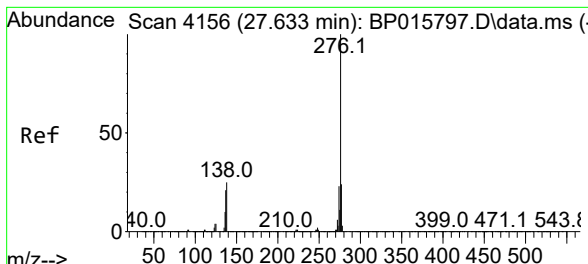
Ion Ratio Lower Upper

276 100

138 23.1 15.7 23.5

277 23.8 19.6 29.4





#96
 Benzo(g,h,i)perylene
 Concen: 1.730 ng/ul
 RT: 27.639 min Scan# 4157
 Delta R.T. 0.006 min
 Lab File: BP015811.D
 Acq: 29 Jun 2023 15:13

Instrument :
 BNA_P
 ClientSampleId :

Tgt Ion:	276	Resp:	120638
Ion Ratio	Lower	Upper	
276	100		
138	30.9	15.1	22.7#
277	24.1	18.8	28.2

