

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062923\
 Data File : BP015805.D
 Acq On : 29 Jun 2023 11:49
 Operator : MA/JU
 Sample : 03143-11
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :

Quant Time: Jun 29 22:25:35 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)

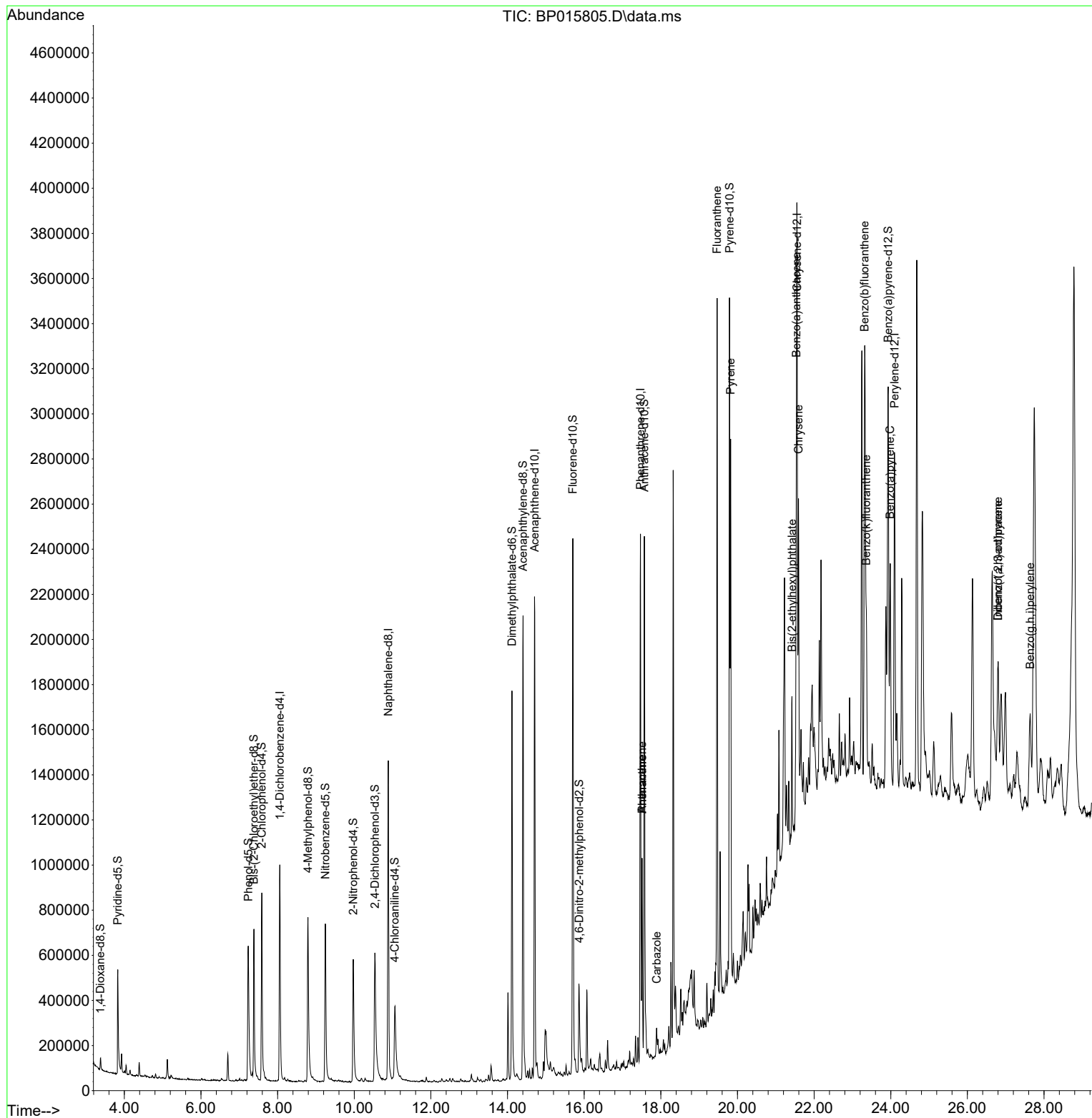
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.058	152	287866	20.000	ng/ul	0.00
20) Naphthalene-d8	10.887	136	1252665	20.000	ng/ul	# 0.00
38) Acenaphthene-d10	14.704	164	728554	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.469	188	1398843	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.557	240	1001118	20.000	ng/ul	0.00
88) Perylene-d12	24.098	264	1180101	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.376	96	26219	3.277	ng/uL	0.00
4) Pyridine-d5	3.828	84	265098	13.144	ng/ul	0.00
7) Phenol-d5	7.234	99	513643	20.854	ng/ul	0.01
9) Bis-(2-Chloroethyl)eth...	7.381	67	346914	22.766	ng/ul	0.00
11) 2-Chlorophenol-d4	7.587	132	408391	21.965	ng/ul	0.00
15) 4-Methylphenol-d8	8.793	113	376567	19.353	ng/ul	0.00
21) Nitrobenzene-d5	9.246	128	197522	20.633	ng/ul	0.00
24) 2-Nitrophenol-d4	9.975	143	215788	19.313	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.540	165	363316	18.247	ng/ul	0.02
31) 4-Chloroaniline-d4	11.057	131	333036	13.021	ng/ul	0.02
46) Dimethylphthalate-d6	14.116	166	1237286	21.972	ng/ul	0.00
49) Acenaphthylene-d8	14.404	160	1388450	21.934	ng/ul	0.00
54) 4-Nitrophenol-d4	14.928	143	160	0.022	ng/ul	-0.02
60) Fluorene-d10	15.704	176	999566	21.558	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.869	200	116340	13.524	ng/ul	0.01
73) Anthracene-d10	17.569	188	1420050	22.224	ng/ul	0.00
81) Pyrene-d10	19.792	212	1402063	21.448	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.933	264	1327793	22.305	ng/ul	0.00
Target Compounds						
					Qvalue	
72) Phenanthrene	17.510	178	514017	6.764	ng/ul	99
74) Anthracene	17.510	178	514017	6.732	ng/ul	99
77) Carbazole	17.892	167	89577	1.392	ng/ul	99
80) Fluoranthene	19.469	202	1705014	20.987	ng/ul#	93
82) Pyrene	19.822	202	1344637	16.225	ng/ul#	90
85) Benzo(a)anthracene	21.539	228	683881	9.711	ng/ul	97
86) Bis(2-ethylhexyl)phtha...	21.422	149	209406	4.507	ng/ul	99
87) Chrysene	21.592	228	836250	12.516	ng/ul	98
90) Benzo(b)fluoranthene	23.316	252	1290405	17.018	ng/ul#	95
91) Benzo(k)fluoranthene	23.363	252	409409	5.344	ng/ul#	93
93) Benzo(a)pyrene	23.986	252	796386	12.020	ng/ul#	95
94) Indeno(1,2,3-cd)pyrene	26.798	276	666215	7.407	ng/ul#	95
95) Dibenzo(a,h)anthracene	26.798	278	173880	2.354	ng/ul#	73
96) Benzo(g,h,i)perylene	27.639	276	595692	8.050	ng/ul#	92

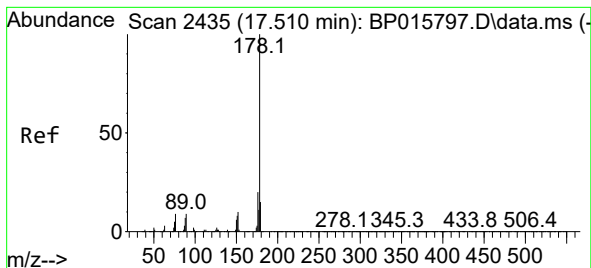
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SVOA CALIBRATION
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Response via : Initial Calibration





#72

Phenanthrene

Concen: 6.764 ng/ul

RT: 17.510 min Scan# 2435

Delta R.T. 0.000 min

Lab File: BP015805.D

Acq: 29 Jun 2023 11:49

Instrument :

BNA_P

ClientSampleId :

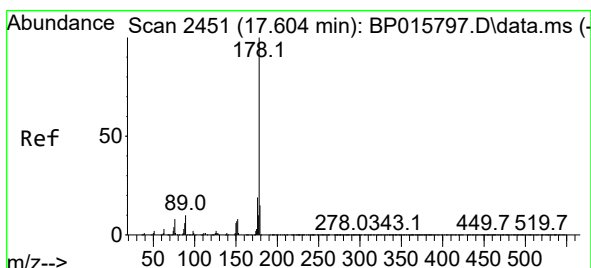
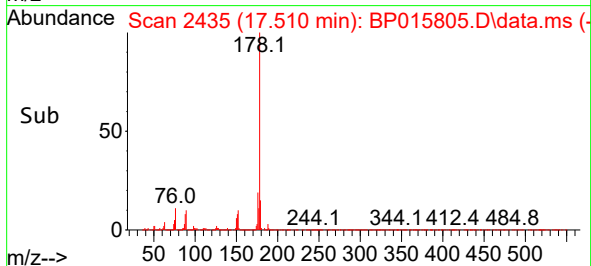
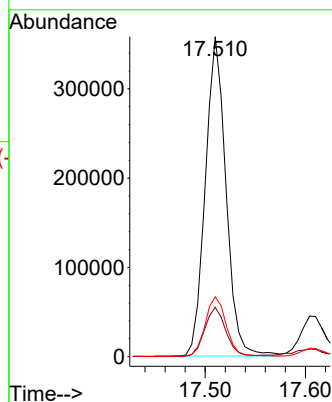
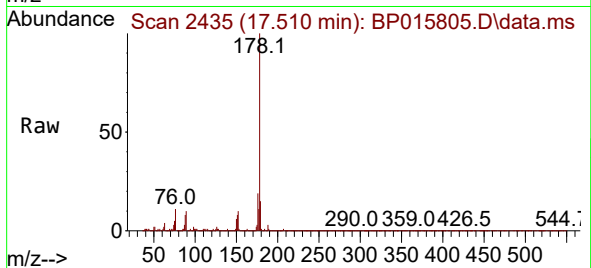
Tgt Ion:178 Resp: 514017

Ion Ratio Lower Upper

178 100

179 15.4 12.4 18.6

176 18.7 15.6 23.4



#74

Anthracene

Concen: 6.732 ng/ul

RT: 17.510 min Scan# 2435

Delta R.T. -0.094 min

Lab File: BP015805.D

Acq: 29 Jun 2023 11:49

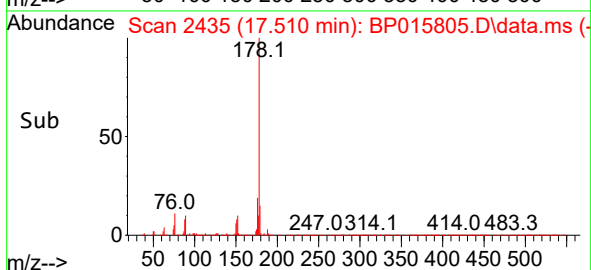
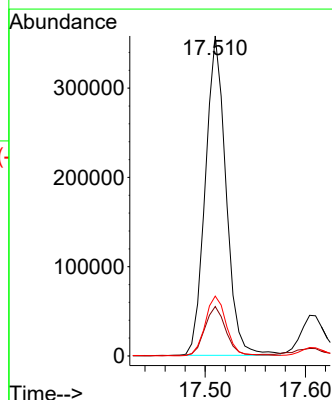
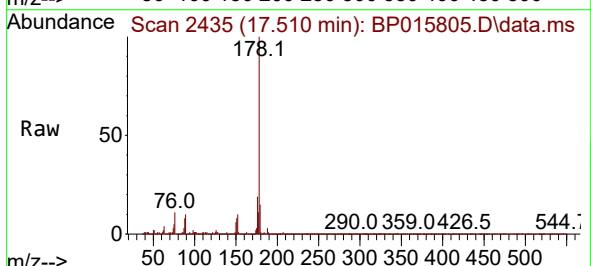
Tgt Ion:178 Resp: 514017

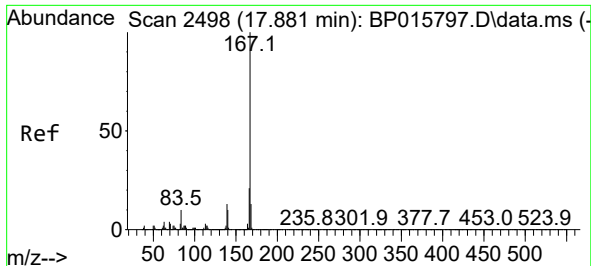
Ion Ratio Lower Upper

178 100

179 15.4 12.1 18.1

176 18.7 14.6 22.0

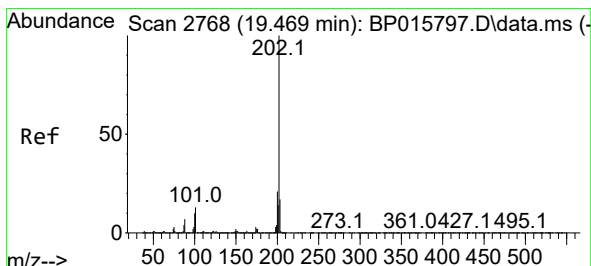
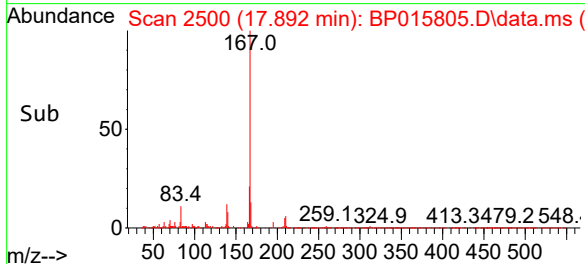
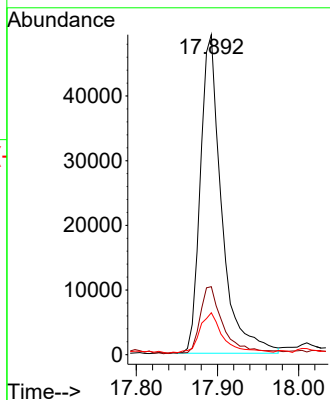
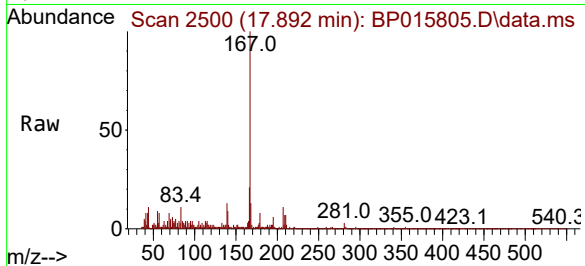




#77
 Carbazole
 Concen: 1.392 ng/ul
 RT: 17.892 min Scan# 2498
 Delta R.T. 0.012 min
 Lab File: BP015805.D
 Acq: 29 Jun 2023 11:49

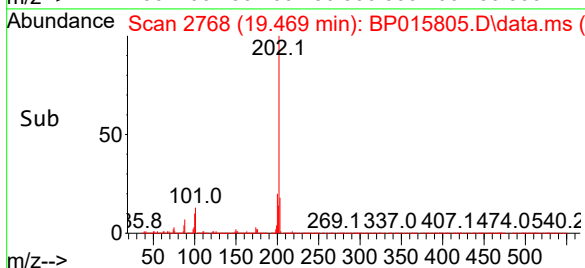
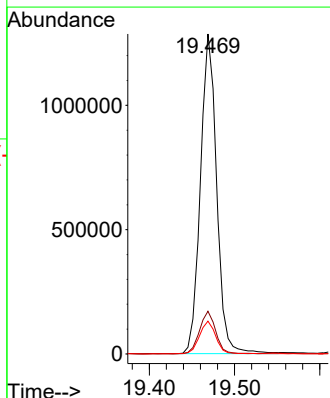
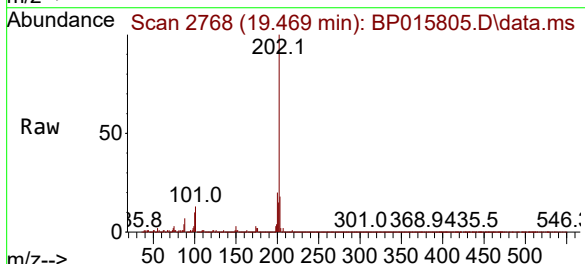
Instrument :
 BNA_P
 ClientSampleId :

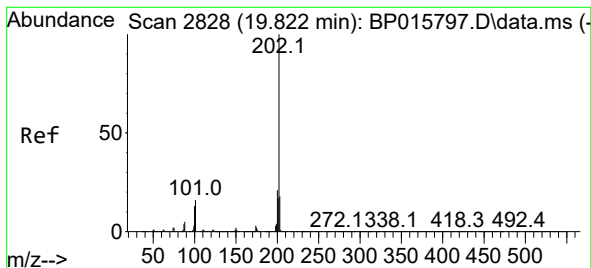
Tgt Ion:167 Resp: 89577
 Ion Ratio Lower Upper
 167 100
 166 21.3 17.4 26.0
 139 13.1 11.0 16.4



#80
 Fluoranthene
 Concen: 20.987 ng/ul
 RT: 19.469 min Scan# 2768
 Delta R.T. -0.006 min
 Lab File: BP015805.D
 Acq: 29 Jun 2023 11:49

Tgt Ion:202 Resp: 1705014
 Ion Ratio Lower Upper
 202 100
 101 13.3 8.3 12.5#
 100 10.3 6.6 9.8#





#82

Pyrene

Concen: 16.225 ng/ul

RT: 19.822 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP015805.D

Acq: 29 Jun 2023 11:49

Instrument :

BNA_P

ClientSampleId :

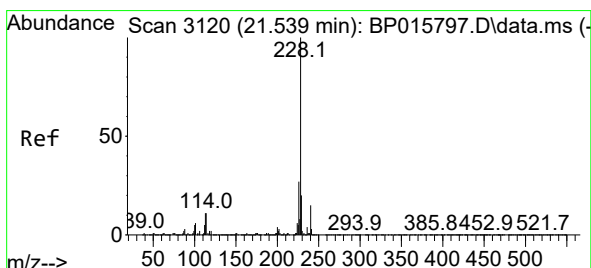
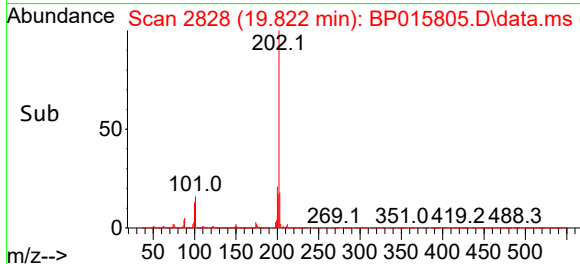
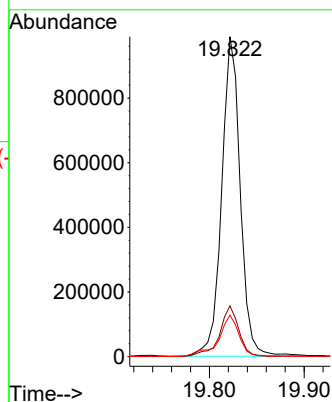
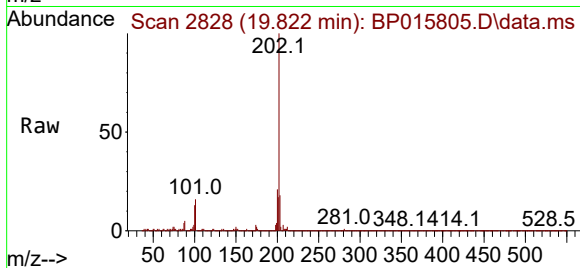
Tgt Ion:202 Resp: 1344637

Ion Ratio Lower Upper

202 100

101 15.8 9.3 13.9#

100 12.9 7.6 11.4#



#85

Benzo(a)anthracene

Concen: 9.711 ng/ul

RT: 21.539 min Scan# 3120

Delta R.T. 0.000 min

Lab File: BP015805.D

Acq: 29 Jun 2023 11:49

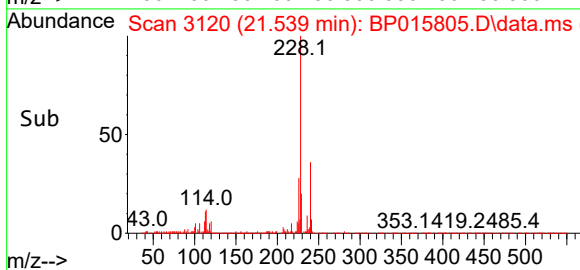
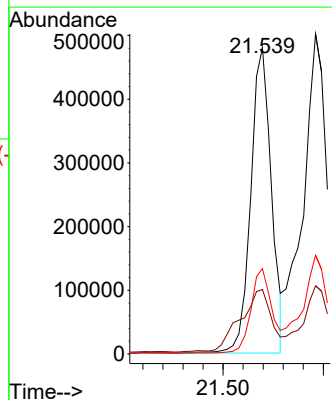
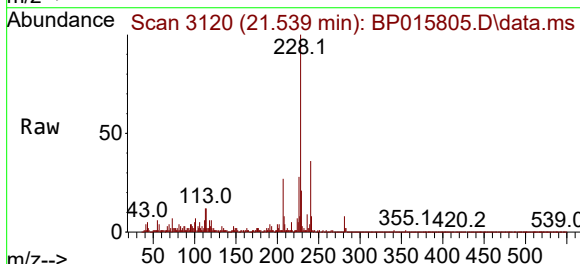
Tgt Ion:228 Resp: 683881

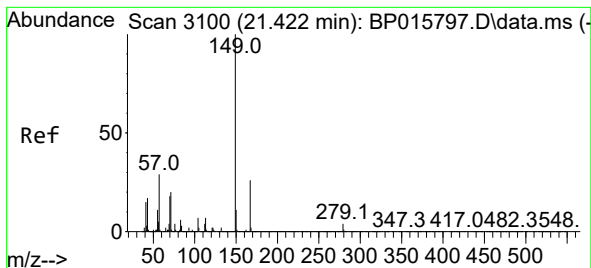
Ion Ratio Lower Upper

228 100

229 21.1 15.3 22.9

226 27.9 21.4 32.0

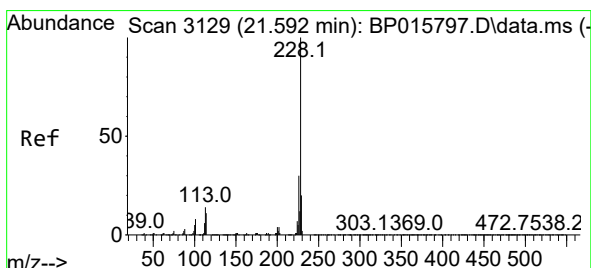
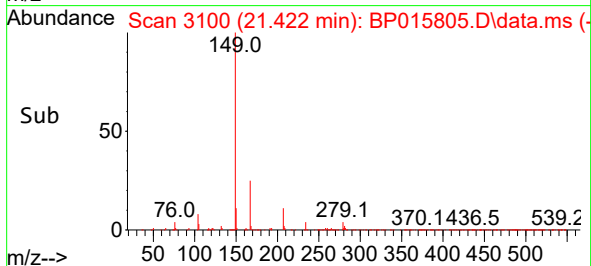
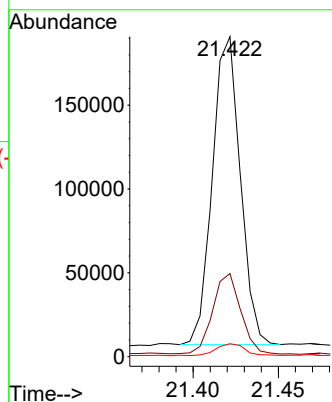
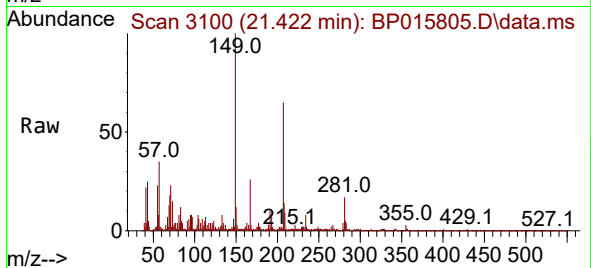




#86
 Bis(2-ethylhexyl)phthalate
 Concen: 4.507 ng/ul
 RT: 21.422 min Scan# 3100
 Delta R.T. 0.000 min
 Lab File: BP015805.D
 Acq: 29 Jun 2023 11:49

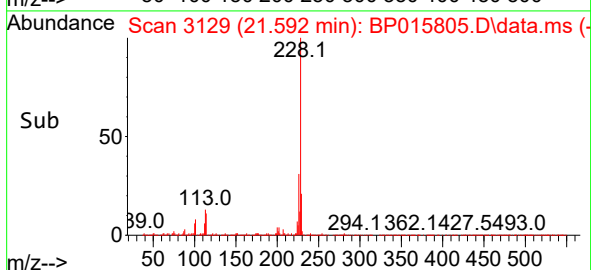
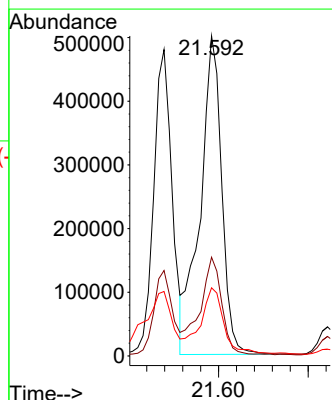
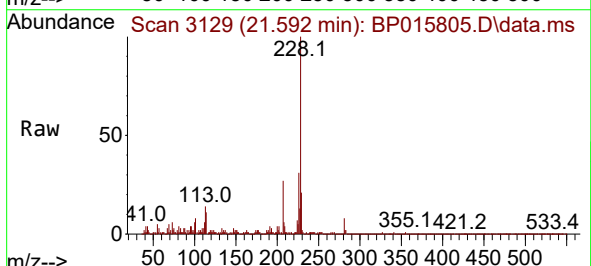
Instrument :
 BNA_P
 ClientSampleId :

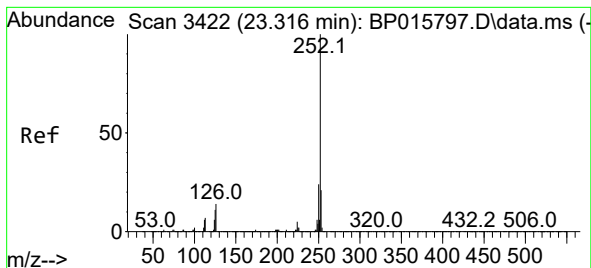
Tgt Ion:149 Resp: 209406
 Ion Ratio Lower Upper
 149 100
 167 26.0 21.0 31.6
 279 4.0 3.8 5.6



#87
 Chrysene
 Concen: 12.516 ng/ul
 RT: 21.592 min Scan# 3129
 Delta R.T. -0.006 min
 Lab File: BP015805.D
 Acq: 29 Jun 2023 11:49

Tgt Ion:228 Resp: 836250
 Ion Ratio Lower Upper
 228 100
 226 30.9 24.3 36.5
 229 21.3 15.5 23.3





#90

Benzo(b)fluoranthene

Concen: 17.018 ng/ul

RT: 23.316 min Scan# 3422

Delta R.T. 0.000 min

Lab File: BP015805.D

Acq: 29 Jun 2023 11:49

Instrument :

BNA_P

ClientSampleId :

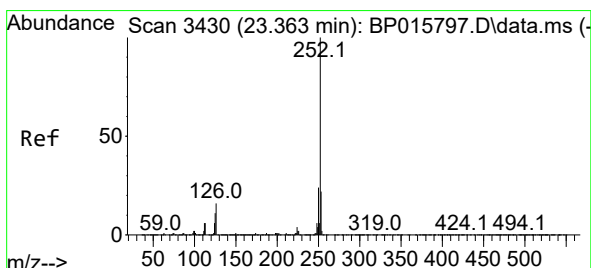
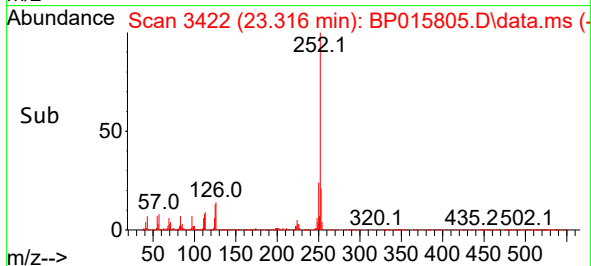
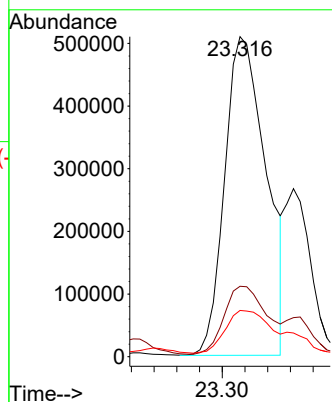
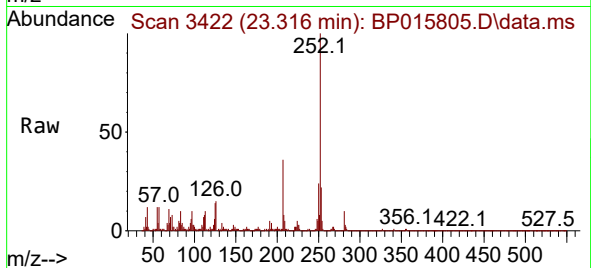
Tgt Ion:252 Resp: 1290405

Ion Ratio Lower Upper

252 100

253 22.0 17.3 25.9

125 14.5 7.5 11.3#



#91

Benzo(k)fluoranthene

Concen: 5.344 ng/ul

RT: 23.363 min Scan# 3430

Delta R.T. -0.006 min

Lab File: BP015805.D

Acq: 29 Jun 2023 11:49

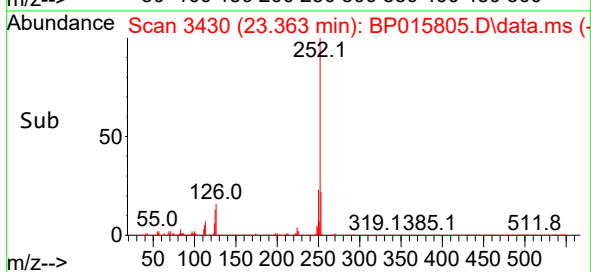
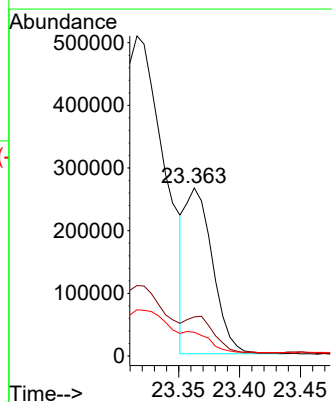
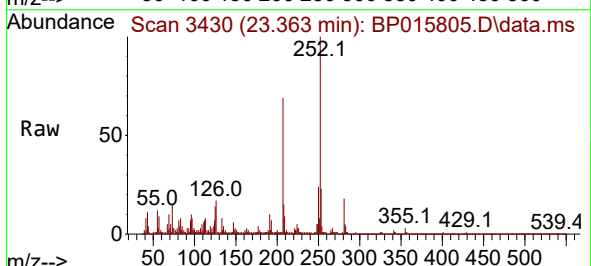
Tgt Ion:252 Resp: 409409

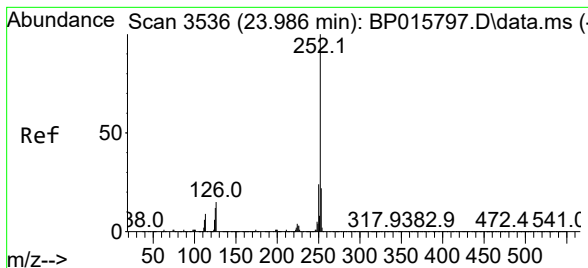
Ion Ratio Lower Upper

252 100

253 23.2 17.0 25.4

125 14.1 7.3 10.9#





#93

Benzo(a)pyrene

Concen: 12.020 ng/ul

RT: 23.986 min Scan# 3536

Delta R.T. 0.000 min

Lab File: BP015805.D

Acq: 29 Jun 2023 11:49

Instrument :

BNA_P

ClientSampleId :

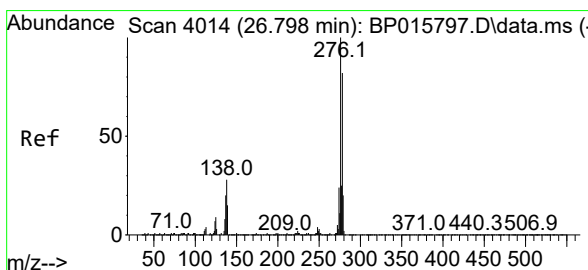
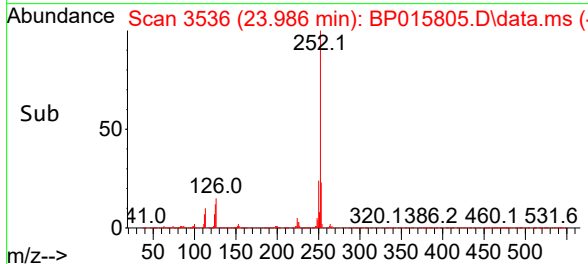
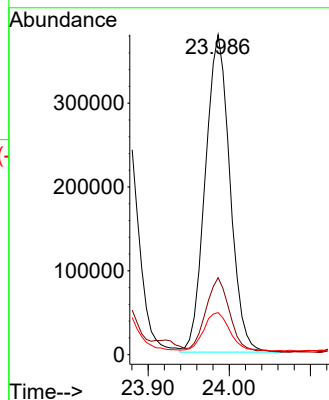
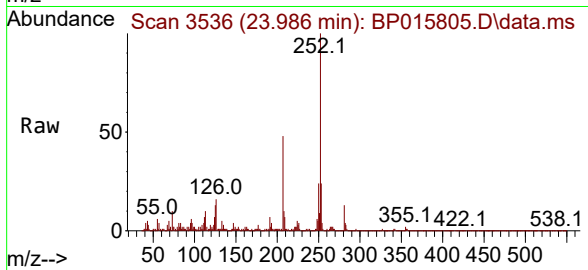
Tgt Ion:252 Resp: 796386

Ion Ratio Lower Upper

252 100

253 24.1 17.7 26.5

125 13.1 8.2 12.2#



#94

Indeno(1,2,3-cd)pyrene

Concen: 7.407 ng/ul

RT: 26.798 min Scan# 4014

Delta R.T. 0.000 min

Lab File: BP015805.D

Acq: 29 Jun 2023 11:49

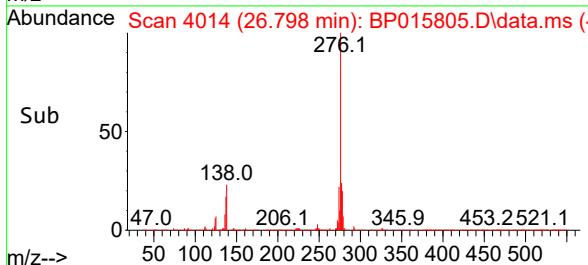
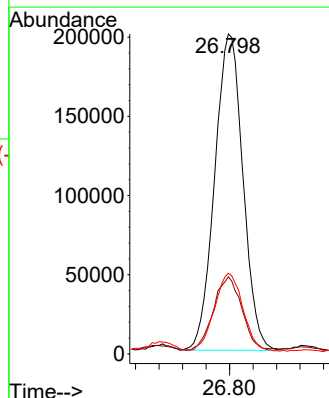
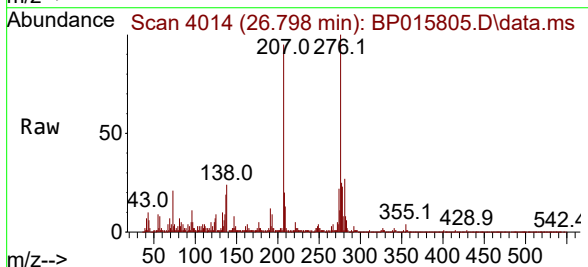
Tgt Ion:276 Resp: 666215

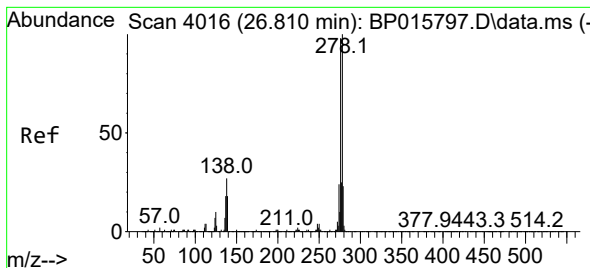
Ion Ratio Lower Upper

276 100

138 24.1 15.7 23.5#

277 25.2 19.6 29.4





#95

Dibenzo(a,h)anthracene

Concen: 2.354 ng/ul

RT: 26.798 min Scan# 4016

Delta R.T. -0.012 min

Lab File: BP015805.D

Acq: 29 Jun 2023 11:49

Instrument :

BNA_P

ClientSampleId :

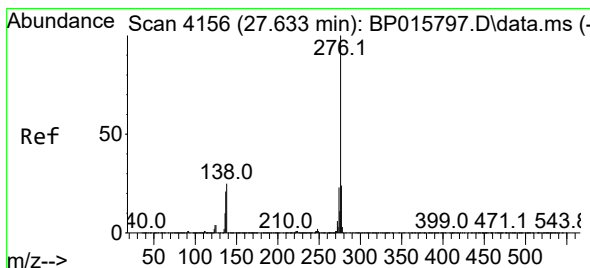
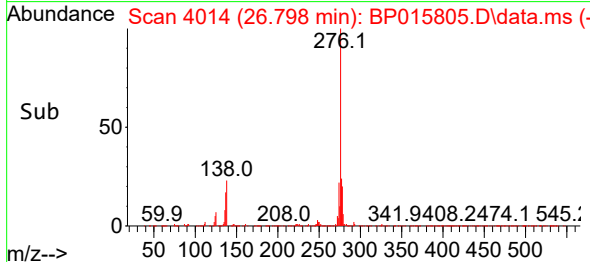
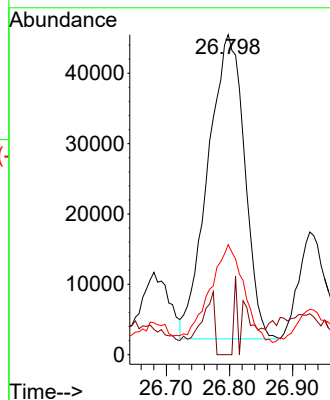
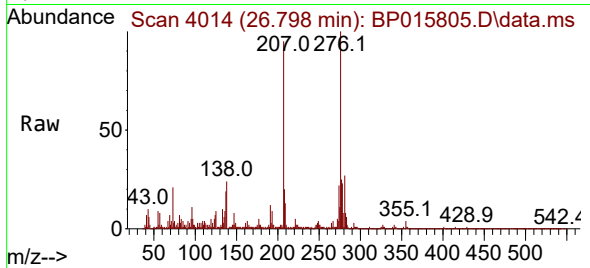
Tgt Ion:278 Resp: 173880

Ion Ratio Lower Upper

278 100

139 0.0 10.5 15.7#

279 34.4 18.4 27.6#



#96

Benzo(g,h,i)perylene

Concen: 8.050 ng/ul

RT: 27.639 min Scan# 4157

Delta R.T. 0.006 min

Lab File: BP015805.D

Acq: 29 Jun 2023 11:49

Tgt Ion:276 Resp: 595692

Ion Ratio Lower Upper

276 100

138 25.0 15.1 22.7#

277 25.6 18.8 28.2

