

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP032023\
 Data File : BP014188.D
 Acq On : 21 Mar 2023 19:28
 Operator : CG/JU
 Sample : 01947-01
 Misc :
 ALS Vial : 58 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 CB929

Quant Time: Mar 22 01:21:47 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP030723.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Mar 21 04:47:07 2023
 Response via : Initial Calibration

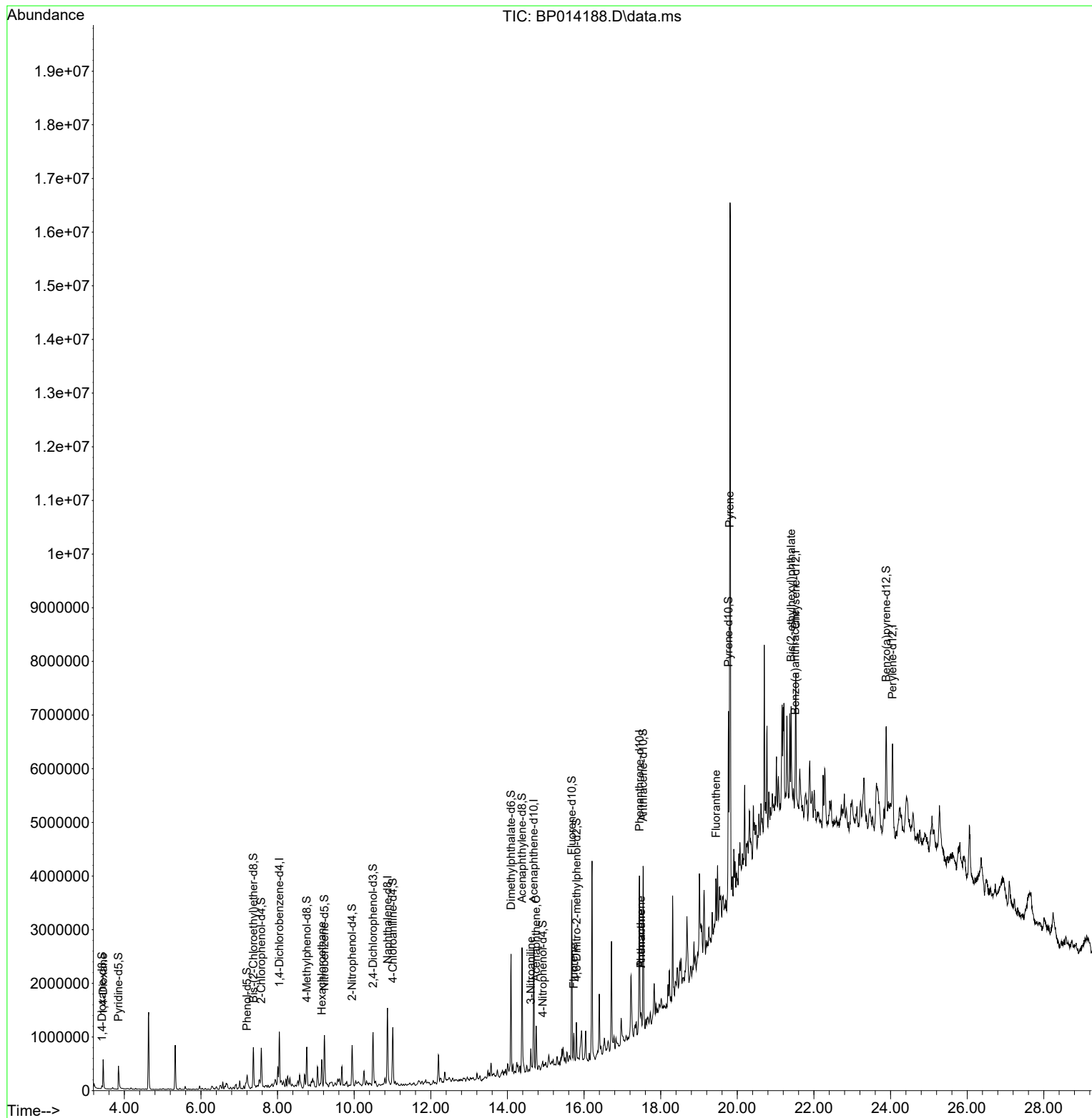
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.046	152	265325	20.000	ng/u1	0.00
20) Naphthalene-d8	10.869	136	1093169	20.000	ng/u1	# 0.00
38) Acenaphthene-d10	14.687	164	727162	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.445	188	1538315	20.000	ng/u1	# 0.00
79) Chrysene-d12	21.527	240	1149242	20.000	ng/u1	# 0.00
88) Perylene-d12	24.051	264	1208793	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.417	96	25312	3.604	ng/uL	0.00
4) Pyridine-d5	3.846	84	244586	12.579	ng/u1	0.00
7) Phenol-d5	7.205	99	137832	5.887	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.369	67	326777	23.930	ng/u1	0.00
11) 2-Chlorophenol-d4	7.575	132	283748	15.906	ng/u1	0.00
15) 4-Methylphenol-d8	8.763	113	264422	13.825	ng/u1	0.00
21) Nitrobenzene-d5	9.222	128	191297	21.932	ng/u1	0.00
24) 2-Nitrophenol-d4	9.946	143	206720	19.799	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.493	165	339839	17.298	ng/u1	0.00
31) 4-Chloroaniline-d4	11.010	131	519790	19.993	ng/u1	0.00
46) Dimethylphthalate-d6	14.092	166	1313793	21.289	ng/u1	0.00
49) Acenaphthylene-d8	14.381	160	1450766	22.192	ng/u1	0.00
54) 4-Nitrophenol-d4	14.922	143	32485	2.987	ng/u1	0.02
60) Fluorene-d10	15.681	176	1125046	21.511	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.804	200	136913	11.776	ng/u1	0.00
73) Anthracene-d10	17.539	188	1735105	23.235	ng/u1	0.00
81) Pyrene-d10	19.769	212	1790045	28.241	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.886	264	1478492	22.994	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.446	88	278006	36.672	ng/uL	90
19) Hexachloroethane	9.152	117	23007	2.923	ng/u1#	1
51) 3-Nitroaniline	14.610	138	11529	1.078	ng/u1#	1
52) Acenaphthene	14.751	153	308230	6.427	ng/u1	99
61) Fluorene	15.734	166	178497	3.086	ng/u1	99
72) Phenanthrene	17.486	178	187136	2.230	ng/u1	97
74) Anthracene	17.486	178	188042	2.210	ng/u1	97
80) Fluoranthene	19.445	202	601408	8.324	ng/u1#	96
82) Pyrene	19.798	202	460985	6.117	ng/u1#	89
85) Benzo(a)anthracene	21.510	228	80959	1.002	ng/u1#	91
86) Bis(2-ethylhexyl)phtha...	21.404	149	397897	8.758	ng/u1	97

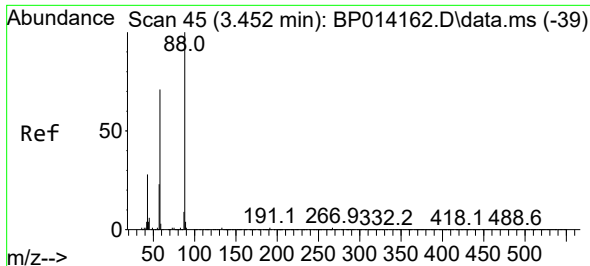
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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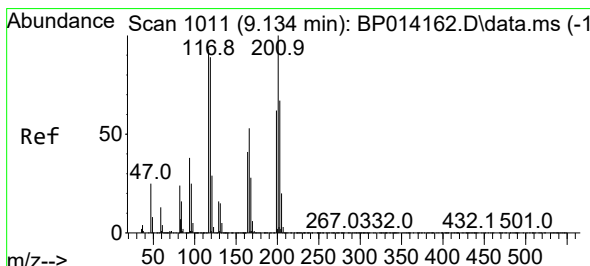
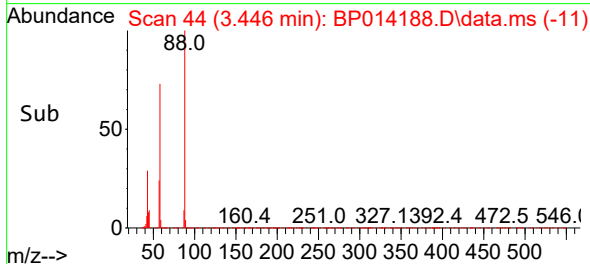
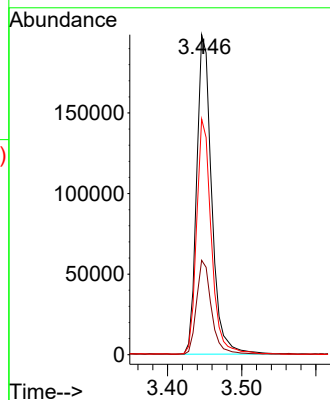
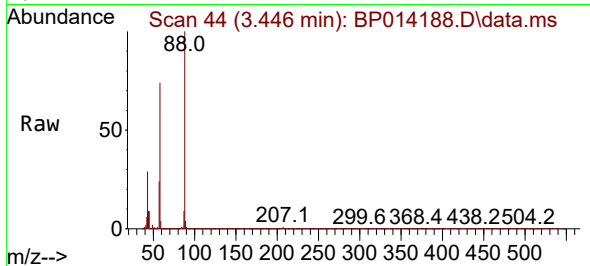




#2
 1,4-Dioxane
 Concen: 36.672 ng/uL
 RT: 3.446 min Scan# 41
 Delta R.T. -0.006 min
 Lab File: BP014188.D
 Acq: 21 Mar 2023 19:28

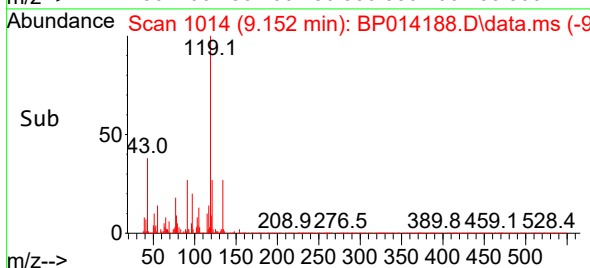
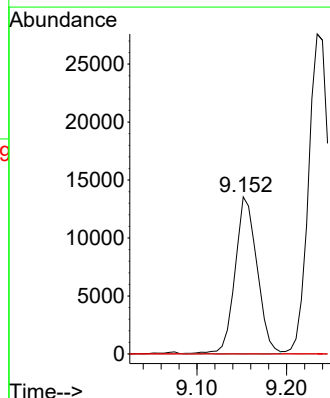
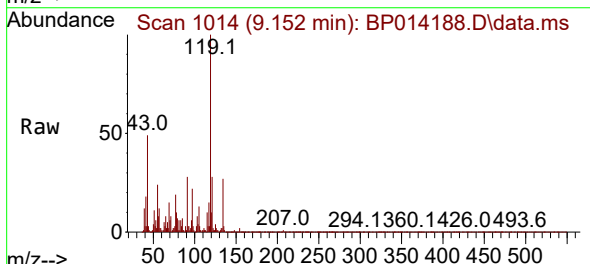
Instrument :
 BNA_P
 ClientSampleId :
 CB929

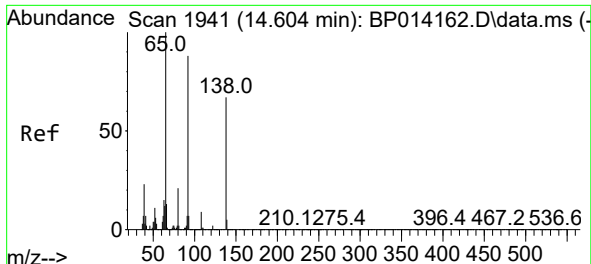
Tgt Ion: 88 Resp: 278006
 Ion Ratio Lower Upper
 88 100
 43 29.5 23.9 35.9
 58 73.7 50.2 75.2



#19
 Hexachloroethane
 Concen: 2.923 ng/uL
 RT: 9.152 min Scan# 1014
 Delta R.T. 0.018 min
 Lab File: BP014188.D
 Acq: 21 Mar 2023 19:28

Tgt Ion: 117 Resp: 23007
 Ion Ratio Lower Upper
 117 100
 201 0.0 91.7 137.5#
 199 0.0 59.1 88.7#

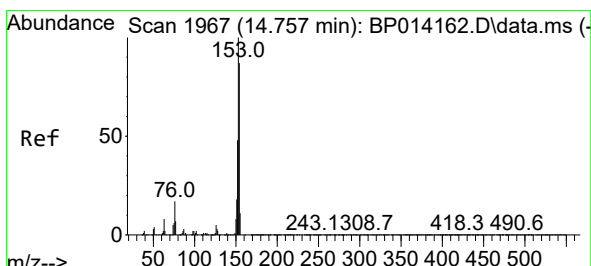
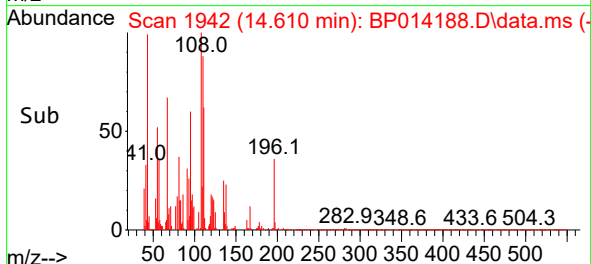
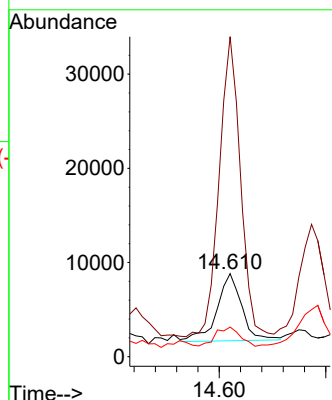
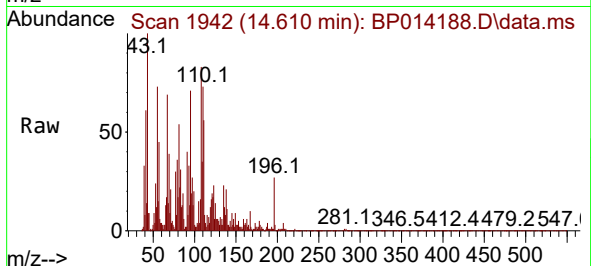




#51
3-Nitroaniline
Concen: 1.078 ng/ul
RT: 14.610 min Scan# 1942
Delta R.T. 0.006 min
Lab File: BP014188.D
Acq: 21 Mar 2023 19:28

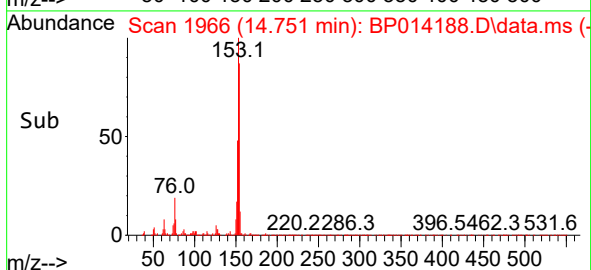
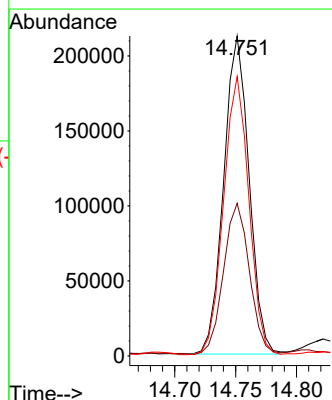
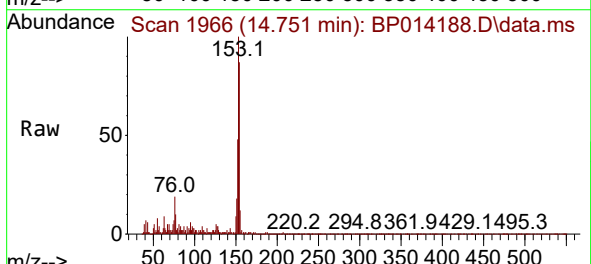
Instrument :
BNA_P
ClientSampleId :
CB929

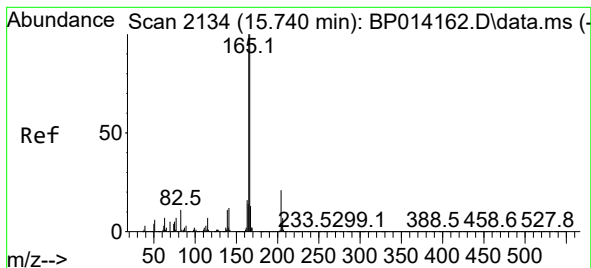
Tgt Ion:138 Resp: 11529
Ion Ratio Lower Upper
138 100
108 385.6 10.5 15.7#
92 35.6 98.5 147.7#



#52
Acenaphthene
Concen: 6.427 ng/ul
RT: 14.751 min Scan# 1966
Delta R.T. -0.006 min
Lab File: BP014188.D
Acq: 21 Mar 2023 19:28

Tgt Ion:153 Resp: 308230
Ion Ratio Lower Upper
153 100
152 47.7 37.7 56.5
154 87.3 70.4 105.6





#61

Fluorene

Concen: 3.086 ng/ul

RT: 15.734 min Scan# 2134

Delta R.T. -0.006 min

Lab File: BP014188.D

Acq: 21 Mar 2023 19:28

Instrument :

BNA_P

ClientSampleId :

CB929

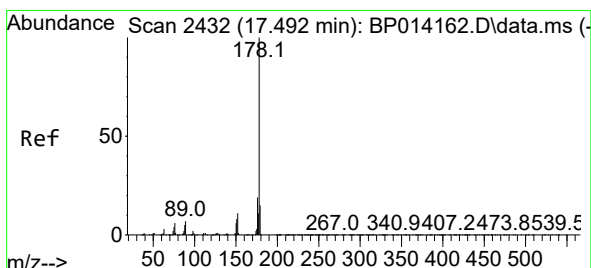
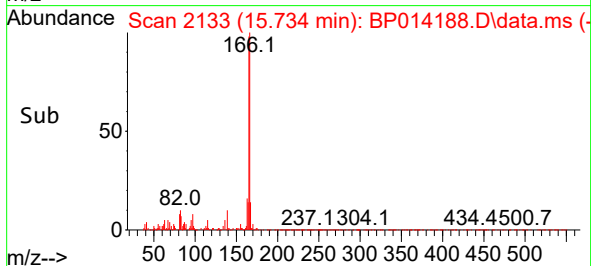
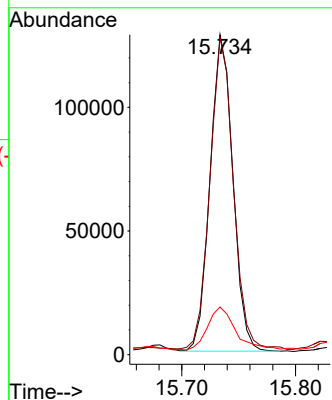
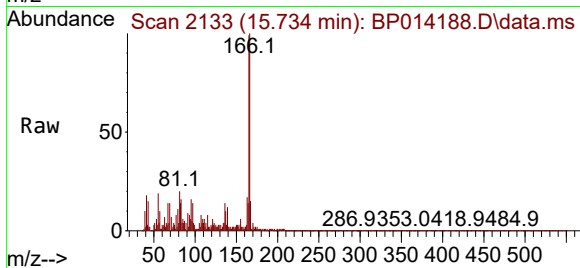
Tgt Ion:166 Resp: 178497

Ion Ratio Lower Upper

166 100

165 99.1 78.9 118.3

167 14.9 11.0 16.6



#72

Phenanthrene

Concen: 2.230 ng/ul

RT: 17.486 min Scan# 2431

Delta R.T. -0.006 min

Lab File: BP014188.D

Acq: 21 Mar 2023 19:28

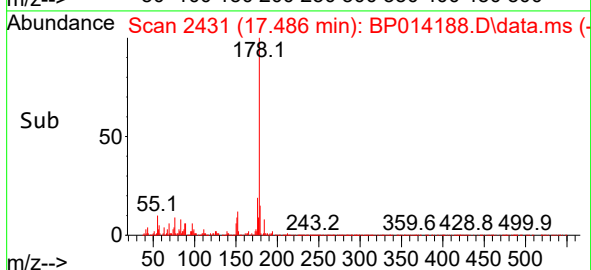
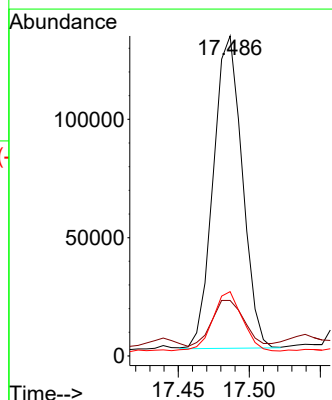
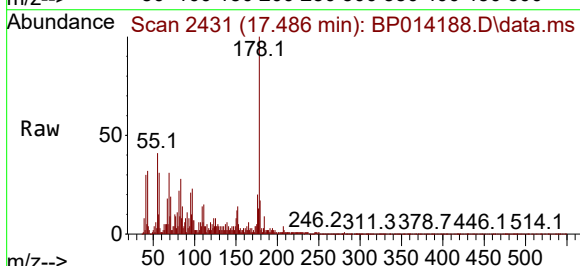
Tgt Ion:178 Resp: 187136

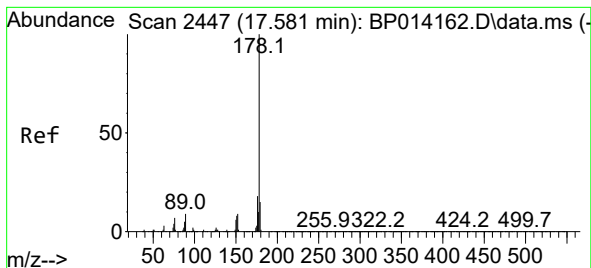
Ion Ratio Lower Upper

178 100

179 17.3 12.2 18.4

176 20.1 15.4 23.0





#74

Anthracene

Concen: 2.210 ng/ul

RT: 17.486 min Scan# 2447

Delta R.T. -0.094 min

Lab File: BP014188.D

Acq: 21 Mar 2023 19:28

Instrument :

BNA_P

ClientSampleId :

CB929

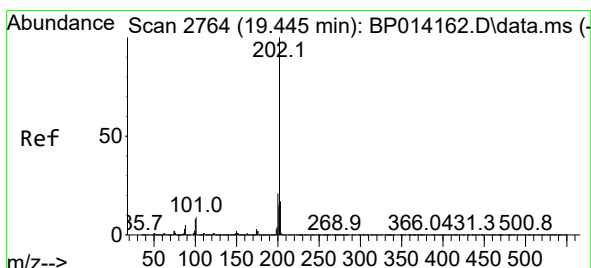
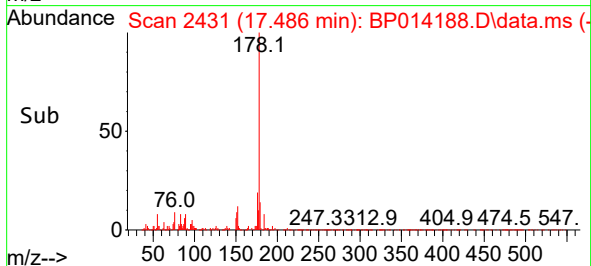
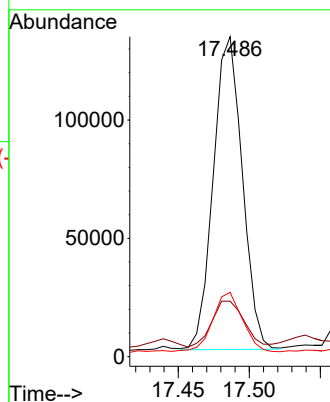
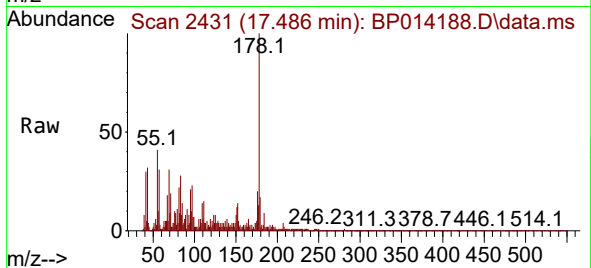
Tgt Ion:178 Resp: 188042

Ion Ratio Lower Upper

178 100

179 17.3 12.5 18.7

176 20.1 15.1 22.7



#80

Fluoranthene

Concen: 8.324 ng/ul

RT: 19.445 min Scan# 2764

Delta R.T. -0.000 min

Lab File: BP014188.D

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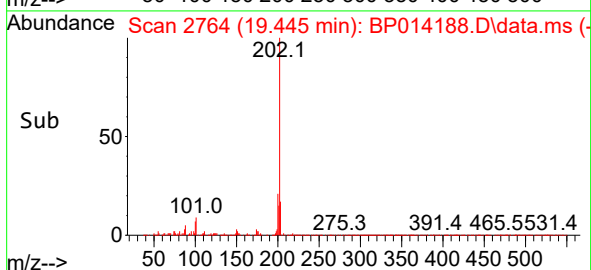
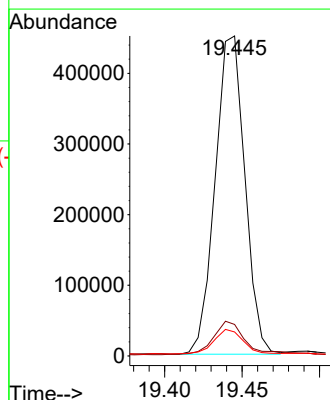
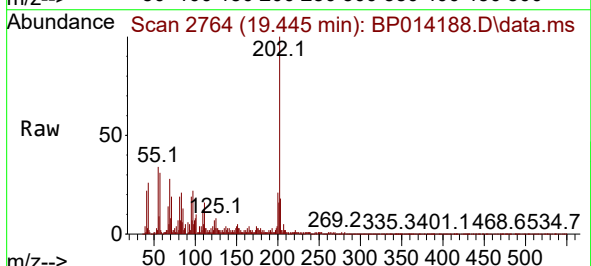
Tgt Ion:202 Resp: 601408

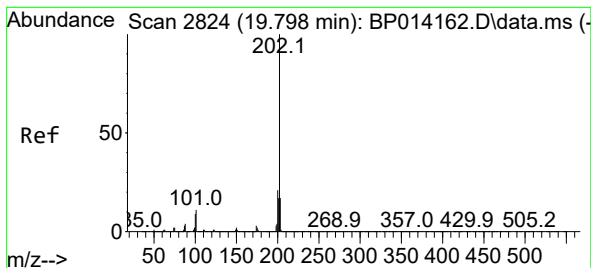
Ion Ratio Lower Upper

202 100

101 9.9 6.6 10.0

100 7.5 5.0 7.4#





#82

Pyrene

Concen: 6.117 ng/ul

RT: 19.798 min Scan# 21

Delta R.T. -0.000 min

Lab File: BP014188.D

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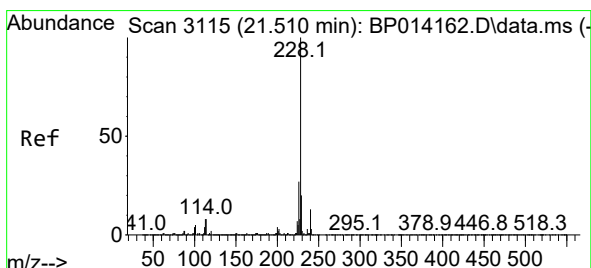
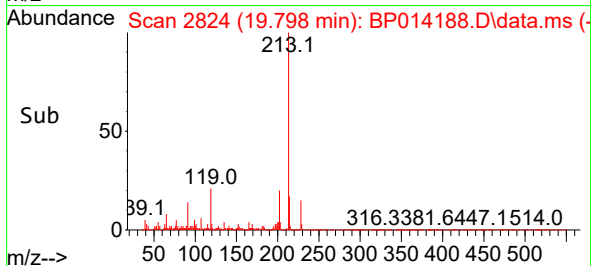
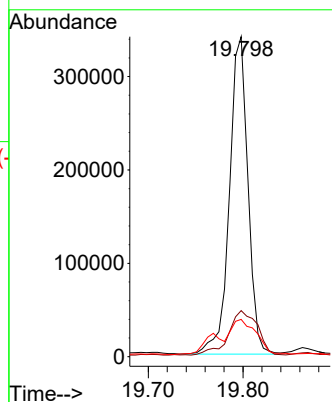
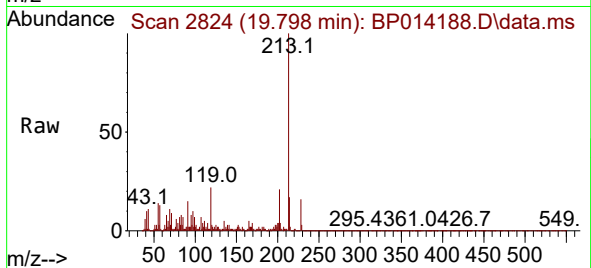
Tgt Ion:202 Resp: 460985

Ion Ratio Lower Upper

202 100

101 14.4 7.8 11.8#

100 11.7 6.5 9.7#



#85

Benzo(a)anthracene

Concen: 1.002 ng/ul

RT: 21.510 min Scan# 3115

Delta R.T. -0.000 min

Lab File: BP014188.D

Acq: 21 Mar 2023 19:28

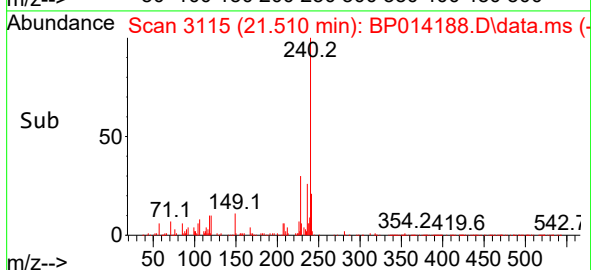
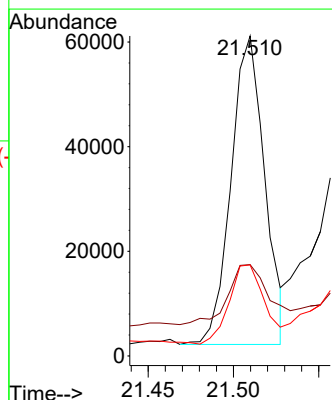
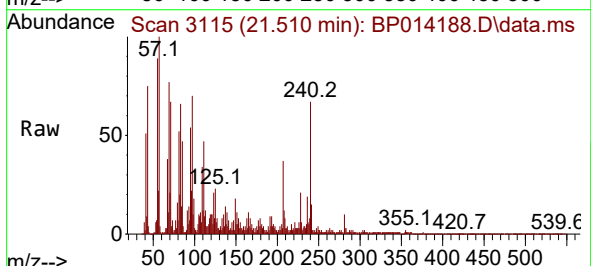
Tgt Ion:228 Resp: 80959

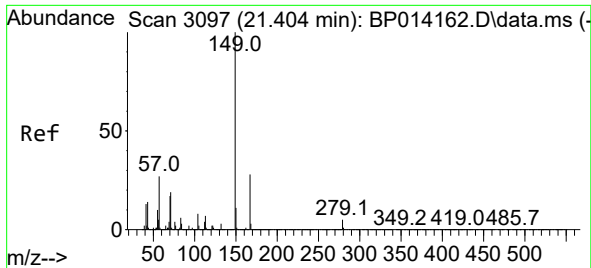
Ion Ratio Lower Upper

228 100

229 28.5 15.5 23.3#

226 28.5 22.1 33.1





#86
 Bis(2-ethylhexyl)phthalate
 Concen: 8.758 ng/ul
 RT: 21.404 min Scan# 3097
 Delta R.T. -0.000 min
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Tgt Ion:149	Resp:	397897
Ion	Ratio	Lower Upper
149	100	
167	29.9	22.3 33.5
279	5.6	4.3 6.5

