

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081922\
 Data File : BP011508.D
 Acq On : 19 Aug 2022 15:28
 Operator : CG/JU
 Sample : N4210-08
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :

Quant Time: Aug 20 04:37:20 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP081622.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Aug 17 01:58:37 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

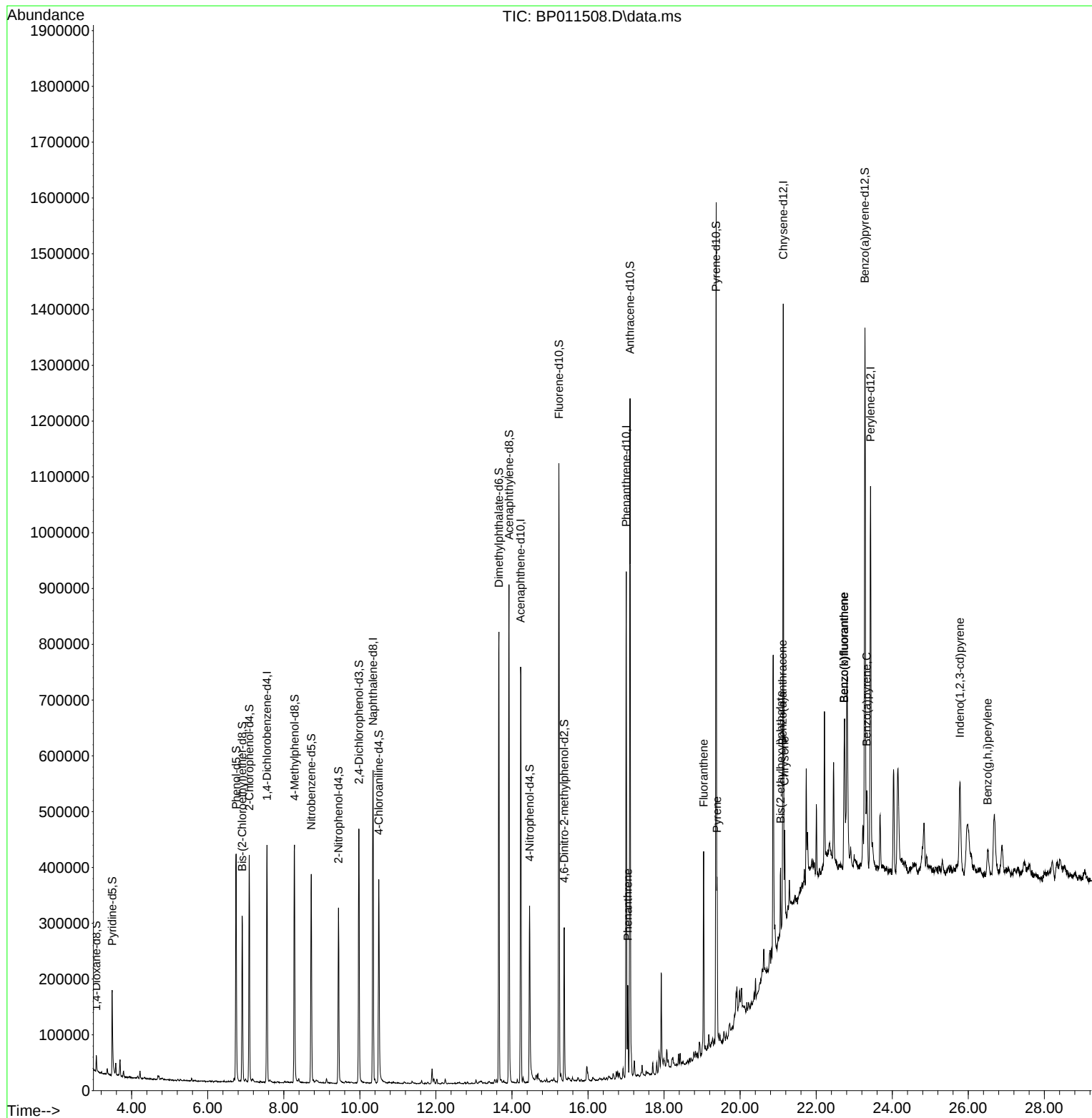
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.558	152	97107	20.000	ng/ul	0.00
20) Naphthalene-d8	10.346	136	409425	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.228	164	232592	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.004	188	457597	20.000	ng/ul	0.00
79) Chrysene-d12	21.133	240	411912	20.000	ng/ul	0.00
88) Perylene-d12	23.427	264	423272	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.070	96	12686	4.054	ng/uL	0.00
4) Pyridine-d5	3.487	84	74399	9.286	ng/ul	0.00
7) Phenol-d5	6.746	99	202717	22.717	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	6.905	67	126725	21.858	ng/ul	0.00
11) 2-Chlorophenol-d4	7.093	132	164533	25.068	ng/ul	0.00
15) 4-Methylphenol-d8	8.281	113	148609	20.806	ng/ul	0.00
21) Nitrobenzene-d5	8.722	128	76054	25.802	ng/ul	0.00
24) 2-Nitrophenol-d4	9.440	143	79743	26.583	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	9.975	165	137949	24.913	ng/ul	0.00
31) 4-Chloroaniline-d4	10.499	131	182471	19.796	ng/ul	0.00
46) Dimethylphthalate-d6	13.657	166	454985	27.657	ng/ul	0.00
49) Acenaphthylene-d8	13.922	160	498006	27.237	ng/ul	0.00
54) 4-Nitrophenol-d4	14.463	143	68112	21.489	ng/ul	0.00
60) Fluorene-d10	15.234	176	372871	26.942	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.375	200	41937	16.960	ng/ul	0.00
73) Anthracene-d10	17.104	188	584589	28.845	ng/ul	0.00
81) Pyrene-d10	19.369	212	665671	31.941	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.280	264	630536	30.624	ng/ul	0.00
Target Compounds						
					Qvalue	
72) Phenanthrene	17.045	178	81181	3.278	ng/ul	100
80) Fluoranthene	19.039	202	179685	7.011	ng/ul	99
82) Pyrene	19.392	202	147289	5.469	ng/ul	99
85) Benzo(a)anthracene	21.116	228	79516	3.168	ng/ul	97
86) Bis(2-ethylhexyl)phtha...	21.063	149	39945	2.234	ng/ul#	96
87) Chrysene	21.169	228	75682	3.070	ng/ul	98
90) Benzo(b)fluoranthene	22.733	252	117865	4.477	ng/ul	96
91) Benzo(k)fluoranthene	22.733	252	117865	4.691	ng/ul	98
93) Benzo(a)pyrene	23.327	252	72738	2.830	ng/ul#	91
94) Indeno(1,2,3-cd)pyrene	25.780	276	55243	1.927	ng/ul	98
96) Benzo(g,h,i)perylene	26.510	276	47341	1.941	ng/ul	96

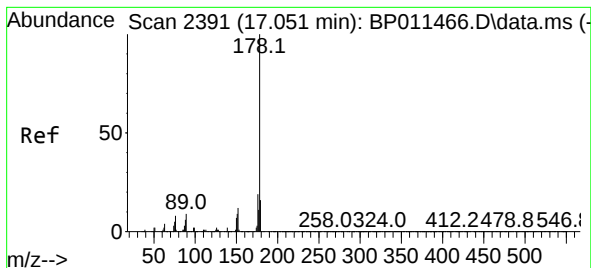
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#72

Phenanthrene

Concen: 3.278 ng/ul

RT: 17.045 min Scan# 21

Delta R.T. 0.000 min

Lab File: BP011508.D

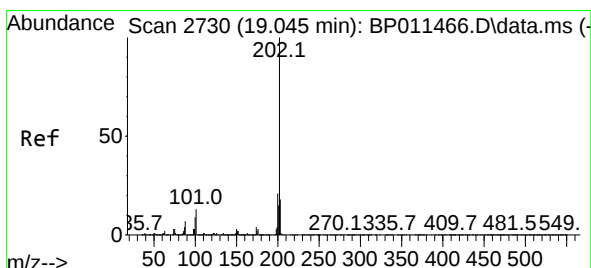
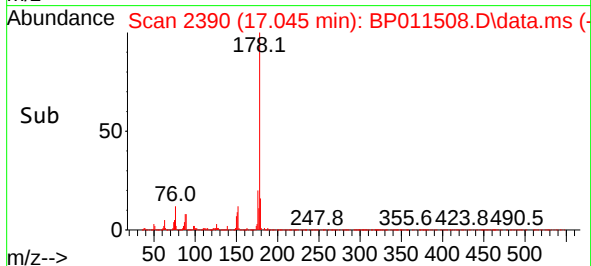
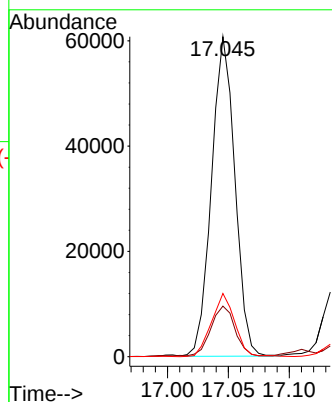
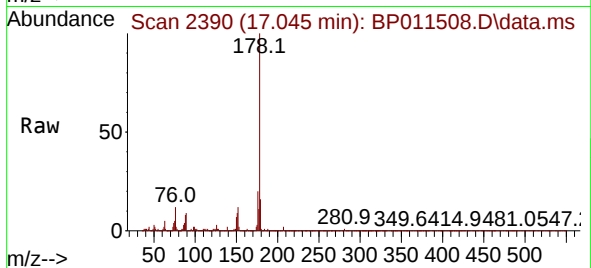
Acq: 19 Aug 2022 15:28

Instrument :

BNA_P

ClientSampleId :

Tgt Ion:178	Resp:	81181
Ion Ratio	Lower	Upper
178	100	
179	15.8	12.6 18.8
176	19.7	15.8 23.8



#80

Fluoranthene

Concen: 7.011 ng/ul

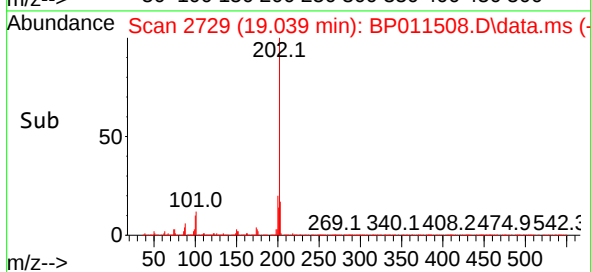
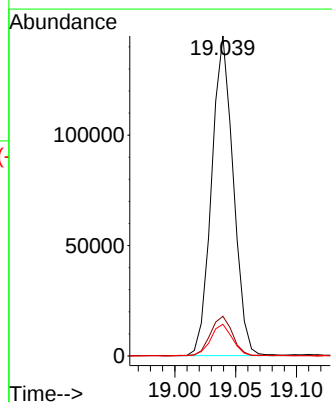
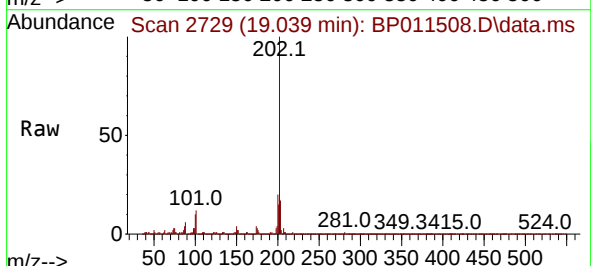
RT: 19.039 min Scan# 2729

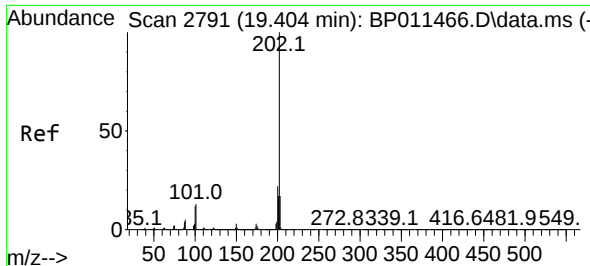
Delta R.T. 0.000 min

Lab File: BP011508.D

Acq: 19 Aug 2022 15:28

Tgt Ion:202	Resp:	179685
Ion Ratio	Lower	Upper
202	100	
101	12.4	9.5 14.3
100	9.9	7.9 11.9

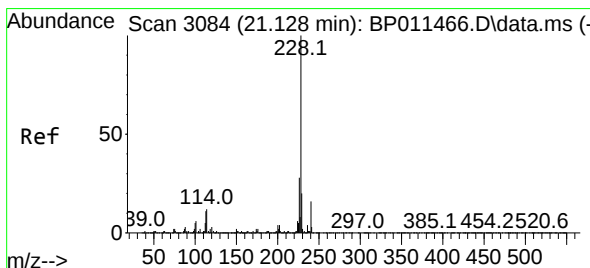
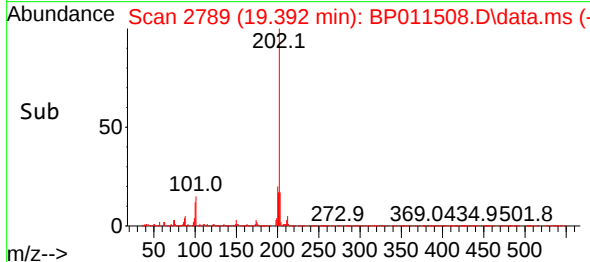
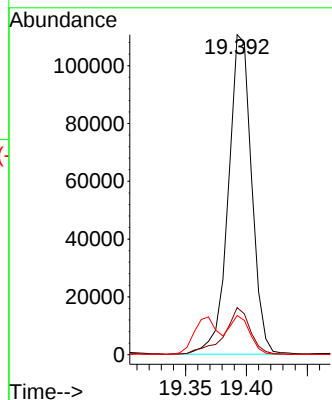
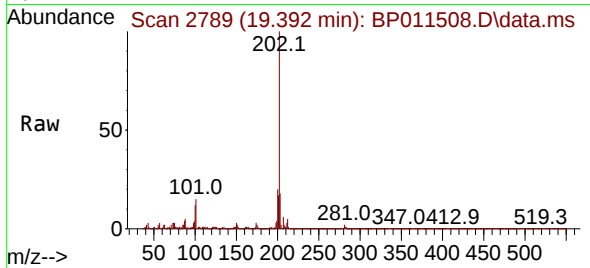




#82
 Pyrene
 Concen: 5.469 ng/ul
 RT: 19.392 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BP011508.D
 Acq: 19 Aug 2022 15:28

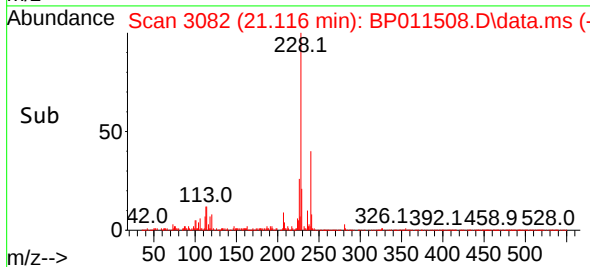
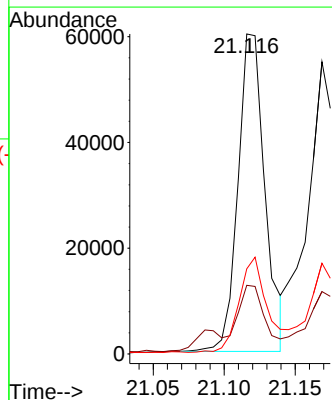
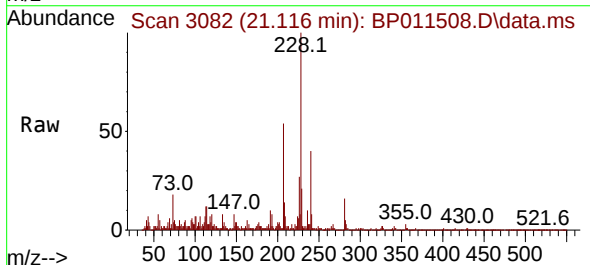
Instrument :
 BNA_P
 ClientSampleId :

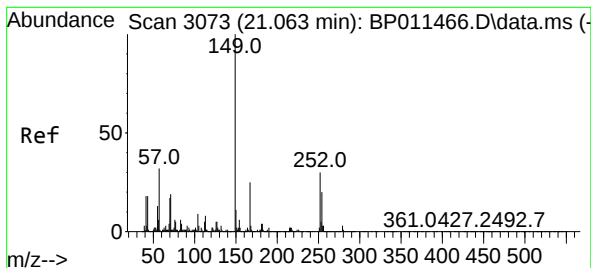
Tgt Ion:202 Resp: 147289
 Ion Ratio Lower Upper
 202 100
 101 14.7 11.4 17.2
 100 12.2 9.4 14.0



#85
 Benzo(a)anthracene
 Concen: 3.168 ng/ul
 RT: 21.116 min Scan# 3082
 Delta R.T. 0.000 min
 Lab File: BP011508.D
 Acq: 19 Aug 2022 15:28

Tgt Ion:228 Resp: 79516
 Ion Ratio Lower Upper
 228 100
 229 21.5 16.0 24.0
 226 26.6 22.6 33.8

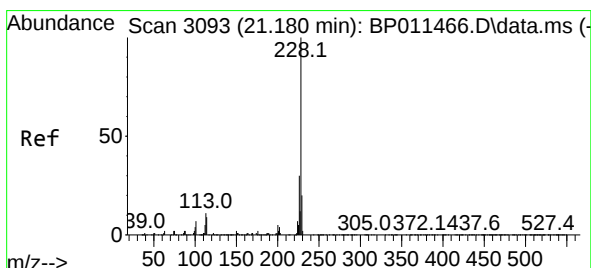
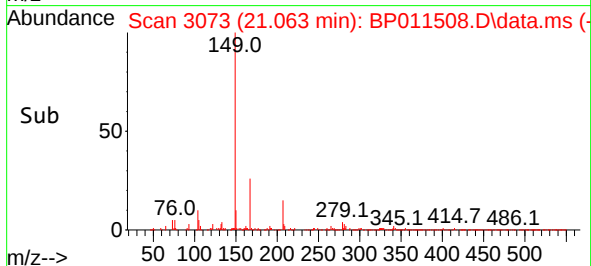
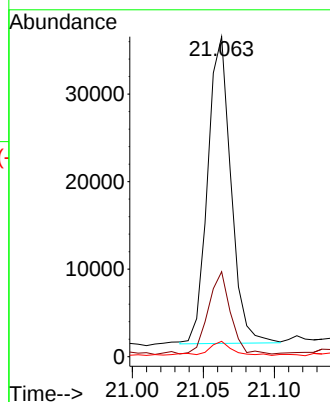
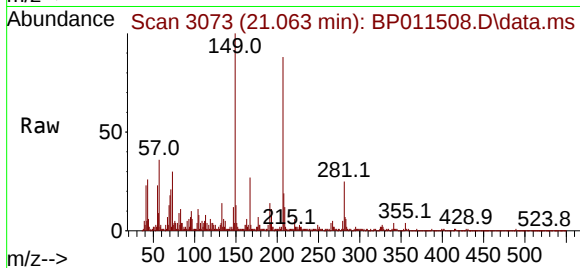




#86
 Bis(2-ethylhexyl)phthalate
 Concen: 2.234 ng/ul
 RT: 21.063 min Scan# 3073
 Delta R.T. 0.000 min
 Lab File: BP011508.D
 Acq: 19 Aug 2022 15:28

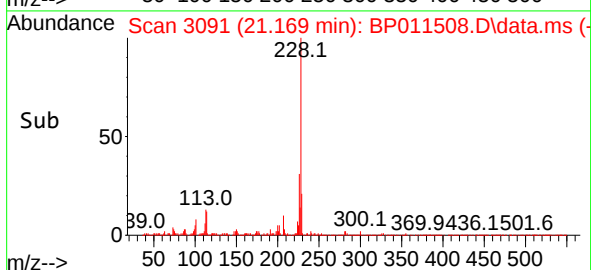
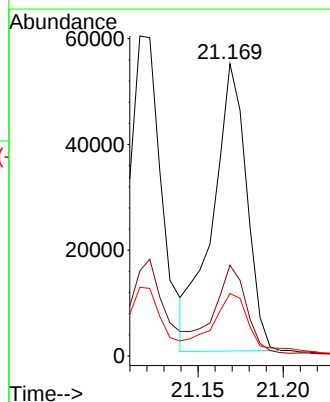
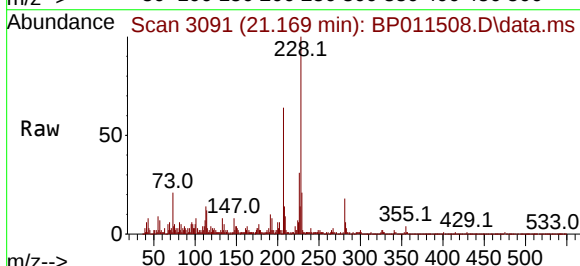
Instrument :
 BNA_P
 ClientSampleId :

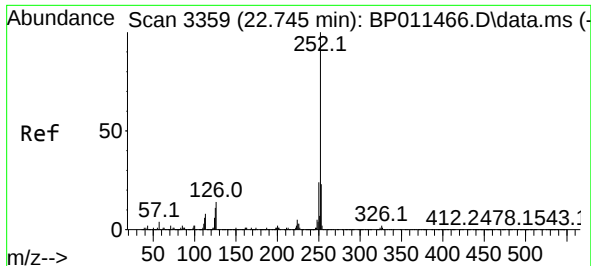
Tgt Ion:149 Resp: 39945
 Ion Ratio Lower Upper
 149 100
 167 26.5 19.8 29.8
 279 4.8 2.7 4.1#



#87
 Chrysene
 Concen: 3.070 ng/ul
 RT: 21.169 min Scan# 3091
 Delta R.T. 0.000 min
 Lab File: BP011508.D
 Acq: 19 Aug 2022 15:28

Tgt Ion:228 Resp: 75682
 Ion Ratio Lower Upper
 228 100
 226 31.0 23.9 35.9
 229 21.4 16.0 24.0

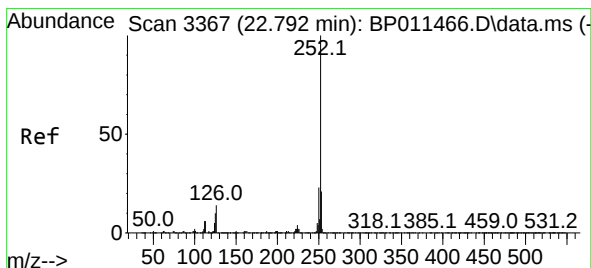
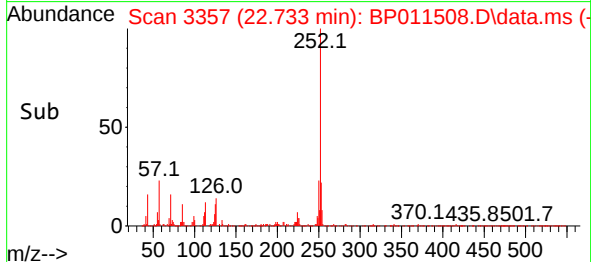
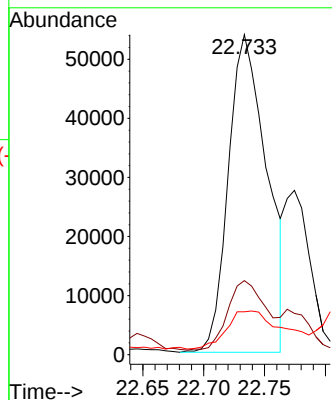
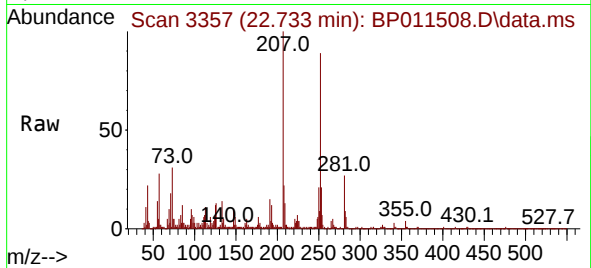




#90
Benzo(b)fluoranthene
Concen: 4.477 ng/ul
RT: 22.733 min Scan# 3357
Delta R.T. 0.006 min
Lab File: BP011508.D
Acq: 19 Aug 2022 15:28

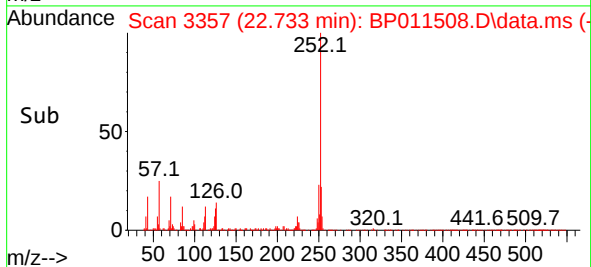
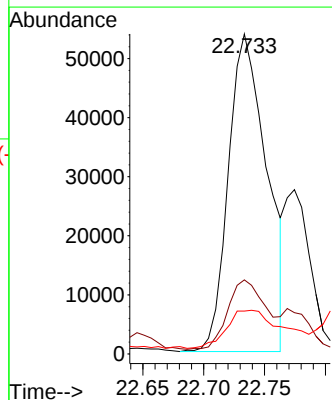
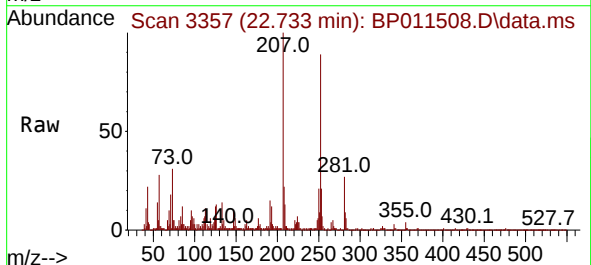
Instrument :
BNA_P
ClientSampleId :

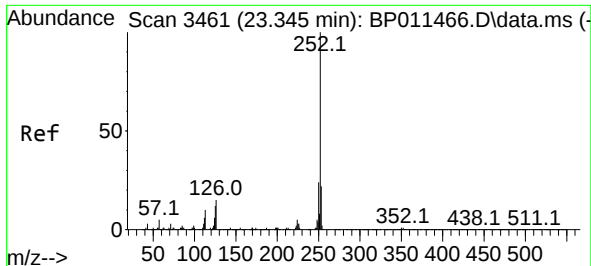
Tgt Ion:252 Resp: 117865
Ion Ratio Lower Upper
252 100
253 23.1 17.5 26.3
125 13.4 9.0 13.4



#91
Benzo(k)fluoranthene
Concen: 4.691 ng/ul
RT: 22.733 min Scan# 3357
Delta R.T. -0.041 min
Lab File: BP011508.D
Acq: 19 Aug 2022 15:28

Tgt Ion:252 Resp: 117865
Ion Ratio Lower Upper
252 100
253 23.1 17.9 26.9
125 13.4 9.8 14.8

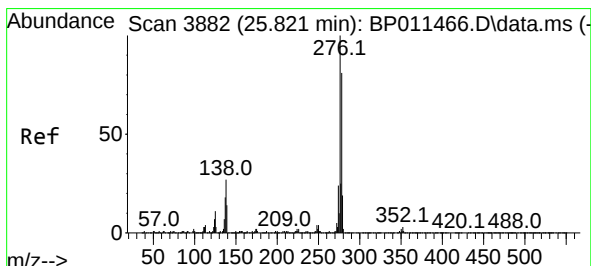
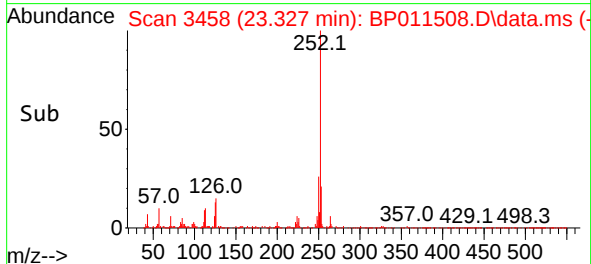
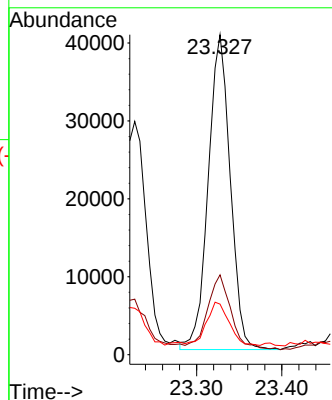
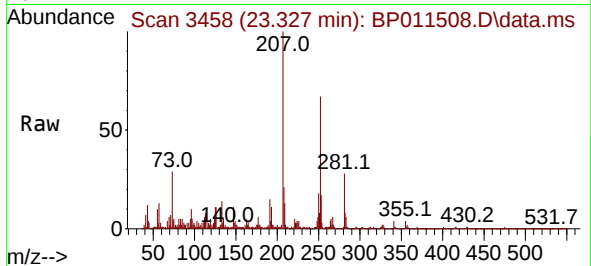




#93
Benzo(a)pyrene
Concen: 2.830 ng/ul
RT: 23.327 min Scan# 34
Delta R.T. 0.000 min
Lab File: BP011508.D
Acq: 19 Aug 2022 15:28

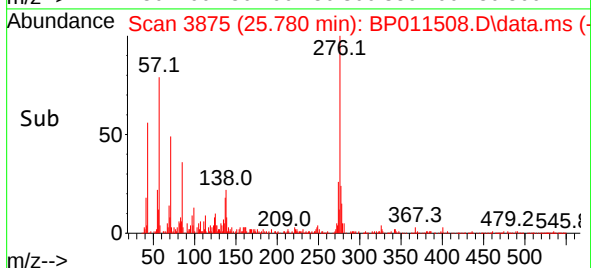
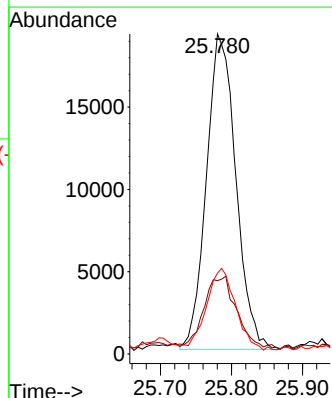
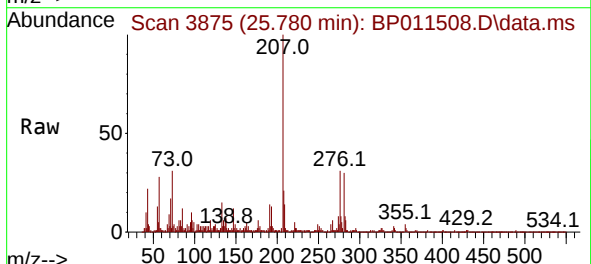
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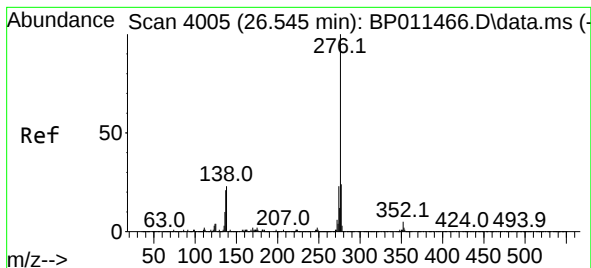
Tgt Ion:252 Resp: 72738
Ion Ratio Lower Upper
252 100
253 25.0 16.8 25.2
125 15.8 9.9 14.9#



#94
Indeno(1,2,3-cd)pyrene
Concen: 1.927 ng/ul
RT: 25.780 min Scan# 3875
Delta R.T. -0.006 min
Lab File: BP011508.D
Acq: 19 Aug 2022 15:28

Tgt Ion:276 Resp: 55243
Ion Ratio Lower Upper
276 100
138 22.9 20.2 30.4
277 25.2 20.1 30.1





#96

Benzo(g,h,i)perylene

Concen: 1.941 ng/ul

RT: 26.510 min Scan# 3999

Delta R.T. 0.000 min

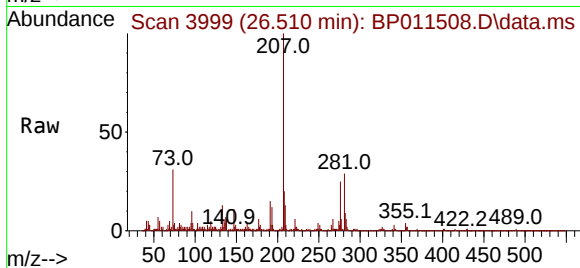
Lab File: BP011508.D

Acq: 19 Aug 2022 15:28

Instrument :

BNA_P

ClientSampleId :



Tgt Ion:276 Resp: 47341

Ion Ratio Lower Upper

276 100

138 22.5 19.4 29.2

277 26.4 19.1 28.7

