

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051024\
 Data File : BP020333.D
 Acq On : 11 May 2024 22:59
 Operator : MA/JU
 Sample : P2371-16
 Misc :
 ALS Vial : 53 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 A43S8

Quant Time: May 12 23:16:30 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP050124.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed May 08 22:57:55 2024
 Response via : Initial Calibration

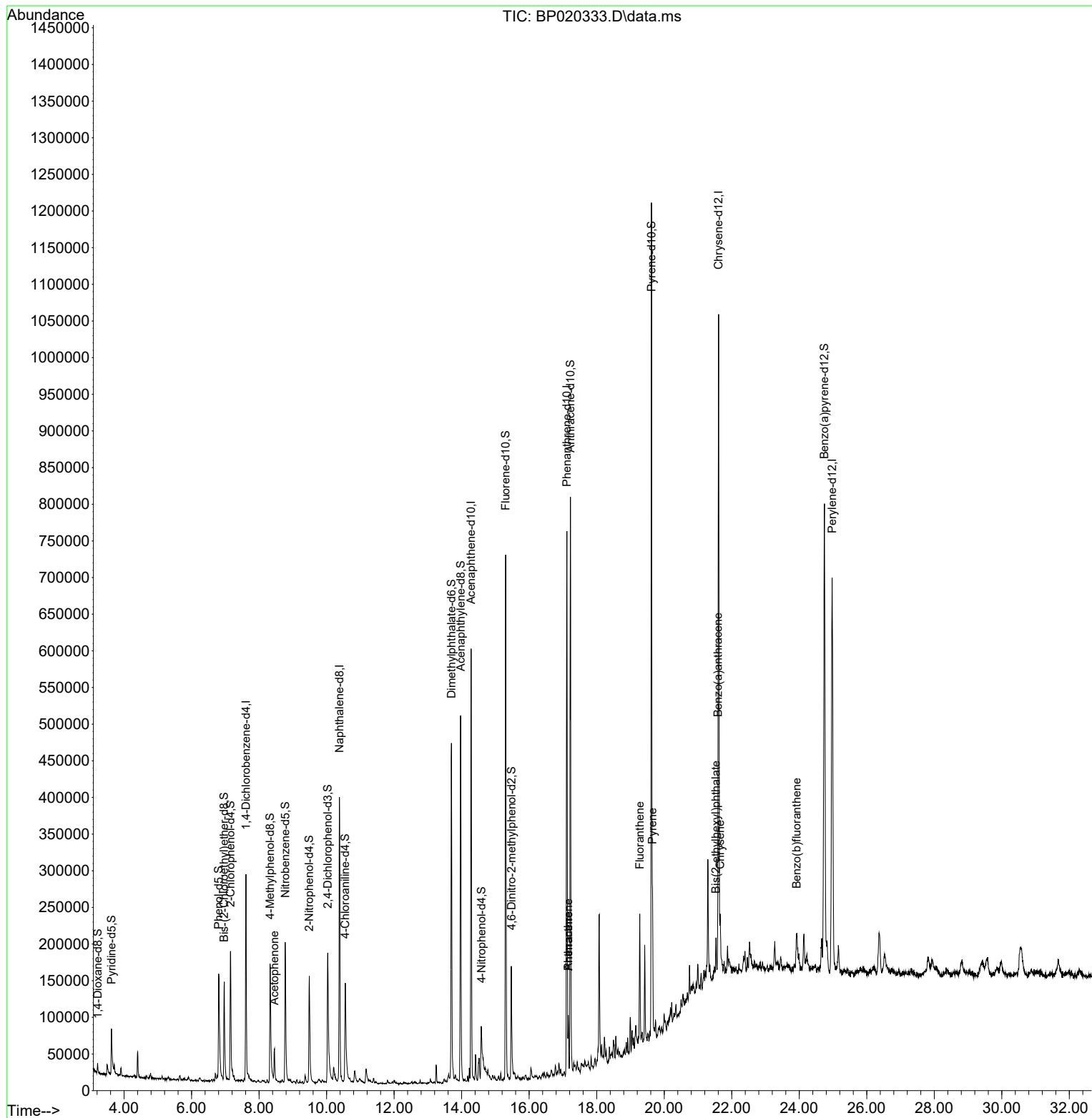
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.610	152	78166	20.000	ng/ul	0.00
20) Naphthalene-d8	10.381	136	320859	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.280	164	218358	20.000	ng/ul	-0.02
64) Phenanthrene-d10	17.116	188	508944	20.000	ng/ul	-0.02
79) Chrysene-d12	21.610	240	536754	20.000	ng/ul	-0.03
88) Perylene-d12	24.974	264	605238	20.000	ng/ul	-0.04
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.216	96	6242	3.373	ng/uL	0.00
4) Pyridine-d5	3.628	84	43111	8.016	ng/ul	0.01
7) Phenol-d5	6.804	99	109124	16.256	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	6.963	67	67473	16.546	ng/ul	0.00
11) 2-Chlorophenol-d4	7.151	132	90272	18.811	ng/ul	0.00
15) 4-Methylphenol-d8	8.328	113	78003	14.373	ng/ul	0.00
21) Nitrobenzene-d5	8.775	128	43904	18.273	ng/ul	0.00
24) 2-Nitrophenol-d4	9.487	143	49706	18.065	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.034	165	90542	18.033	ng/ul	0.01
31) 4-Chloroaniline-d4	10.551	131	93403	13.292	ng/ul	0.00
46) Dimethylphthalate-d6	13.698	166	331314	20.777	ng/ul	-0.01
49) Acenaphthylene-d8	13.969	160	351319	19.945	ng/ul	-0.01
54) 4-Nitrophenol-d4	14.586	143	36273	14.801	ng/ul	0.03
60) Fluorene-d10	15.304	176	290169	21.817	ng/ul	-0.02
65) 4,6-Dinitro-2-methylph...	15.475	200	40789	12.630	ng/ul	0.00
73) Anthracene-d10	17.222	188	477570	21.691	ng/ul	-0.02
81) Pyrene-d10	19.621	212	649163	20.690	ng/ul	-0.02
92) Benzo(a)pyrene-d12	24.745	264	669994	22.895	ng/ul	-0.03
Target Compounds						
					Qvalue	
16) Acetophenone	8.451	105	25249	2.803	ng/ul	97
72) Phenanthrene	17.157	178	50028	1.927	ng/ul	97
74) Anthracene	17.157	178	50028	1.894	ng/ul	99
80) Fluoranthene	19.274	202	101373	2.745	ng/ul	99
82) Pyrene	19.651	202	123215	3.207	ng/ul	98
85) Benzo(a)anthracene	21.592	228	45906	1.261	ng/ul#	87
86) Bis(2-ethylhexyl)phtha...	21.533	149	21223	1.009	ng/ul	94
87) Chrysene	21.657	228	58048	1.720	ng/ul#	94
90) Benzo(b)fluoranthene	23.921	252	63475	1.763	ng/ul#	95

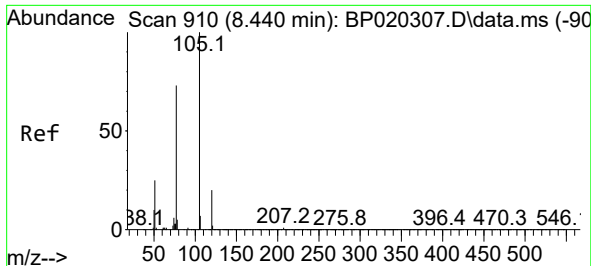
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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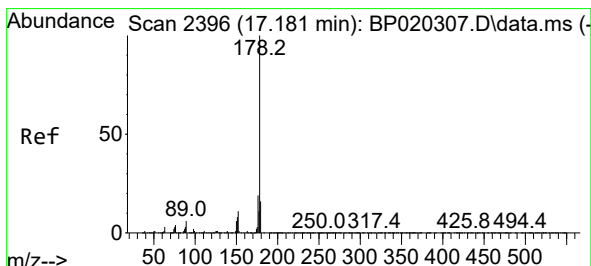
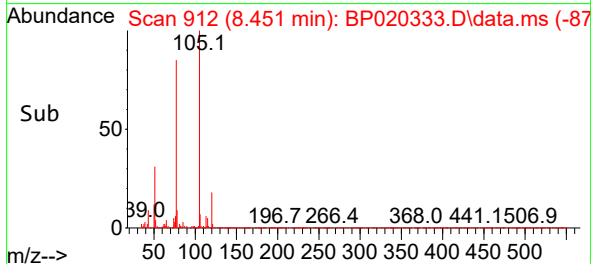
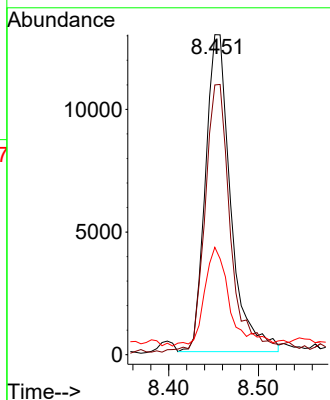
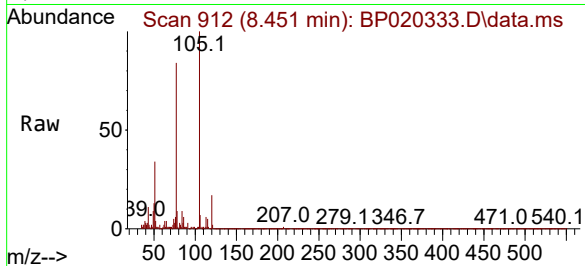




#16
Acetophenone
Concen: 2.803 ng/ul
RT: 8.451 min Scan# 910
Delta R.T. 0.006 min
Lab File: BP020333.D
Acq: 11 May 2024 22:59

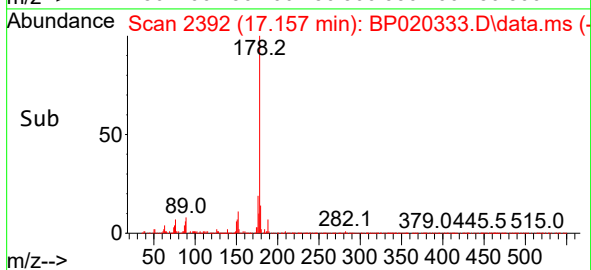
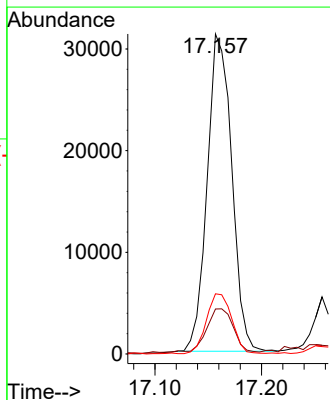
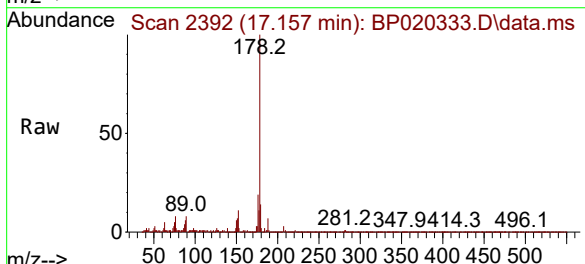
Instrument :
BNA_P
ClientSampleId :
A43S8

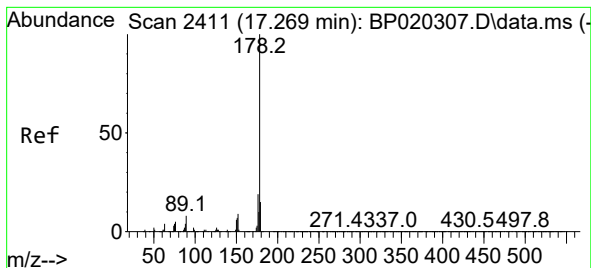
Tgt Ion:	105	Resp:	25249
Ion Ratio	Lower	Upper	
105	100		
77	84.3	66.4	99.6
51	33.5	23.9	35.9



#72
Phenanthrene
Concen: 1.927 ng/ul
RT: 17.157 min Scan# 2392
Delta R.T. -0.030 min
Lab File: BP020333.D
Acq: 11 May 2024 22:59

Tgt Ion:	178	Resp:	50028
Ion Ratio	Lower	Upper	
178	100		
179	14.1	13.0	19.6
176	18.8	15.2	22.8





#74

Anthracene

Concen: 1.894 ng/ul

RT: 17.157 min Scan# 21

Delta R.T. -0.118 min

Lab File: BP020333.D

Acq: 11 May 2024 22:59

Instrument :

BNA_P

ClientSampleId :

A43S8

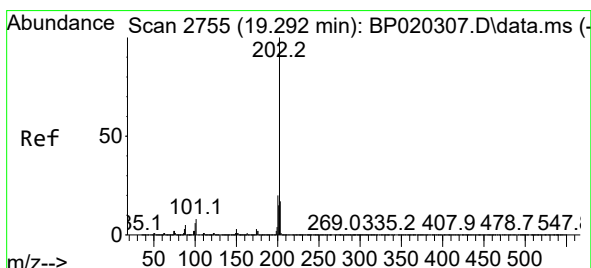
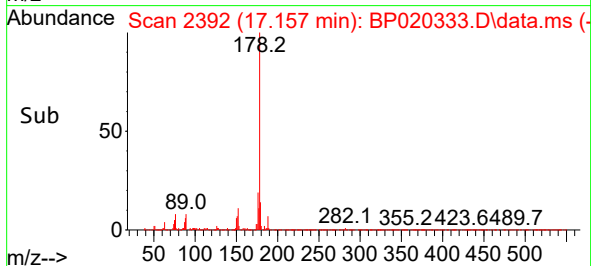
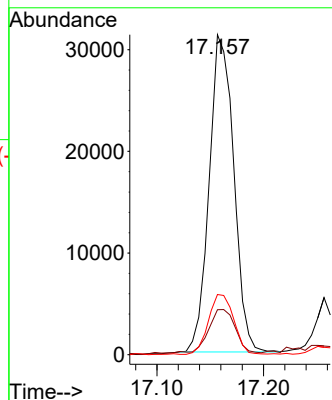
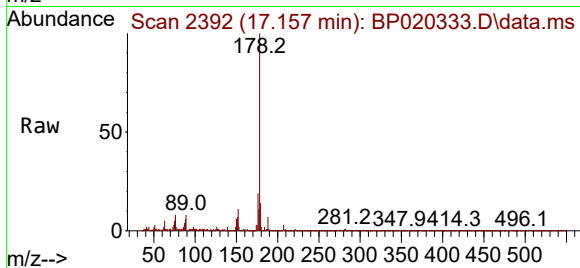
Tgt Ion:178 Resp: 50028

Ion Ratio Lower Upper

178 100

179 14.1 12.0 18.0

176 18.8 14.8 22.2



#80

Fluoranthene

Concen: 2.745 ng/ul

RT: 19.274 min Scan# 2752

Delta R.T. -0.018 min

Lab File: BP020333.D

Acq: 11 May 2024 22:59

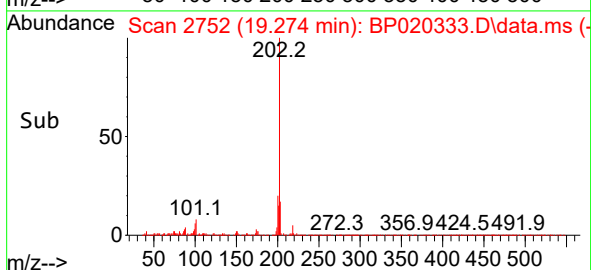
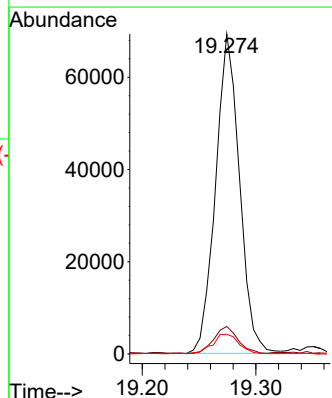
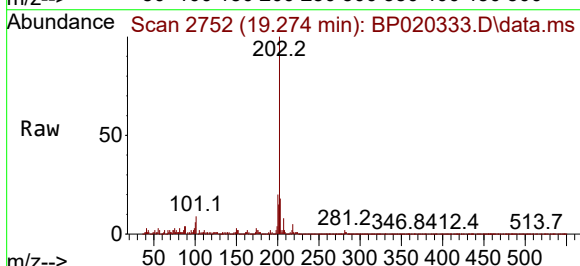
Tgt Ion:202 Resp: 101373

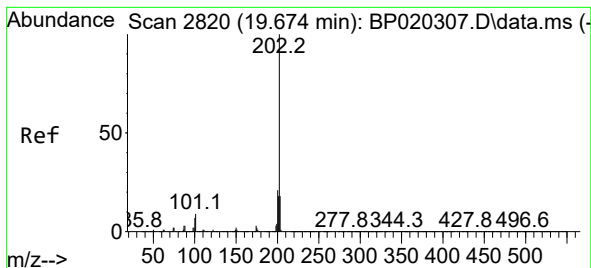
Ion Ratio Lower Upper

202 100

101 8.6 7.0 10.4

100 6.2 5.5 8.3





#82

Pyrene

Concen: 3.207 ng/ul

RT: 19.651 min Scan# 21

Delta R.T. -0.024 min

Lab File: BP020333.D

Acq: 11 May 2024 22:59

Instrument :

BNA_P

ClientSampleId :

A43S8

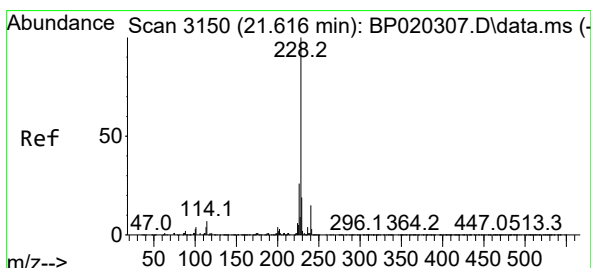
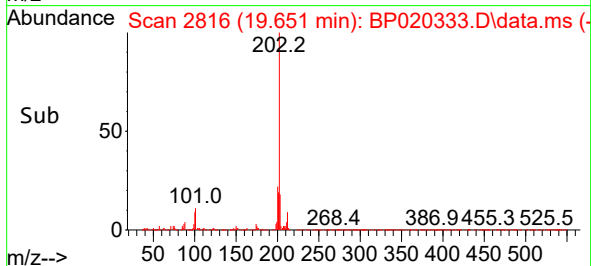
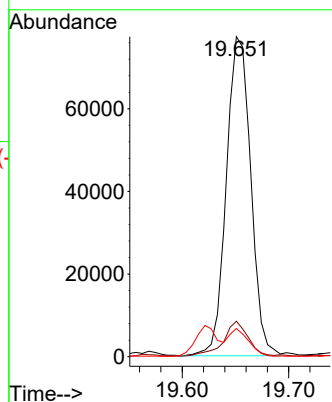
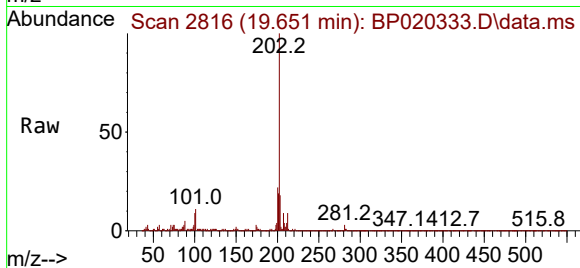
Tgt Ion:202 Resp: 123215

Ion Ratio Lower Upper

202 100

101 11.1 8.1 12.1

100 8.8 6.8 10.2



#85

Benzo(a)anthracene

Concen: 1.261 ng/ul

RT: 21.592 min Scan# 3146

Delta R.T. -0.024 min

Lab File: BP020333.D

Acq: 11 May 2024 22:59

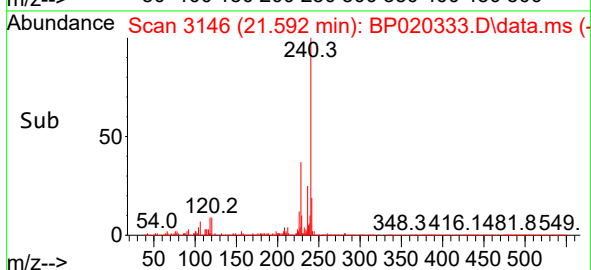
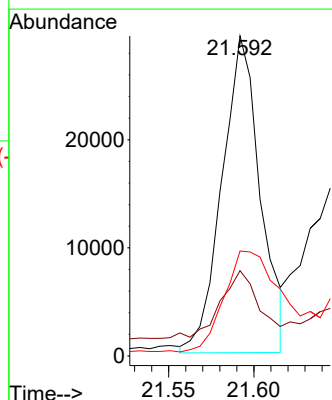
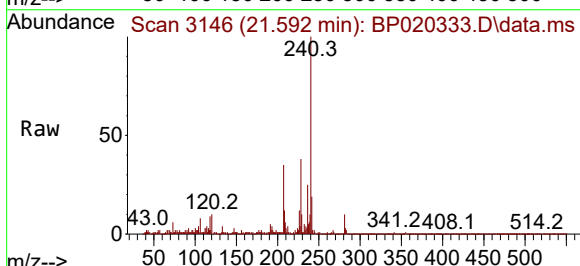
Tgt Ion:228 Resp: 45906

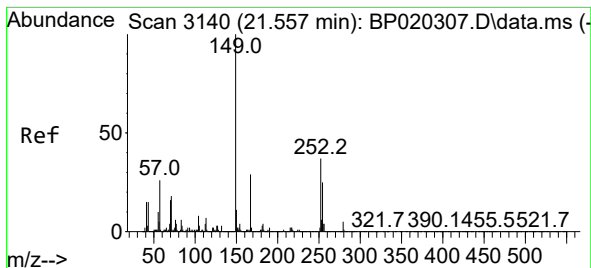
Ion Ratio Lower Upper

228 100

229 26.7 15.8 23.8#

226 32.8 21.5 32.3#





#86

Bis(2-ethylhexyl)phthalate

Concen: 1.009 ng/ul

RT: 21.533 min Scan# 31

Delta R.T. -0.030 min

Lab File: BP020333.D

Acq: 11 May 2024 22:59

Instrument :

BNA_P

ClientSampleId :

A43S8

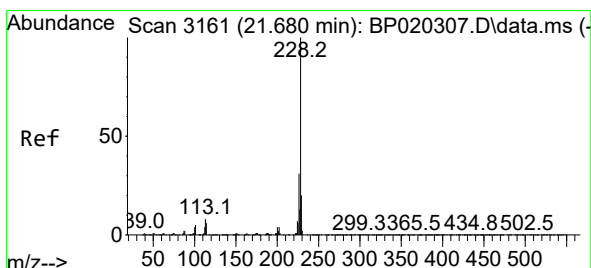
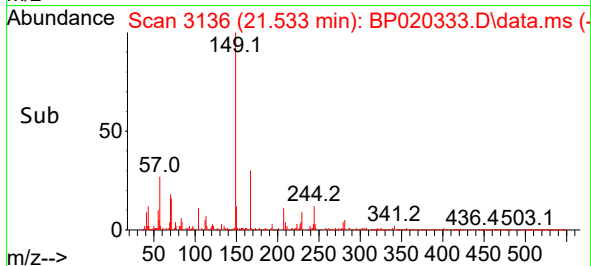
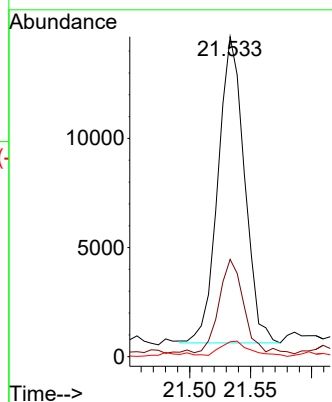
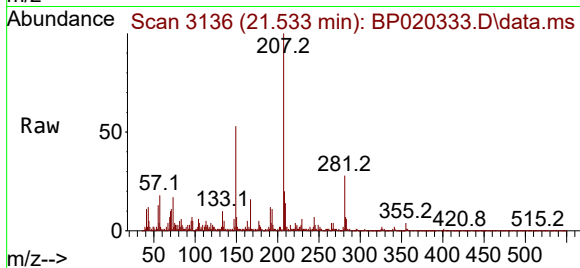
Tgt Ion:149 Resp: 21223

Ion Ratio Lower Upper

149 100

167 30.4 21.4 32.0

279 4.6 3.4 5.2



#87

Chrysene

Concen: 1.720 ng/ul

RT: 21.657 min Scan# 3157

Delta R.T. -0.030 min

Lab File: BP020333.D

Acq: 11 May 2024 22:59

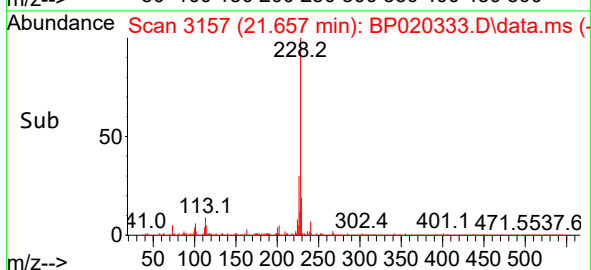
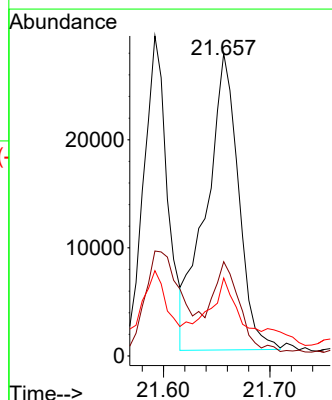
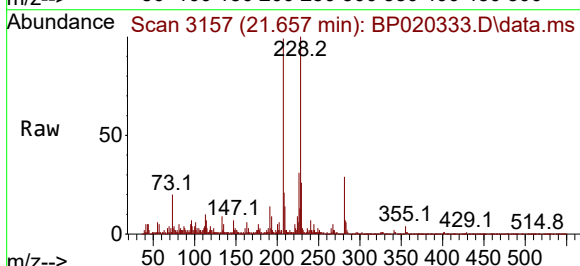
Tgt Ion:228 Resp: 58048

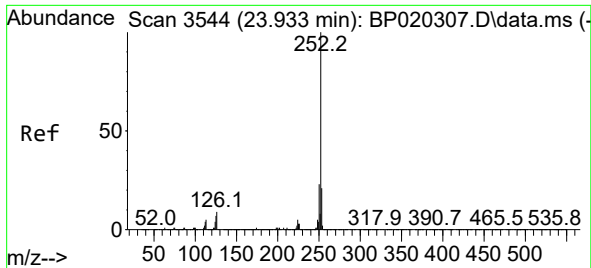
Ion Ratio Lower Upper

228 100

226 31.2 24.2 36.4

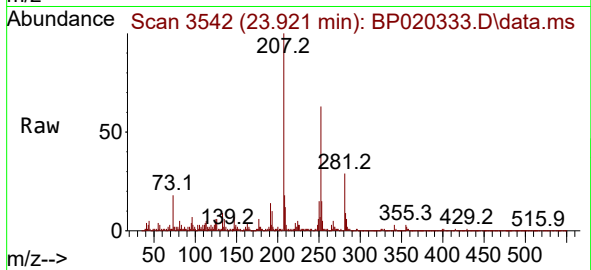
229 25.7 15.9 23.9#





#90
Benzo(b)fluoranthene
Concen: 1.763 ng/ul
RT: 23.921 min Scan# 31
Delta R.T. -0.018 min
Lab File: BP020333.D
Acq: 11 May 2024 22:59

Instrument :
BNA_P
ClientSampleId :
A43S8



Tgt Ion:252 Resp: 63475
Ion Ratio Lower Upper
252 100
253 24.6 17.9 26.9
125 9.5 6.2 9.2#

