

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP090424\
 Data File : BP021827.D
 Acq On : 04 Sep 2024 22:05
 Operator : RC/JU
 Sample : P3438-06
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 DCYL4

Quant Time: Sep 05 05:59:00 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP082324.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Sep 05 05:03:57 2024
 Response via : Initial Calibration

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

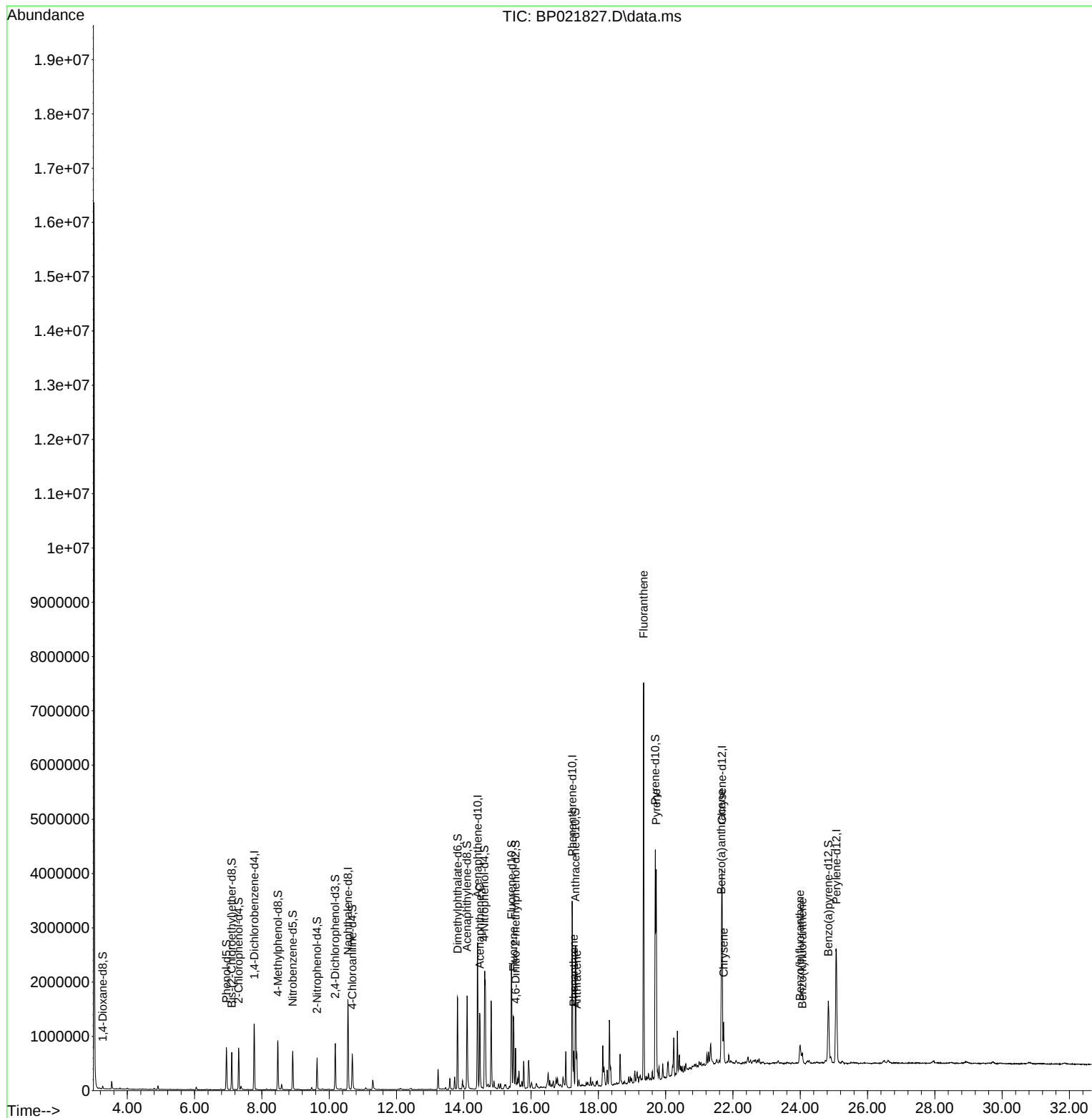
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.775	152	323863	20.000	ng/u1	0.01
20) Naphthalene-d8	10.557	136	1374686	20.000	ng/u1	0.01
38) Acenaphthene-d10	14.410	164	936577	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.221	188	2084170	20.000	ng/u1	0.01
79) Chrysene-d12	21.674	240	2031200	20.000	ng/u1	0.00
88) Perylene-d12	25.074	264	2168606	20.000	ng/u1	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.269	96	25115	2.575	ng/uL	0.00
4) Pyridine-d5	0.000	84	0d	0.000	ng/u1	
7) Phenol-d5	6.946	99	494976	14.321	ng/u1	0.01
9) Bis-(2-Chloroethyl)eth...	7.104	67	283637	15.080	ng/u1	0.01
11) 2-Chlorophenol-d4	7.310	132	330227	14.799	ng/u1	0.00
15) 4-Methylphenol-d8	8.475	113	366492	13.722	ng/u1	0.01
21) Nitrobenzene-d5	8.916	128	161896	14.638	ng/u1	0.00
24) 2-Nitrophenol-d4	9.640	143	166408	14.823	ng/u1	0.01
28) 2,4-Dichlorophenol-d3	10.181	165	298800	13.506	ng/u1	0.01
31) 4-Chloroaniline-d4	10.687	131	372459	11.572	ng/u1	0.00
46) Dimethylphthalate-d6	13.816	166	1142772	15.946	ng/u1	0.00
49) Acenaphthylene-d8	14.098	160	1191423	14.808	ng/u1	0.00
54) 4-Nitrophenol-d4	14.616	143	172448	12.648	ng/u1	0.00
60) Fluorene-d10	15.416	176	982445	16.306	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.539	200	125244	10.926	ng/u1	0.00
73) Anthracene-d10	17.321	188	1542663	15.596	ng/u1	0.00
81) Pyrene-d10	19.692	212	1659467	14.292	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.833	264	1224208	10.587	ng/u1	-0.02
Target Compounds						
					Qvalue	
52) Acenaphthene	14.475	153	568410	9.341	ng/u1	99
61) Fluorene	15.475	166	709025	10.412	ng/u1	99
72) Phenanthrene	17.269	178	322517	2.819	ng/u1	99
74) Anthracene	17.363	178	371944	3.209	ng/u1	98
80) Fluoranthene	19.345	202	4481073	33.072	ng/u1	100
82) Pyrene	19.721	202	2367708	16.499	ng/u1	99
85) Benzo(a)anthracene	21.657	228	825331	5.712	ng/u1	99
87) Chrysene	21.721	228	497829	3.661	ng/u1	97
90) Benzo(b)fluoranthene	23.992	252	446385	3.290	ng/u1	99
91) Benzo(k)fluoranthene	24.062	252	142875	1.076	ng/u1	98

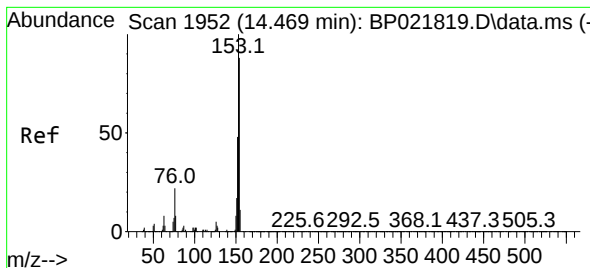
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SVOA CALIBRATION
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#52

Acenaphthene

Concen: 9.341 ng/ul

RT: 14.475 min Scan# 1952

Delta R.T. 0.006 min

Lab File: BP021827.D

Acq: 04 Sep 2024 22:05

Instrument :

BNA_P

ClientSampleId :

DCYL4

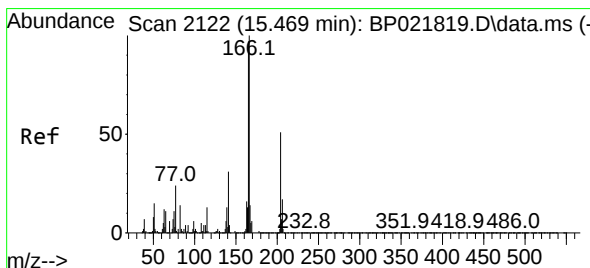
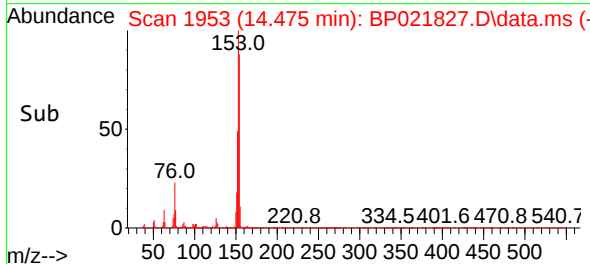
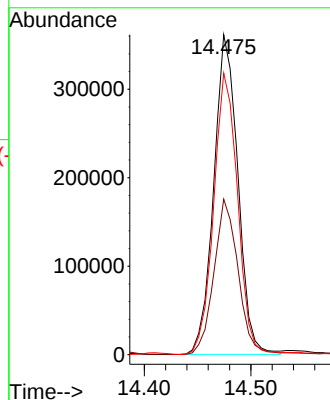
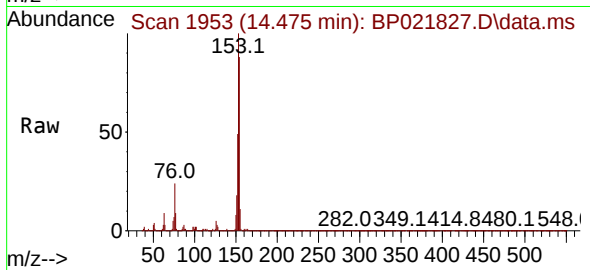
Tgt Ion:153 Resp: 568410

Ion Ratio Lower Upper

153 100

152 48.6 38.0 57.0

154 88.0 70.2 105.4



#61

Fluorene

Concen: 10.412 ng/ul

RT: 15.475 min Scan# 2123

Delta R.T. 0.006 min

Lab File: BP021827.D

Acq: 04 Sep 2024 22:05

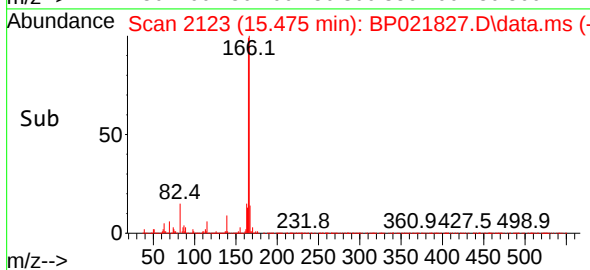
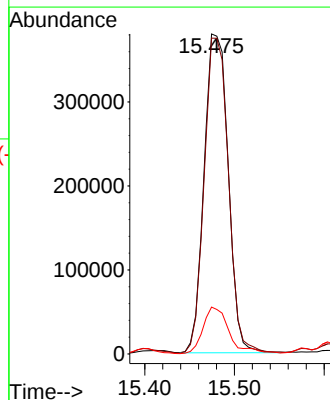
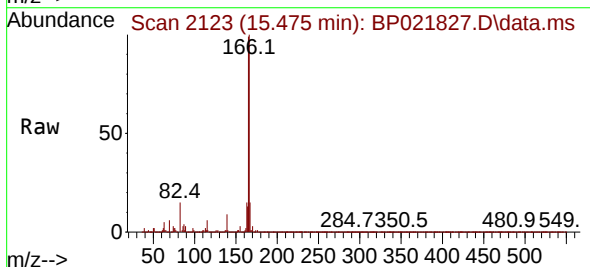
Tgt Ion:166 Resp: 709025

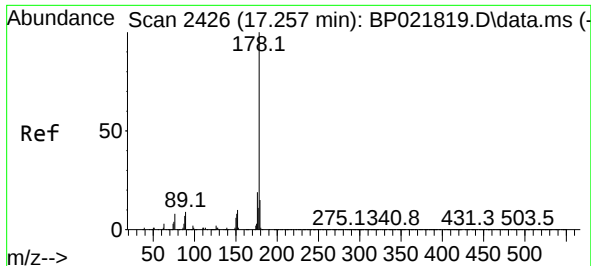
Ion Ratio Lower Upper

166 100

165 98.7 78.2 117.2

167 14.6 10.8 16.2

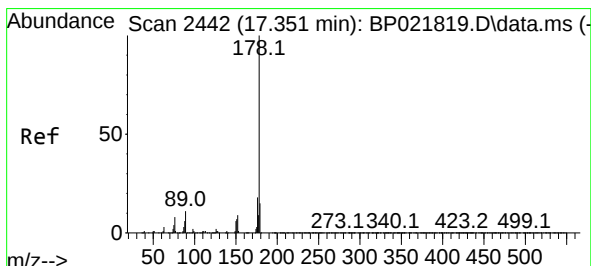
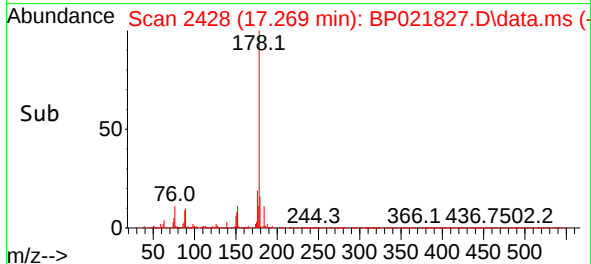
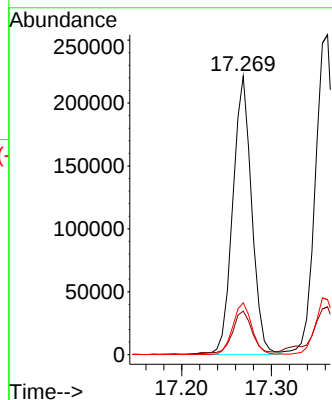
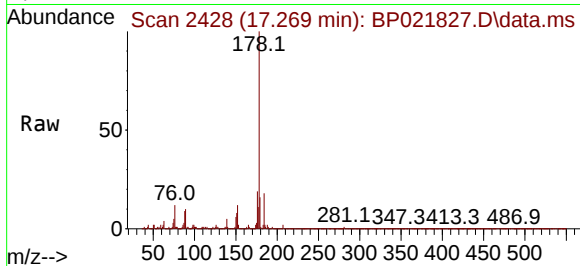




#72
Phenanthrene
Concen: 2.819 ng/ul
RT: 17.269 min Scan# 2426
Delta R.T. 0.011 min
Lab File: BP021827.D
Acq: 04 Sep 2024 22:05

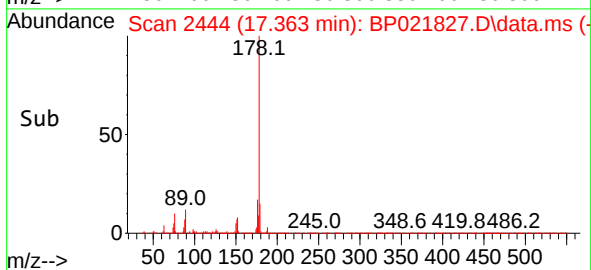
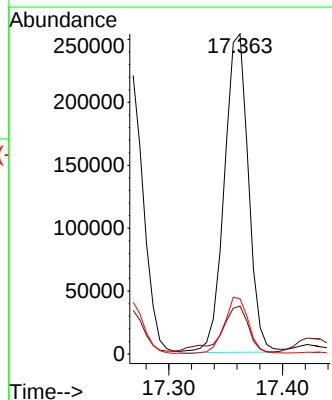
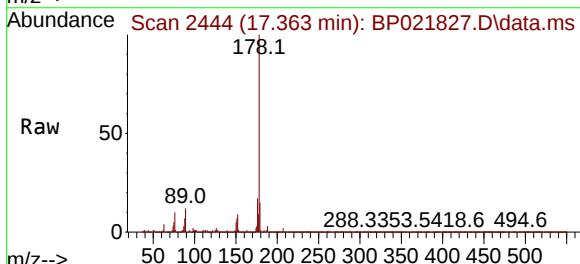
Instrument :
BNA_P
ClientSampleId :
DCYL4

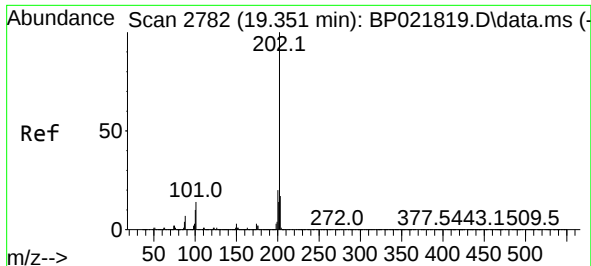
Tgt Ion:178 Resp: 322517
Ion Ratio Lower Upper
178 100
179 15.6 12.0 18.0
176 18.6 14.8 22.2



#74
Anthracene
Concen: 3.209 ng/ul
RT: 17.363 min Scan# 2444
Delta R.T. 0.011 min
Lab File: BP021827.D
Acq: 04 Sep 2024 22:05

Tgt Ion:178 Resp: 371944
Ion Ratio Lower Upper
178 100
179 15.0 12.3 18.5
176 17.2 14.6 21.8

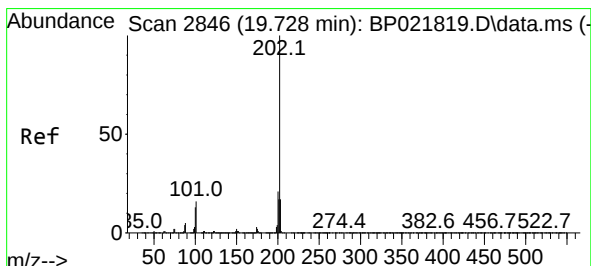
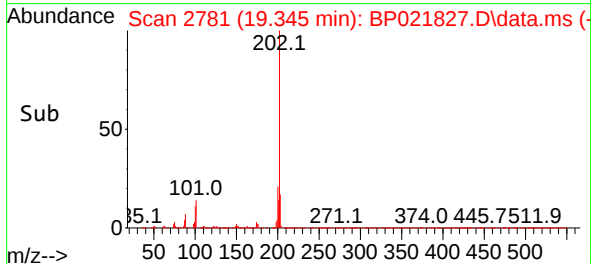
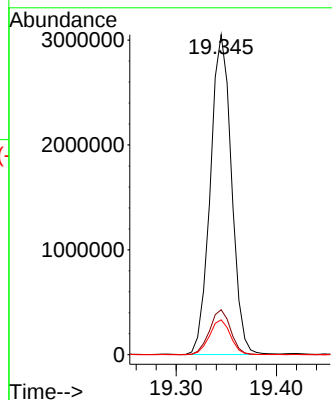
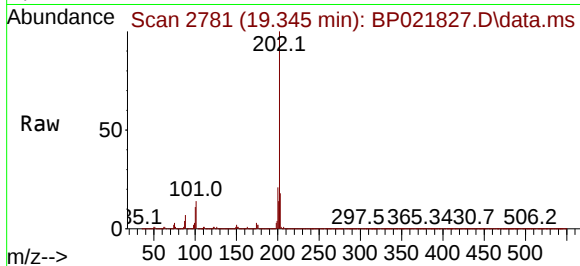




#80
Fluoranthene
Concen: 33.072 ng/u1
RT: 19.345 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP021827.D
Acq: 04 Sep 2024 22:05

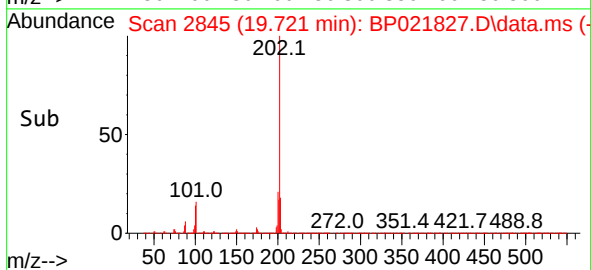
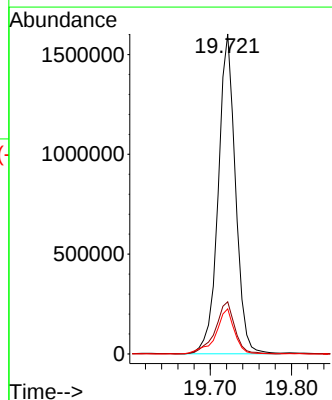
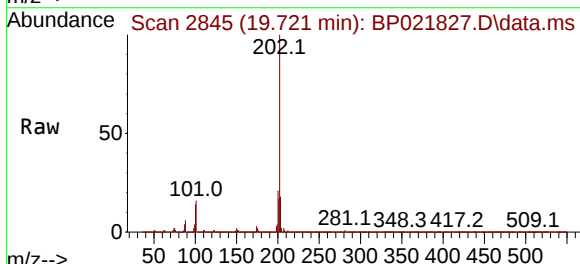
Instrument :
BNA_P
ClientSampleId :
DCYL4

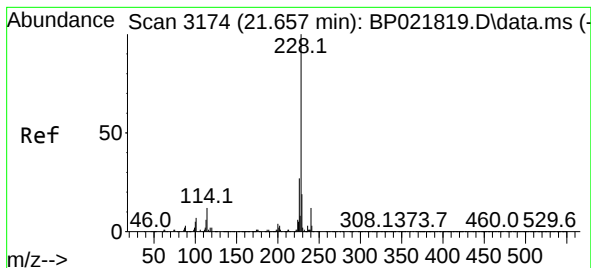
Tgt Ion:202 Resp: 4481073
Ion Ratio Lower Upper
202 100
101 14.1 11.2 16.8
100 10.9 8.5 12.7



#82
Pyrene
Concen: 16.499 ng/u1
RT: 19.721 min Scan# 2845
Delta R.T. -0.006 min
Lab File: BP021827.D
Acq: 04 Sep 2024 22:05

Tgt Ion:202 Resp: 2367708
Ion Ratio Lower Upper
202 100
101 16.3 12.8 19.2
100 14.1 10.8 16.2





#85

Benzo(a)anthracene

Concen: 5.712 ng/ul

RT: 21.657 min Scan# 3174

Delta R.T. -0.000 min

Lab File: BP021827.D

Acq: 04 Sep 2024 22:05

Instrument :

BNA_P

ClientSampleId :

DCYL4

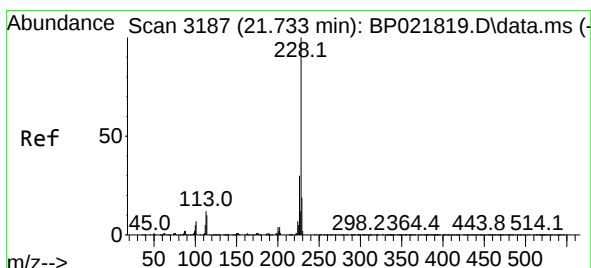
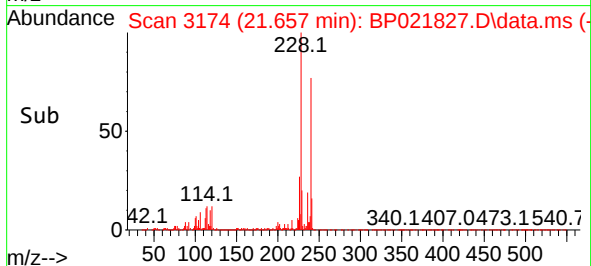
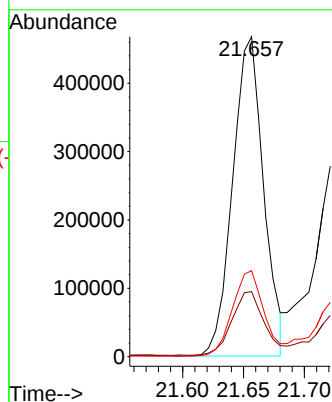
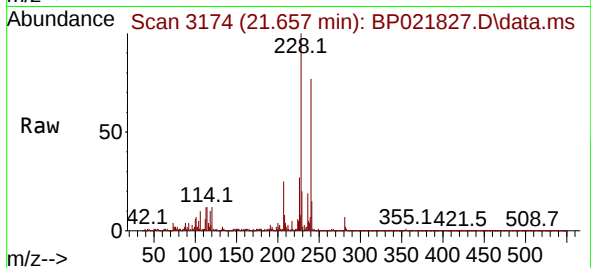
Tgt Ion:228 Resp: 825331

Ion Ratio Lower Upper

228 100

229 20.3 15.7 23.5

226 26.9 21.7 32.5



#87

Chrysene

Concen: 3.661 ng/ul

RT: 21.721 min Scan# 3185

Delta R.T. -0.012 min

Lab File: BP021827.D

Acq: 04 Sep 2024 22:05

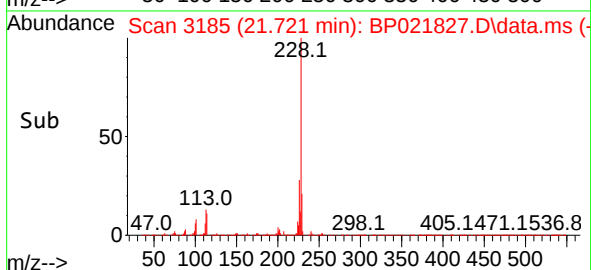
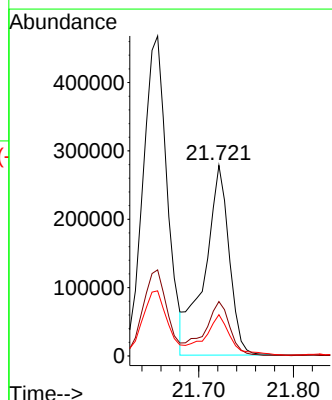
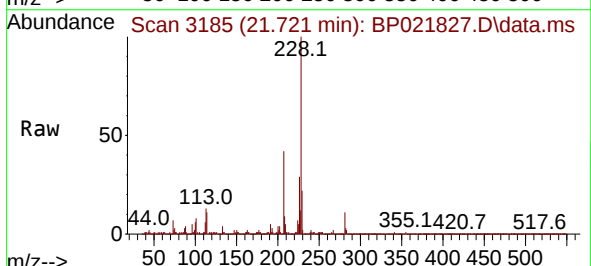
Tgt Ion:228 Resp: 497829

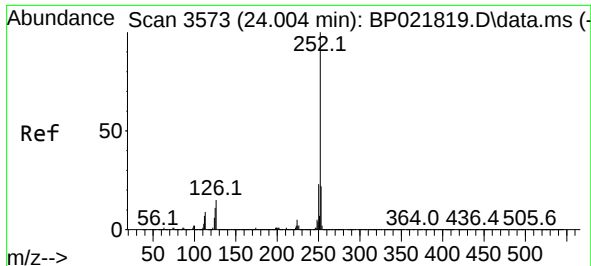
Ion Ratio Lower Upper

228 100

226 28.6 23.5 35.3

229 21.7 15.6 23.4

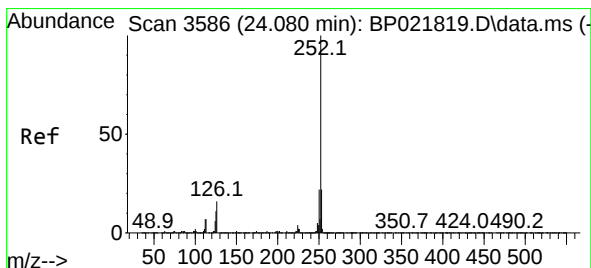
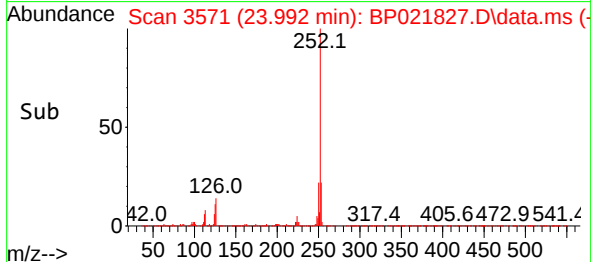
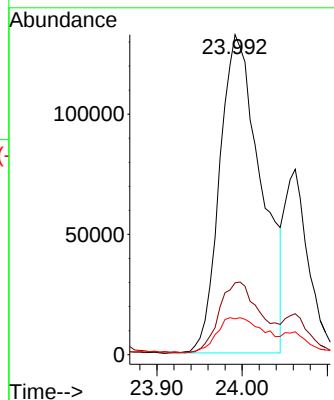
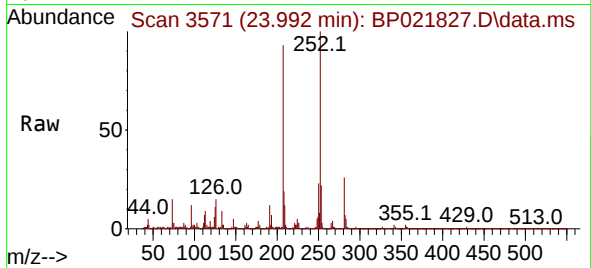




#90
Benzo(b)fluoranthene
Concen: 3.290 ng/ul
RT: 23.992 min Scan# 3571
Delta R.T. -0.012 min
Lab File: BP021827.D
Acq: 04 Sep 2024 22:05

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ClientSampleId :
DCYL4

Tgt Ion:252 Resp: 446385
Ion Ratio Lower Upper
252 100
253 22.4 18.1 27.1
125 11.2 8.6 12.8



#91
Benzo(k)fluoranthene
Concen: 1.076 ng/ul
RT: 24.062 min Scan# 3583
Delta R.T. -0.018 min
Lab File: BP021827.D
Acq: 04 Sep 2024 22:05

Tgt Ion:252 Resp: 142875
Ion Ratio Lower Upper
252 100
253 22.1 17.8 26.8
125 12.4 8.6 13.0

