

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072721\
 Data File : BP006374.D
 Acq On : 27 Jul 2021 21:16
 Operator : CG/JU
 Sample : M3091-05
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 C0043

Quant Time: Jul 28 01:48:28 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SFAM-EPA-BP072421.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Jul 24 04:29:12 2021
 Response via : Initial Calibration

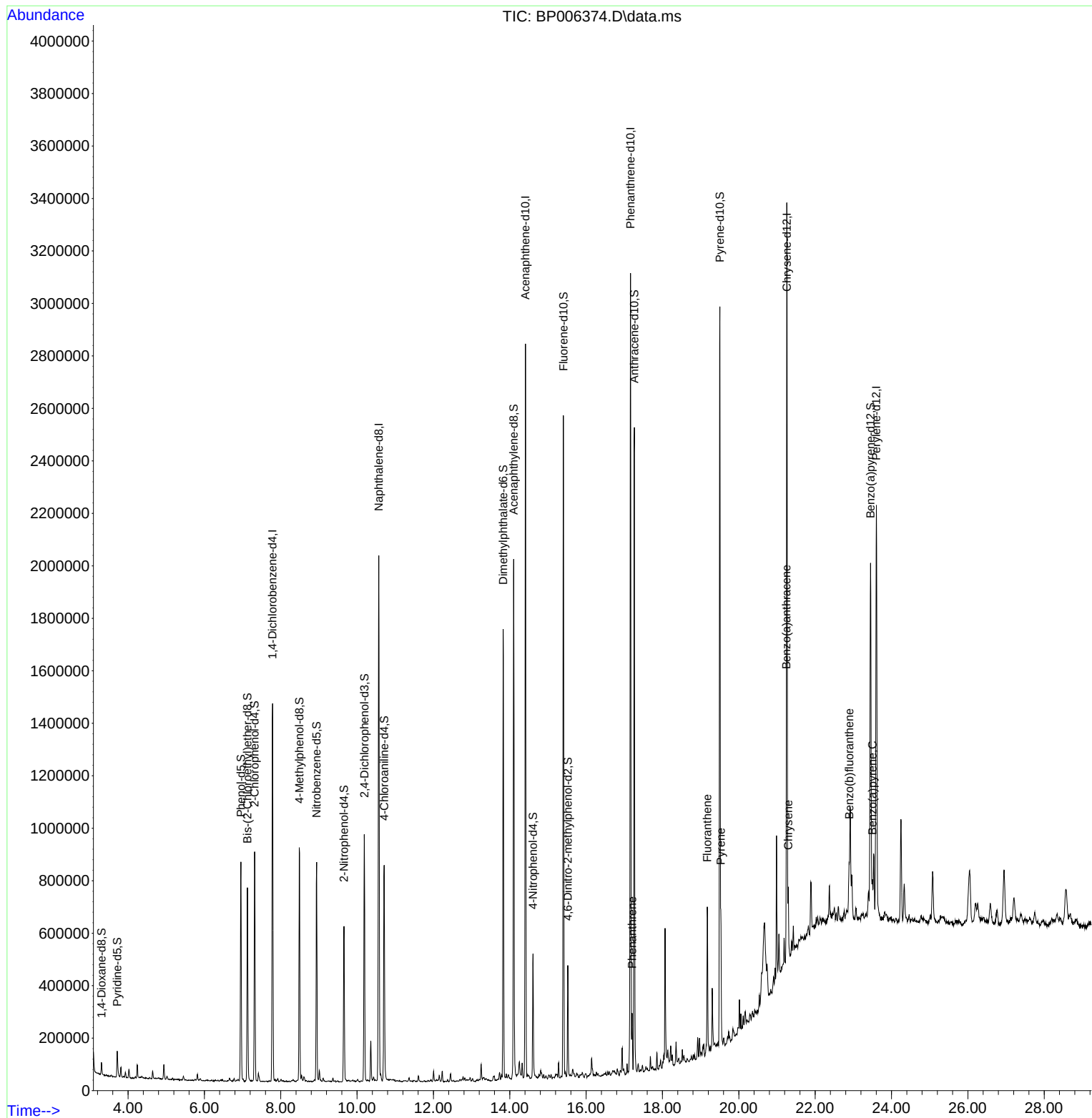
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.787	152	373888	20.000	ng/u1	0.00
20) Naphthalene-d8	10.569	136	1570217	20.000	ng/u1	-0.01
38) Acenaphthene-d10	14.410	164	874953	20.000	ng/u1	-0.01
64) Phenanthrene-d10	17.163	188	1610239	20.000	ng/u1	0.00
79) Chrysene-d12	21.257	240	1207038	20.000	ng/u1	-0.01
88) Perylene-d12	23.604	264	1023390	20.000	ng/u1	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.305	96	26407	2.636	ng/uL	0.00
4) Pyridine-d5	3.717	84	61954	2.084	ng/u1	0.01
7) Phenol-d5	6.958	99	471388	13.424	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.128	67	329375	15.075	ng/u1	0.00
11) 2-Chlorophenol-d4	7.316	132	383988	14.719	ng/u1	-0.01
15) 4-Methylphenol-d8	8.487	113	338189	12.247	ng/u1	-0.01
21) Nitrobenzene-d5	8.940	128	188148	16.092	ng/u1	-0.01
24) 2-Nitrophenol-d4	9.657	143	175172	15.691	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.193	165	317965	14.535	ng/u1	0.00
31) 4-Chloroaniline-d4	10.710	131	428546	11.899	ng/u1	0.00
46) Dimethylphthalate-d6	13.828	166	1047346	16.819	ng/u1	-0.01
49) Acenaphthylene-d8	14.104	160	1306678	17.079	ng/u1	0.00
54) 4-Nitrophenol-d4	14.610	143	105957	8.569	ng/u1	0.00
60) Fluorene-d10	15.404	176	887480	16.953	ng/u1	-0.01
65) 4,6-Dinitro-2-methylph...	15.522	200	74734	8.325	ng/u1	-0.01
73) Anthracene-d10	17.263	188	1273679	17.522	ng/u1	0.00
81) Pyrene-d10	19.504	212	1361665	21.933	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.451	264	931270	17.907	ng/u1	-0.01
Target Compounds						
					Qvalue	
72) Phenanthrene	17.204	178	120225	1.390	ng/u1	99
80) Fluoranthene	19.175	202	286769	3.749	ng/u1	99
82) Pyrene	19.527	202	239036	3.011	ng/u1	97
85) Benzo(a)anthracene	21.245	228	118111	1.579	ng/u1	94
87) Chrysene	21.298	228	134408	1.875	ng/u1	99
90) Benzo(b)fluoranthene	22.892	252	163326	2.513	ng/u1#	97
93) Benzo(a)pyrene	23.498	252	90644	1.595	ng/u1	95

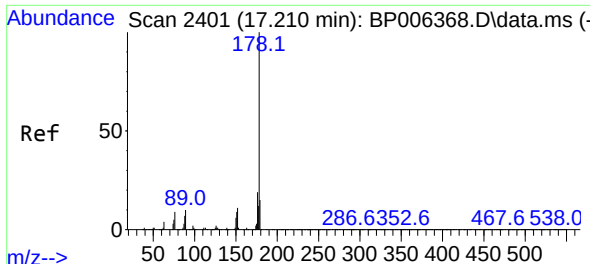
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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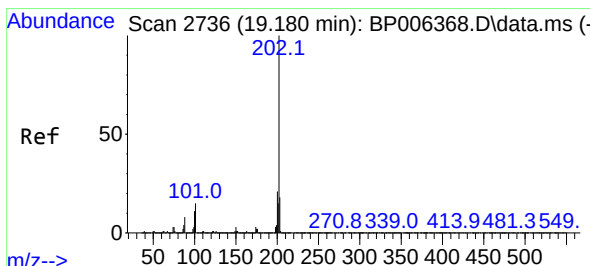
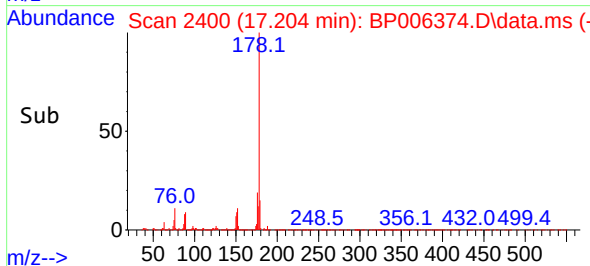
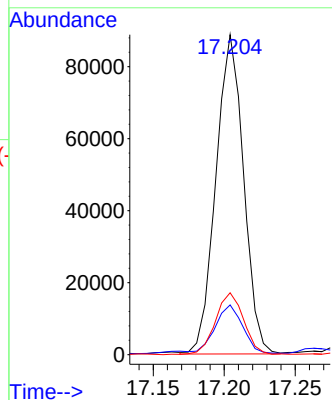
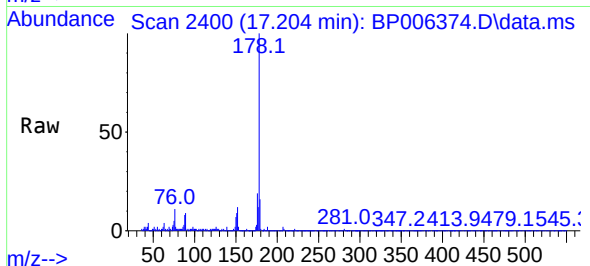




#72
Phenanthrene
Concen: 1.390 ng/ul
RT: 17.204 min Scan# 2400
Delta R.T. -0.012 min
Lab File: BP006374.D
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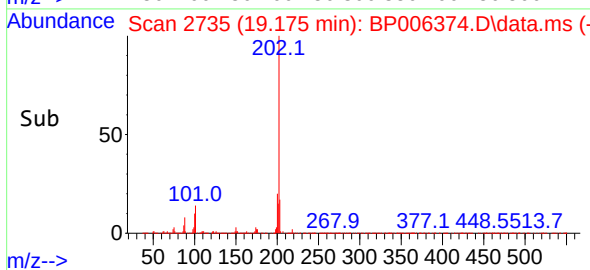
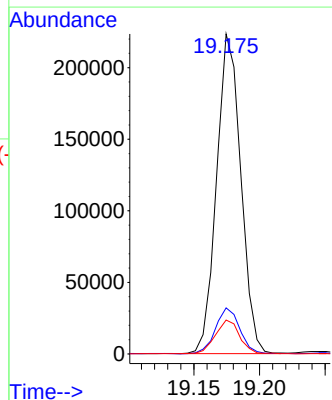
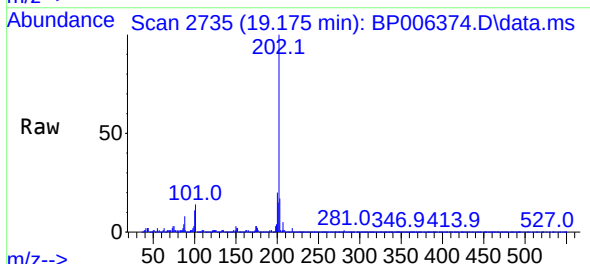
Instrument :
BNA_P
ClientSampled :
C0043

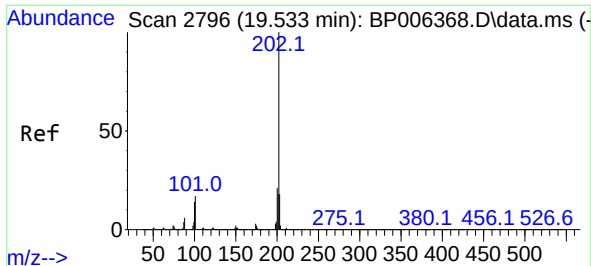
Tgt Ion:178	Resp:	120225
Ion Ratio	Lower	Upper
178	100	
179	15.5	12.0 18.0
176	19.3	15.0 22.6



#80
Fluoranthene
Concen: 3.749 ng/ul
RT: 19.175 min Scan# 2735
Delta R.T. -0.012 min
Lab File: BP006374.D
Acq: 27 Jul 2021 21:16

Tgt Ion:202	Resp:	286769
Ion Ratio	Lower	Upper
202	100	
101	14.4	11.0 16.6
100	10.6	8.8 13.2

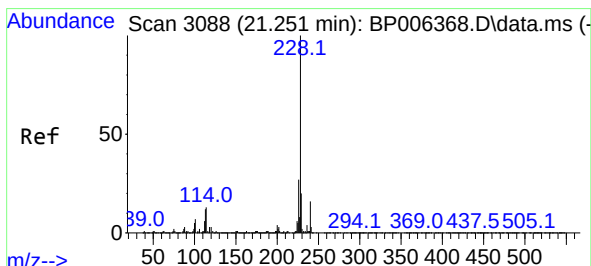
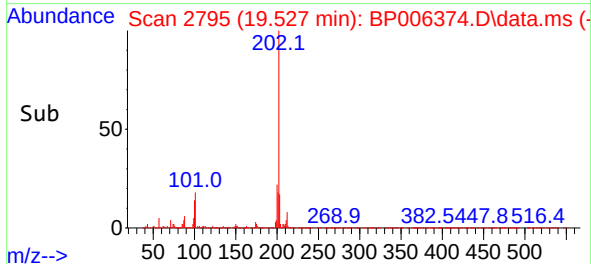
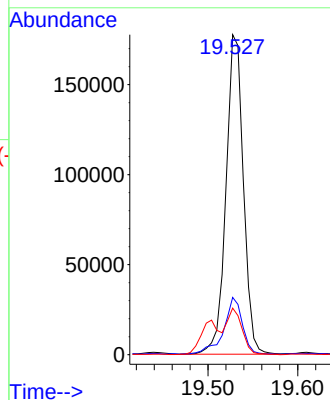
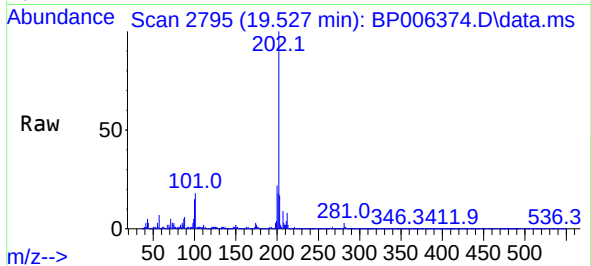




#82
Pyrene
Concen: 3.011 ng/ul
RT: 19.527 min Scan# 2795
Delta R.T. -0.012 min
Lab File: BP006374.D
Acq: 27 Jul 2021 21:16

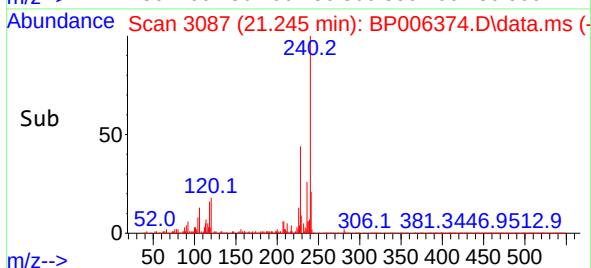
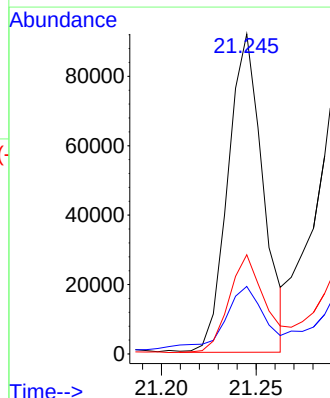
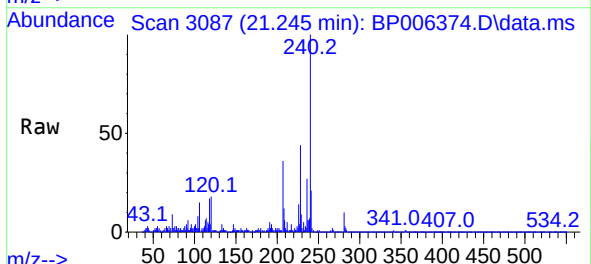
Instrument :
BNA_P
ClientSampled :
C0043

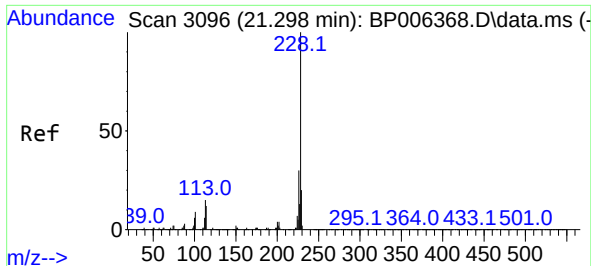
Tgt Ion:202 Resp: 239036
Ion Ratio Lower Upper
202 100
101 17.9 13.0 19.4
100 14.5 11.0 16.4



#85
Benzo(a)anthracene
Concen: 1.579 ng/ul
RT: 21.245 min Scan# 3087
Delta R.T. -0.006 min
Lab File: BP006374.D
Acq: 27 Jul 2021 21:16

Tgt Ion:228 Resp: 118111
Ion Ratio Lower Upper
228 100
229 21.1 15.9 23.9
226 31.0 21.6 32.4

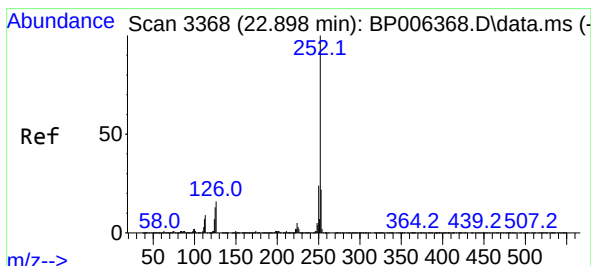
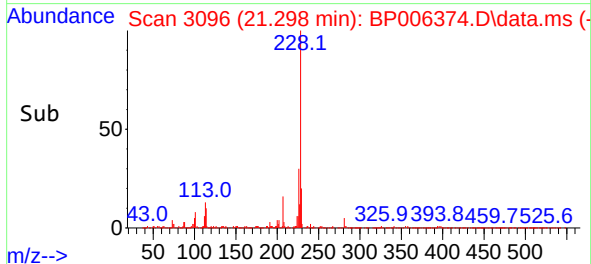
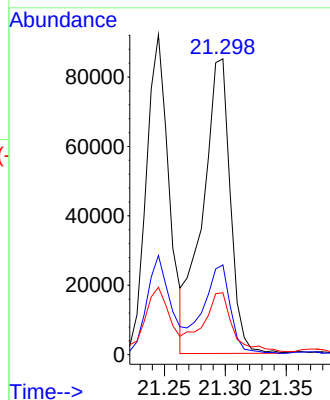
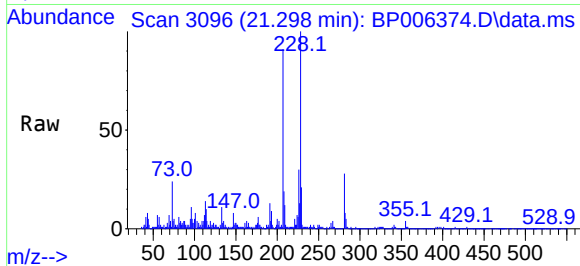




#87
Chrysene
Concen: 1.875 ng/ul
RT: 21.298 min Scan# 3096
Delta R.T. -0.006 min
Lab File: BP006374.D
Acq: 27 Jul 2021 21:16

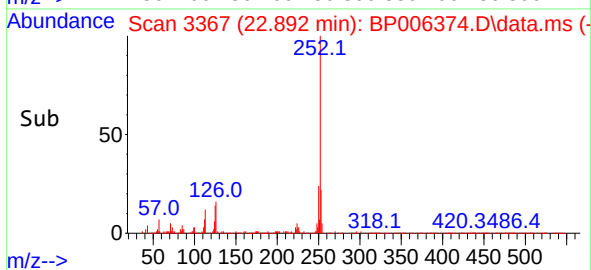
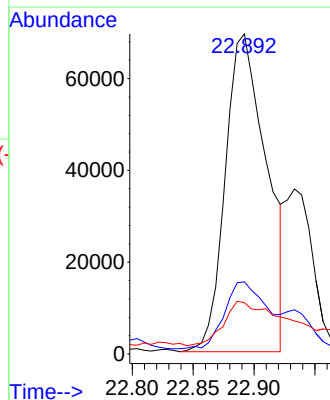
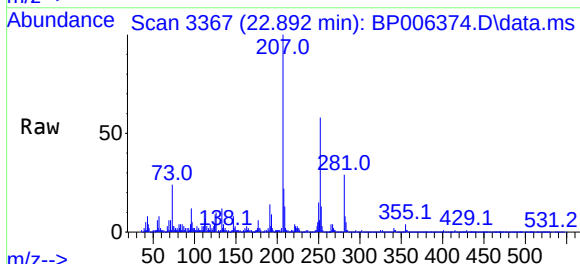
Instrument :
BNA_P
ClientSampled :
C0043

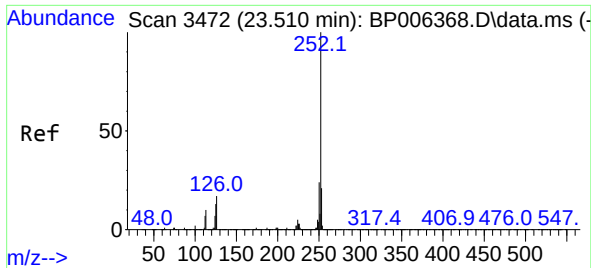
Tgt Ion:228	Resp: 134408		
Ion Ratio	Lower	Upper	
228	100		
226	30.3	24.1	36.1
229	20.9	15.8	23.6



#90
Benzo(b)fluoranthene
Concen: 2.513 ng/ul
RT: 22.892 min Scan# 3367
Delta R.T. -0.006 min
Lab File: BP006374.D
Acq: 27 Jul 2021 21:16

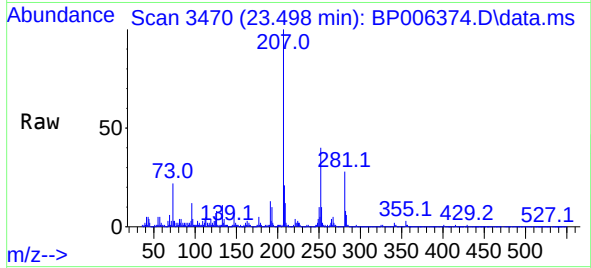
Tgt	Ion:252	Resp:	163326
Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.7	26.5
125	16.1	10.6	16.0#





#93
Benzo(a)pyrene
Concen: 1.595 ng/ul
RT: 23.498 min Scan# 3470
Delta R.T. -0.012 min
Lab File: BP006374.D
Acq: 27 Jul 2021 21:16

Instrument :
BNA_P
ClientSampleId :
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Tgt Ion:252 Resp: 90644

Ion	Ratio	Lower	Upper
252	100		
253	24.9	17.6	26.4
125	16.7	11.8	17.8

