

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP080721\
 Data File : BP006587.D
 Acq On : 08 Aug 2021 02:55
 Operator : CG/JU
 Sample : M3169-17
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 C00B6

Manual Integrations
 APPROVED

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Quant Time: Aug 08 03:59:30 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SFAM-EPA-BP072421.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sun Aug 08 03:08:02 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.752	152	235490	20.000	ng/u1	0.00
20) Naphthalene-d8	10.534	136	1014261	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.381	164	554335	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.128	188	1052060	20.000	ng/u1	0.00
79) Chrysene-d12	21.227	240	987268	20.000	ng/u1	0.00
88) Perylene-d12	23.551	264	1026906	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.275	96	19950	3.162	ng/uL	0.00
4) Pyridine-d5	3.687	84	176365	9.417	ng/u1	0.01
7) Phenol-d5	6.928	99	507703	22.955	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.093	67	339071	24.639	ng/u1	0.00
11) 2-Chlorophenol-d4	7.287	132	403269	24.542	ng/u1	0.00
15) 4-Methylphenol-d8	8.458	113	361795	20.801	ng/u1	0.00
21) Nitrobenzene-d5	8.905	128	209465	27.736	ng/u1	0.00
24) 2-Nitrophenol-d4	9.622	143	210639	29.211	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.157	165	341400	24.160	ng/u1	0.00
31) 4-Chloroaniline-d4	10.675	131	365276	15.702	ng/u1	0.00
46) Dimethylphthalate-d6	13.798	166	1121103	28.416	ng/u1	0.00
49) Acenaphthylene-d8	14.069	160	1372089	28.307	ng/u1	0.00
54) 4-Nitrophenol-d4	14.587	143	162846	20.788	ng/u1	0.00
60) Fluorene-d10	15.375	176	923503	27.844	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.498	200	114310	19.490	ng/u1	0.00
73) Anthracene-d10	17.228	188	1365081	28.744	ng/u1	0.00
81) Pyrene-d10	19.475	212	1550765	30.539	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.404	264	1532304	29.363	ng/u1	0.00
Target Compounds						
					Qvalue	
30) Naphthalene	10.581	128	68026	1.293	ng/u1	96
36) 2-Methylnaphthalene	12.193	142	49850	1.382	ng/u1	96
50) Acenaphthylene	14.098	152	90867	1.925	ng/u1	98
72) Phenanthrene	17.175	178	513587	9.091	ng/u1	99
74) Anthracene	17.263	178	98588	1.721	ng/u1	98
80) Fluoranthene	19.145	202	957944	15.310	ng/u1	99
82) Pyrene	19.498	202	774482	11.928	ng/u1	100
85) Benzo(a)anthracene	21.210	228	434370	7.100	ng/u1	95
87) Chrysene	21.263	228	456683	7.788	ng/u1	97
90) Benzo(b)fluoranthene	22.845	252	641114	9.829	ng/u1	97
91) Benzo(k)fluoranthene	22.886	252	178960m	2.891	ng/u1	
93) Benzo(a)pyrene	23.451	252	377116	6.614	ng/u1	97
94) Indeno(1,2,3-cd)pyrene	25.939	276	287532	3.940	ng/u1	98
95) Dibenzo(a,h)anthracene	25.951	278	77185	1.249	ng/u1#	85

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

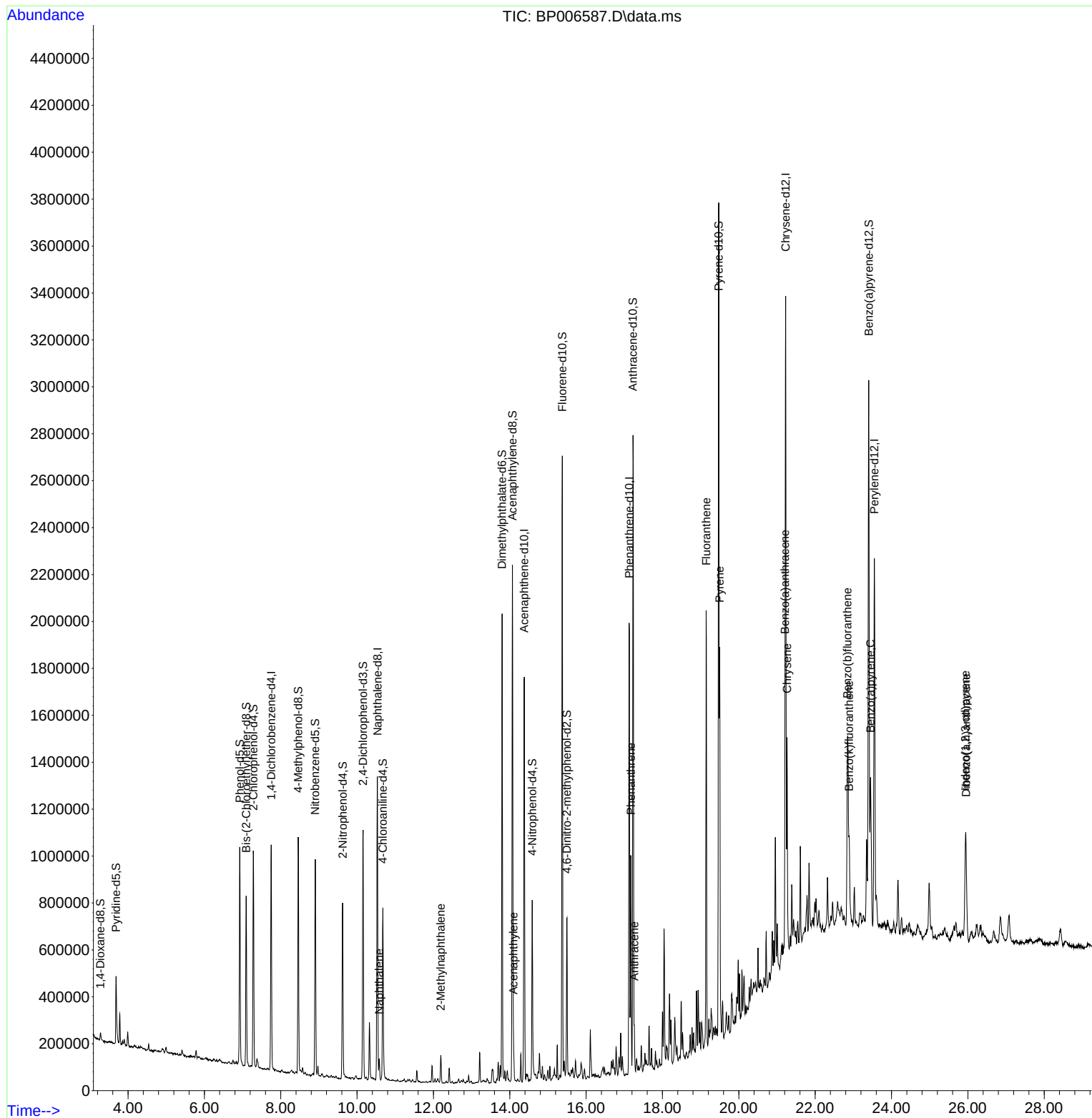
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP080721\
Data File : BP006587.D
Acq On : 08 Aug 2021 02:55
Operator : CG/JU
Sample : M3169-17
Misc :
ALS Vial : 29 Sample Multiplier: 1

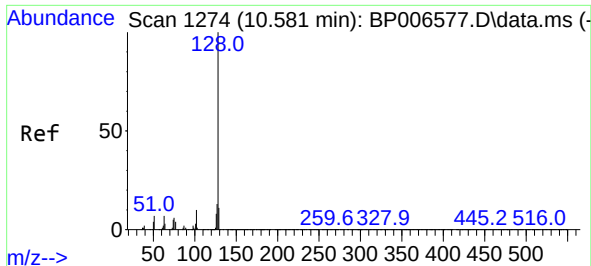
Instrument :
BNA_P
ClientSampleId :
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Quant Time: Aug 08 03:59:30 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SFAM-EPA-BP072421.M
Quant Title : SVOA CALIBRATION
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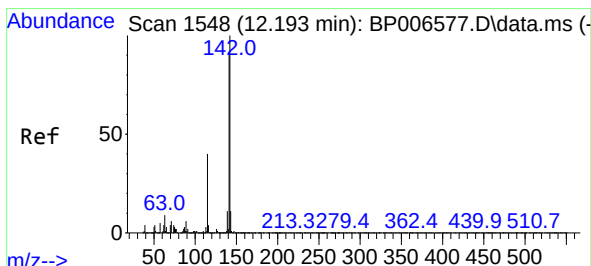
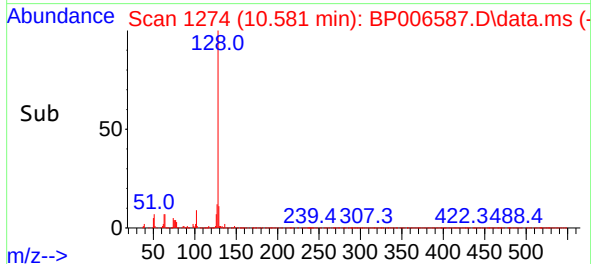
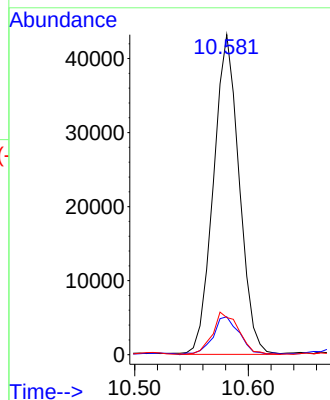
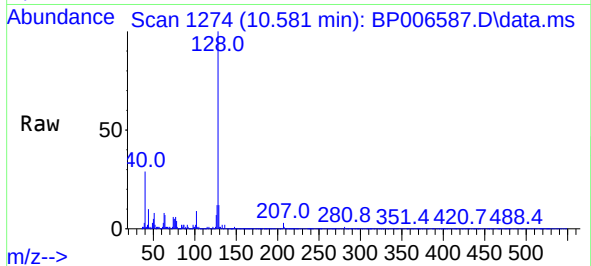
#30
Naphthalene
Concen: 1.293 ng/ul
RT: 10.581 min Scan# 1274
Delta R.T. -0.000 min
Lab File: BP006587.D
Acq: 08 Aug 2021 02:55

Tgt Ion:128 Resp: 68026
Ion Ratio Lower Upper
128 100
129 11.9 8.6 13.0
127 11.6 10.6 15.8

Instrument :
BNA_P
ClientSampleId :
C00B6

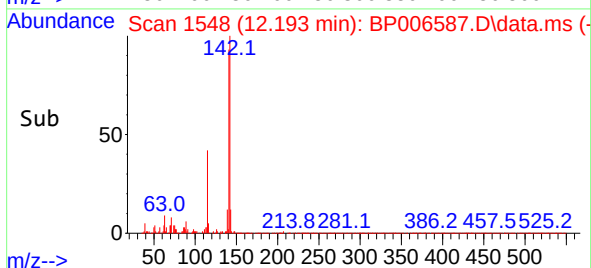
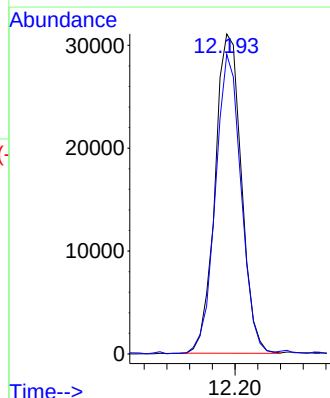
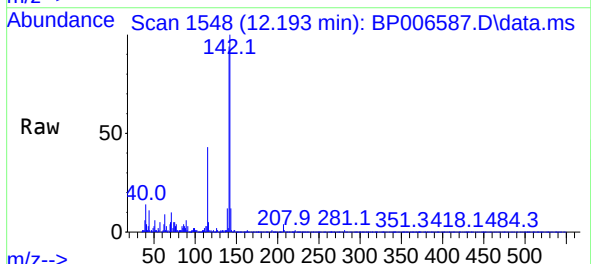
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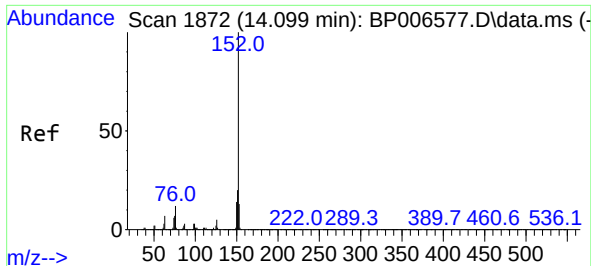
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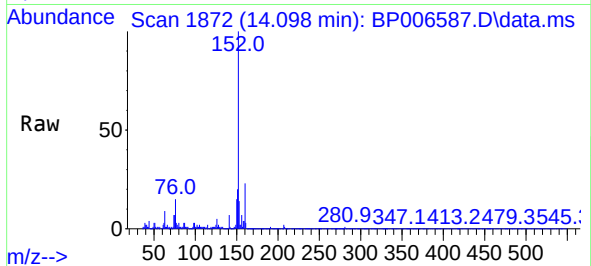
#36
2-Methylnaphthalene
Concen: 1.382 ng/ul
RT: 12.193 min Scan# 1548
Delta R.T. -0.000 min
Lab File: BP006587.D
Acq: 08 Aug 2021 02:55

Tgt Ion:142 Resp: 49850
Ion Ratio Lower Upper
142 100
141 93.6 71.5 107.3

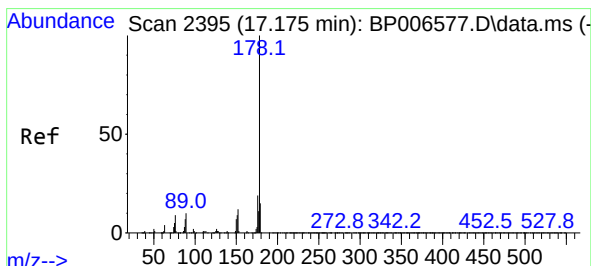
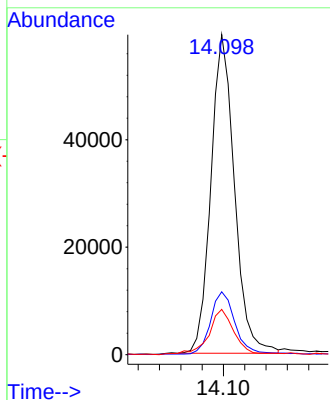
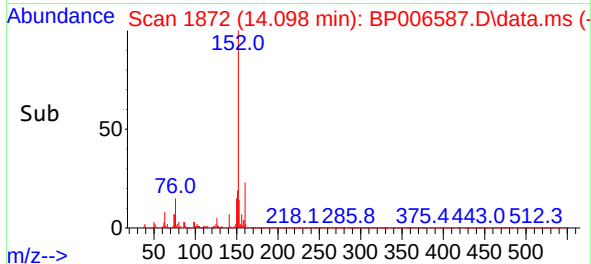




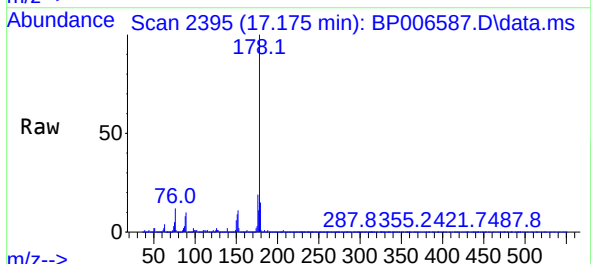
#50
Acenaphthylene
Concen: 1.925 ng/ul
RT: 14.098 min Scan# 1872
Delta R.T. -0.000 min
Lab File: BP006587.D
Acq: 08 Aug 2021 02:55



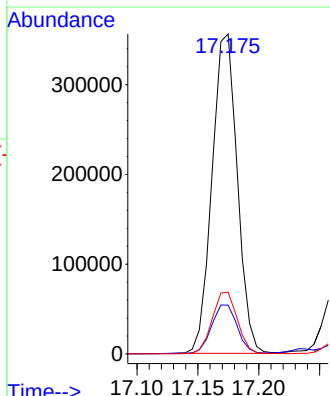
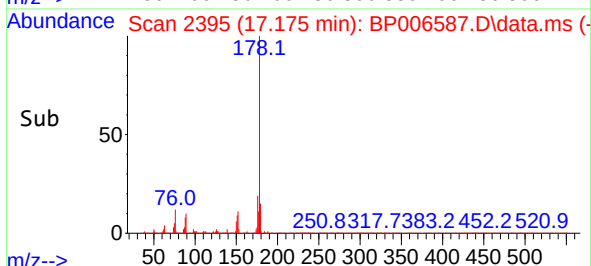
Tgt Ion:152 Resp: 90867
Ion Ratio Lower Upper
152 100
151 19.7 16.0 24.0
153 14.1 10.3 15.5



#72
Phenanthrene
Concen: 9.091 ng/ul
RT: 17.175 min Scan# 2395
Delta R.T. -0.000 min
Lab File: BP006587.D
Acq: 08 Aug 2021 02:55



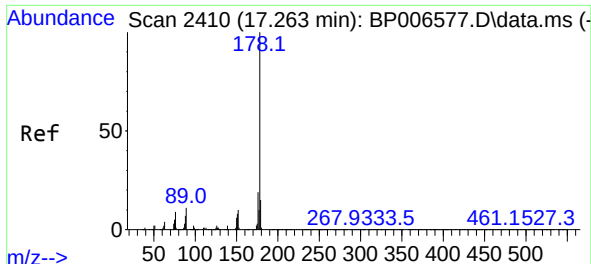
Tgt Ion:178 Resp: 513587
Ion Ratio Lower Upper
178 100
179 15.2 12.4 18.6
176 19.3 15.2 22.8



Instrument :
BNA_P
ClientSampleId :
C00B6

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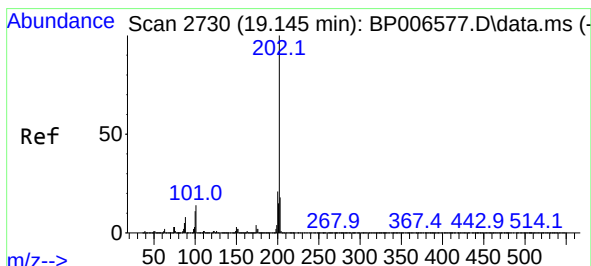
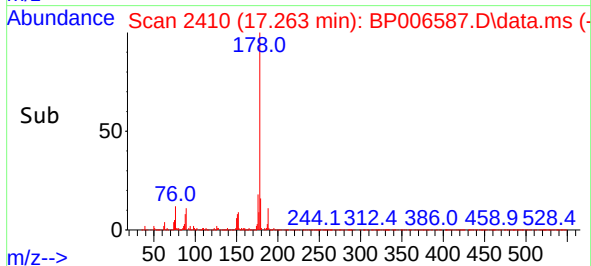
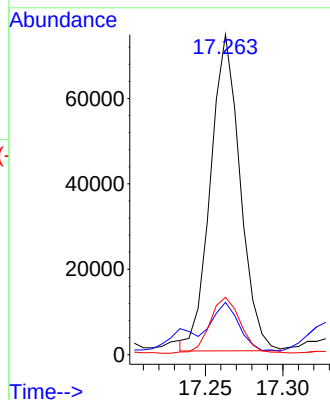
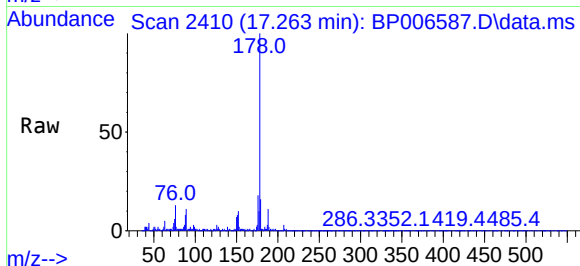
#74
 Anthracene
 Concen: 1.721 ng/ul
 RT: 17.263 min Scan# 2410
 Delta R.T. -0.006 min
 Lab File: BP006587.D
 Acq: 08 Aug 2021 02:55

Tgt Ion:	178	Resp:	98588
Ion Ratio	Lower	Upper	
178	100		
179	16.4	12.0	18.0
176	18.0	14.7	22.1

Instrument :
 BNA_P
 ClientSampleId :
 C00B6

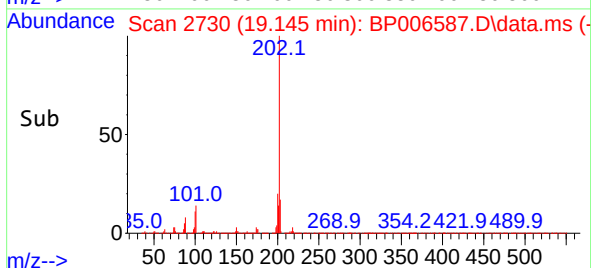
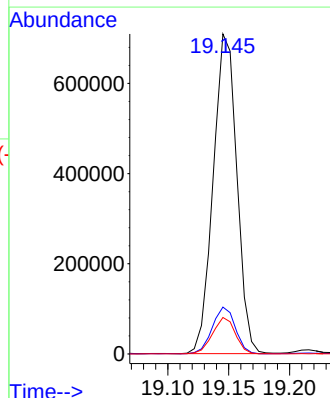
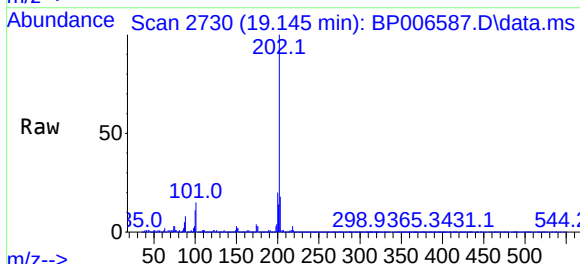
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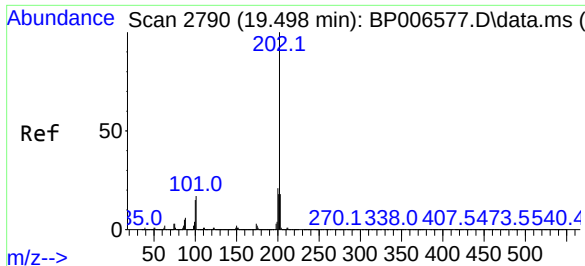
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#80
 Fluoranthene
 Concen: 15.310 ng/ul
 RT: 19.145 min Scan# 2730
 Delta R.T. -0.006 min
 Lab File: BP006587.D
 Acq: 08 Aug 2021 02:55

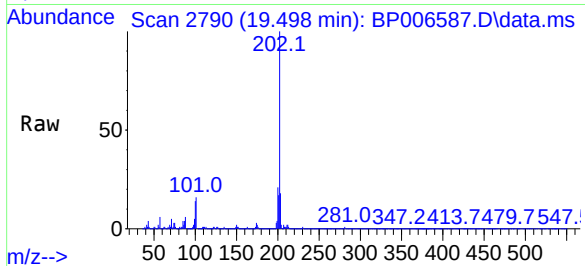
Tgt Ion:	202	Resp:	957944
Ion Ratio	Lower	Upper	
202	100		
101	14.6	11.2	16.8
100	11.4	8.7	13.1





#82
Pyrene
Concen: 11.928 ng/ul
RT: 19.498 min Scan# 2790
Delta R.T. -0.006 min
Lab File: BP006587.D
Acq: 08 Aug 2021 02:55

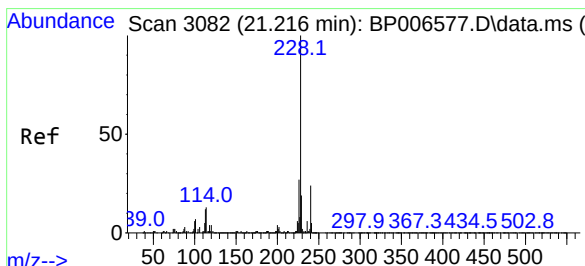
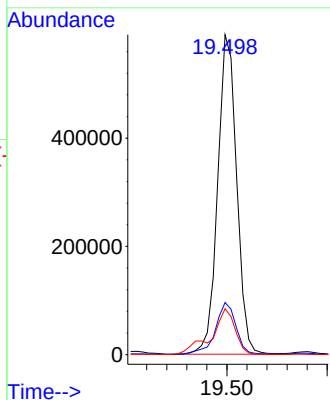
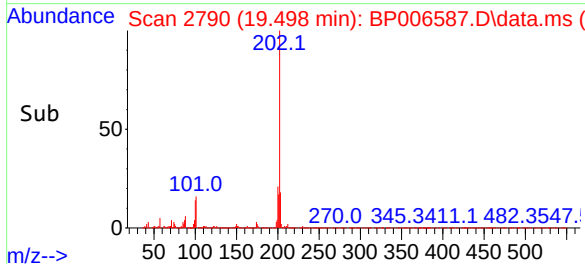
Instrument :
BNA_P
ClientSampled :
C00B6



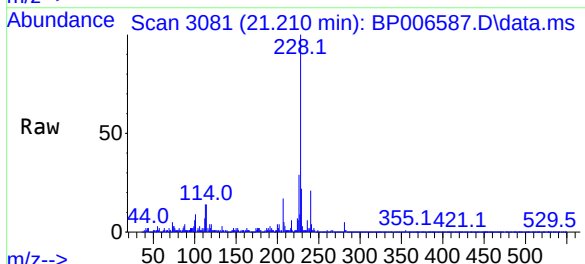
Tgt Ion:202 Resp: 774482
Ion Ratio Lower Upper
202 100
101 16.3 13.0 19.6
100 14.4 11.4 17.0

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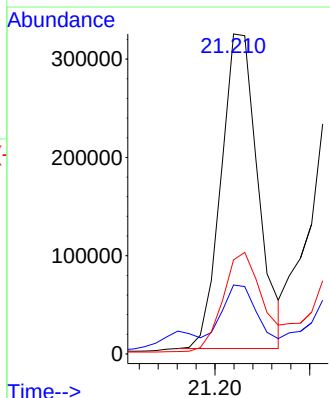
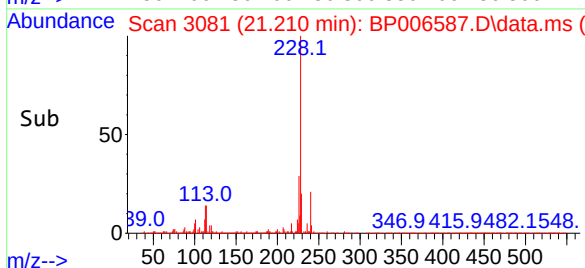
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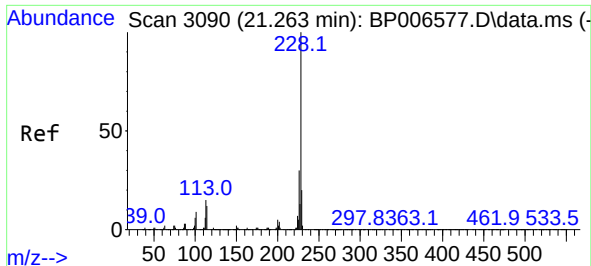


#85
Benzo(a)anthracene
Concen: 7.100 ng/ul
RT: 21.210 min Scan# 3081
Delta R.T. -0.006 min
Lab File: BP006587.D
Acq: 08 Aug 2021 02:55



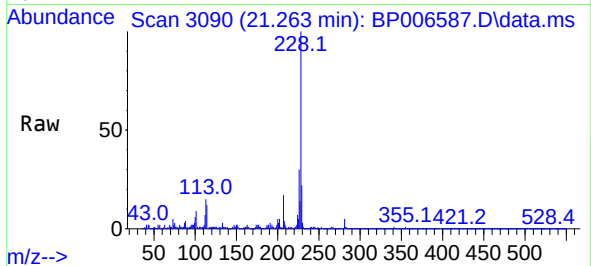
Tgt Ion:228 Resp: 434370
Ion Ratio Lower Upper
228 100
229 21.6 15.6 23.4
226 29.4 21.2 31.8





#87
Chrysene
Concen: 7.788 ng/ul
RT: 21.263 min Scan# 3090
Delta R.T. -0.006 min
Lab File: BP006587.D
Acq: 08 Aug 2021 02:55

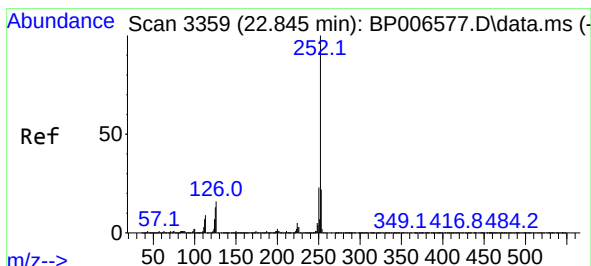
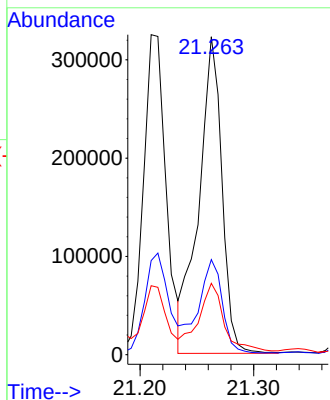
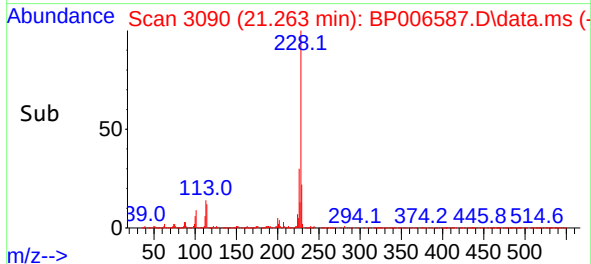
Instrument :
BNA_P
ClientSampled :
C00B6



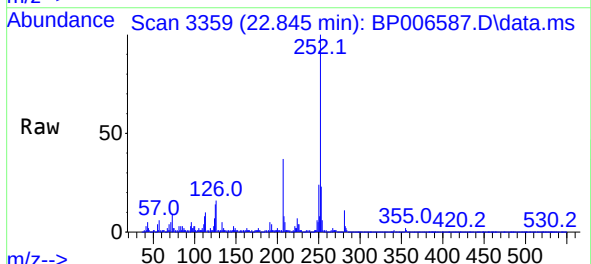
Tgt Ion:228 Resp: 456683
Ion Ratio Lower Upper
228 100
226 29.9 24.5 36.7
229 22.4 15.5 23.3

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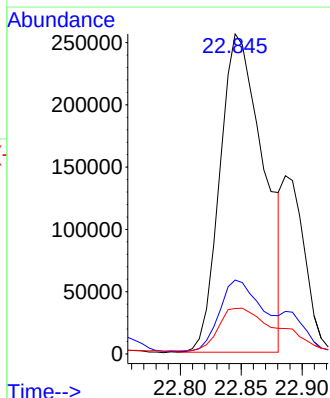
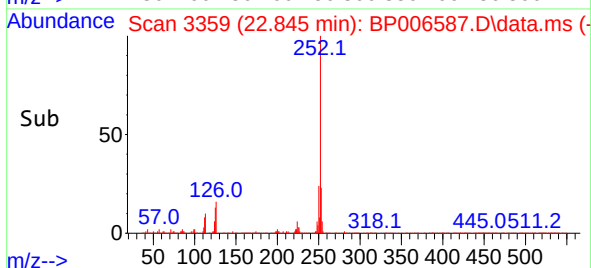
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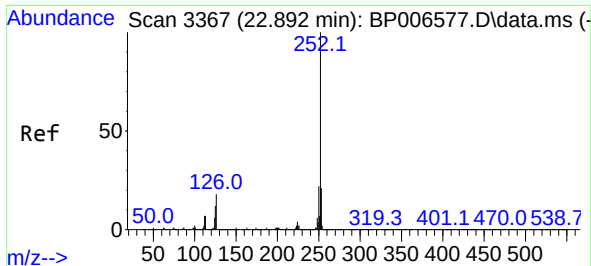


#90
Benzo(b)fluoranthene
Concen: 9.829 ng/ul
RT: 22.845 min Scan# 3359
Delta R.T. -0.006 min
Lab File: BP006587.D
Acq: 08 Aug 2021 02:55



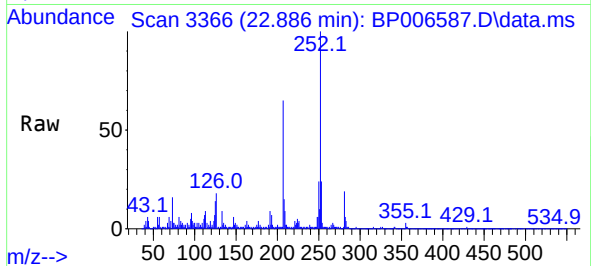
Tgt Ion:252 Resp: 641114
Ion Ratio Lower Upper
252 100
253 23.1 17.4 26.2
125 14.2 10.6 15.8





#91
Benzo(k)fluoranthene
Concen: 2.891 ng/ul m
RT: 22.886 min Scan# 3366
Delta R.T. -0.012 min
Lab File: BP006587.D
Acq: 08 Aug 2021 02:55

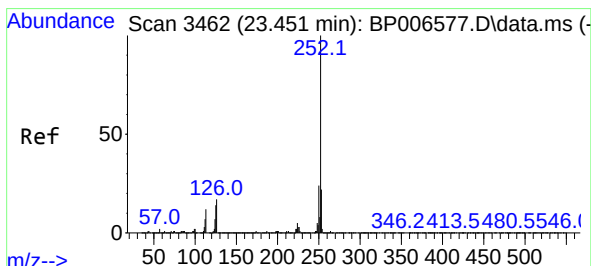
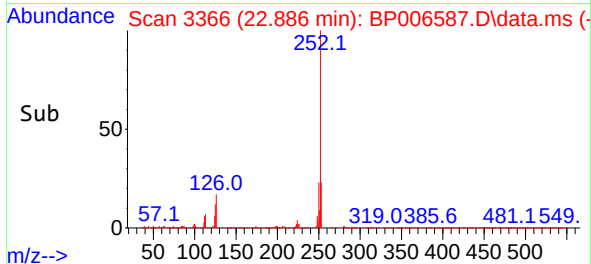
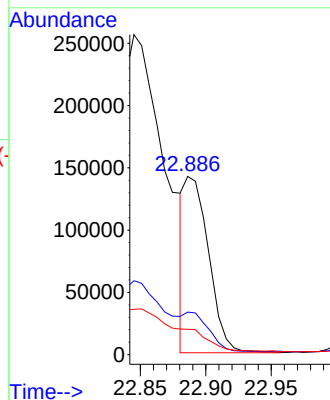
Instrument :
BNA_P
ClientSampled :
C00B6



Tgt Ion:252 Resp: 178960
Ion Ratio Lower Upper
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125 14.3 9.6 14.4

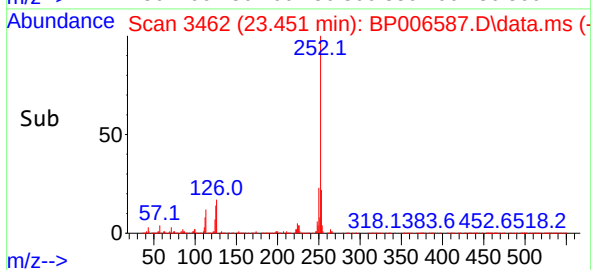
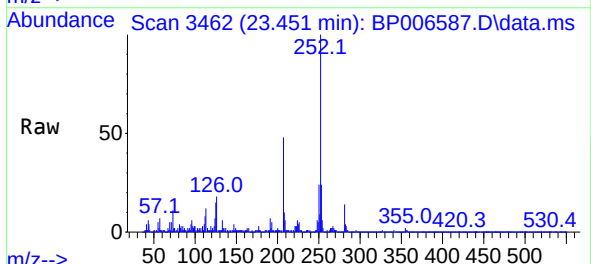
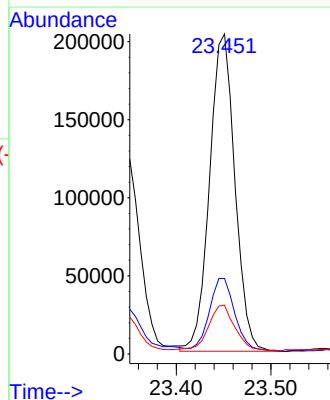
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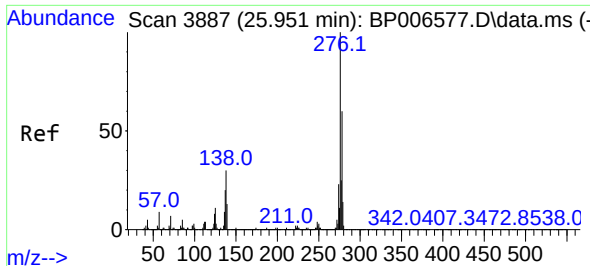
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#93
Benzo(a)pyrene
Concen: 6.614 ng/ul
RT: 23.451 min Scan# 3462
Delta R.T. -0.006 min
Lab File: BP006587.D
Acq: 08 Aug 2021 02:55

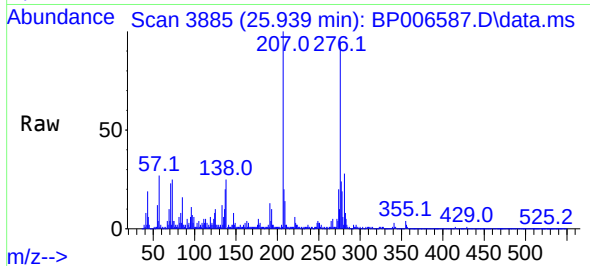
Tgt Ion:252 Resp: 377116
Ion Ratio Lower Upper
252 100
253 23.6 17.5 26.3
125 15.2 11.6 17.4





#94
Indeno(1,2,3-cd)pyrene
Concen: 3.940 ng/ul
RT: 25.939 min Scan# 3885
Delta R.T. -0.024 min
Lab File: BP006587.D
Acq: 08 Aug 2021 02:55

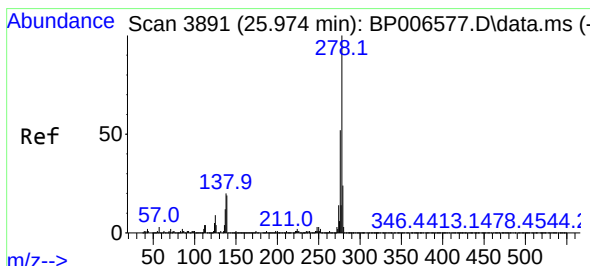
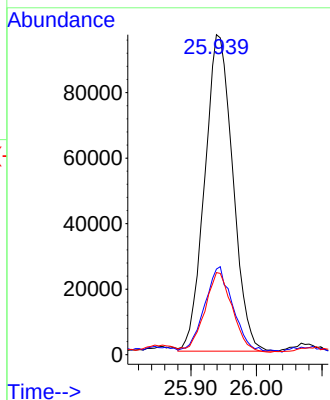
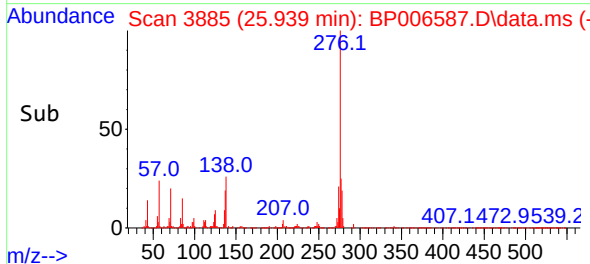
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BNA_P
ClientSampled :
C00B6



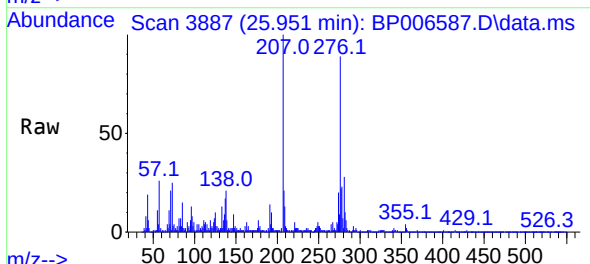
Tgt Ion: 276 Resp: 287532
Ion Ratio Lower Upper
276 100
138 26.7 22.9 34.3
277 25.7 20.0 30.0

Manual Integrations
APPROVED

mohammad
8/9/2021 12:17:04 PM



#95
Dibenzo(a,h)anthracene
Concen: 1.249 ng/ul
RT: 25.951 min Scan# 3887
Delta R.T. -0.035 min
Lab File: BP006587.D
Acq: 08 Aug 2021 02:55



Tgt Ion: 278 Resp: 77185
Ion Ratio Lower Upper
278 100
139 27.4 15.1 22.7#
279 29.6 19.0 28.6#

