

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP121320\
 Data File : BP004256.D
 Acq On : 12 Dec 2020 13:27
 Operator : CG/JU
 Sample : L5063-04
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 C0AD6

Manual Integrations
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Quant Time: Dec 14 14:32:09 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP121020MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Dec 10 13:52:32 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.83	152	376651	20.00	ng/ul	0.00
18) Naphthalene-d8	10.63	136	1403217	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.49	164	872991	20.00	ng/ul	0.01
62) Phenanthrene-d10	17.25	188	1732843	20.00	ng/ul	0.02
78) Chrysene-d12	21.35	240	1711801	20.00	ng/ul	0.03
86) Perylene-d12	23.75	264	2118862	20.00	ng/ul	0.08
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.33	96	23825	2.22	ng/uL	0.00
5) Phenol-d5	7.00	99	519279	16.67	ng/ul	0.01
7) Bis-(2-Chloroethyl)ether-d	7.17	67	291124	14.97	ng/ul	0.00
9) 2-Chlorophenol-d4	7.37	132	426583	18.04	ng/ul	0.00
13) 4-Methylphenol-d8	8.53	113	386264	16.41	ng/ul	0.00
19) Nitrobenzene-d5	8.99	128	215748	18.77	ng/ul	0.00
22) 2-Nitrophenol-d4	9.71	143	224082	23.64	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.25	165	414254	19.88	ng/ul	0.01
29) 4-Chloroaniline-d4	10.75	131	1305028	50.51	ng/ul	0.00
44) Dimethylphthalate-d6	13.89	166	1059593	15.88	ng/ul	0.01
47) Acenaphthylene-d8	14.18	160	1497111	17.58	ng/ul	0.02
52) 4-Nitrophenol-d4	14.69	143	251833m	22.35	ng/ul	0.03
58) Fluorene-d10	15.49	176	1011324	16.74	ng/ul	0.02
63) 4,6-Dinitro-2-methylphenol	15.60	200	39793	4.79	ng/ul	0.02
71) Anthracene-d10	17.35	188	1528736	18.10	ng/ul	0.02
79) Pyrene-d10	19.60	212	1772369	19.87	ng/ul	0.03
90) Benzo(a)pyrene-d12	23.60	264	1996277	17.88	ng/ul	0.08
Target Compounds						
6) Phenol	7.02	94	41037	1.261	ng/ul	93
24) 2,4-Dimethylphenol	9.85	107	57502m	2.351	ng/ul	
28) Naphthalene	10.69	128	1145634	14.401	ng/ul#	91
34) 2-Methylnaphthalene	12.30	142	5396836	100.837	ng/ul	97
41) 1,1'-Biphenyl	13.32	154	700107	9.563	ng/ul	99
45) Dimethylphthalate	13.94	163	190906	2.809	ng/ul#	70
48) Acenaphthylene	14.22	152	360213m	4.262	ng/ul	
50) Acenaphthene	14.55	153	789321m	13.191	ng/ul	
54) Dibenzofuran	14.89	168	687841m	8.158	ng/ul	
59) Fluorene	15.55	166	898430	13.323	ng/ul#	89
70) Phenanthrene	17.30	178	10622710	103.909	ng/ul#	94
72) Anthracene	17.39	178	1251866	12.377	ng/ul#	88
77) Fluoranthene	19.27	202	1767681	16.194	ng/ul#	95
80) Pyrene	19.63	202	8770383	75.954	ng/ul#	93
83) Benzo(a)anthracene	21.34	228	1048912	9.296	ng/ul#	31
85) Chrysene	21.39	228	1376292m	12.433	ng/ul	
88) Benzo(b)fluoranthene	23.02	252	650804m	4.843	ng/ul	
91) Benzo(a)pyrene	23.64	252	582419	4.645	ng/ul#	25
92) Indeno(1,2,3-cd)pyrene	26.19	276	273802	1.741	ng/ul#	52
93) Dibenz(a,h)anthracene	26.20	278	153497	1.165	ng/ul#	1
94) Benzo(a,h,i)perylene	26.95	276	446601	3.385	ng/ul#	65

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP121320\
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Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP121020MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Dec 10 13:52:32 2020
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

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

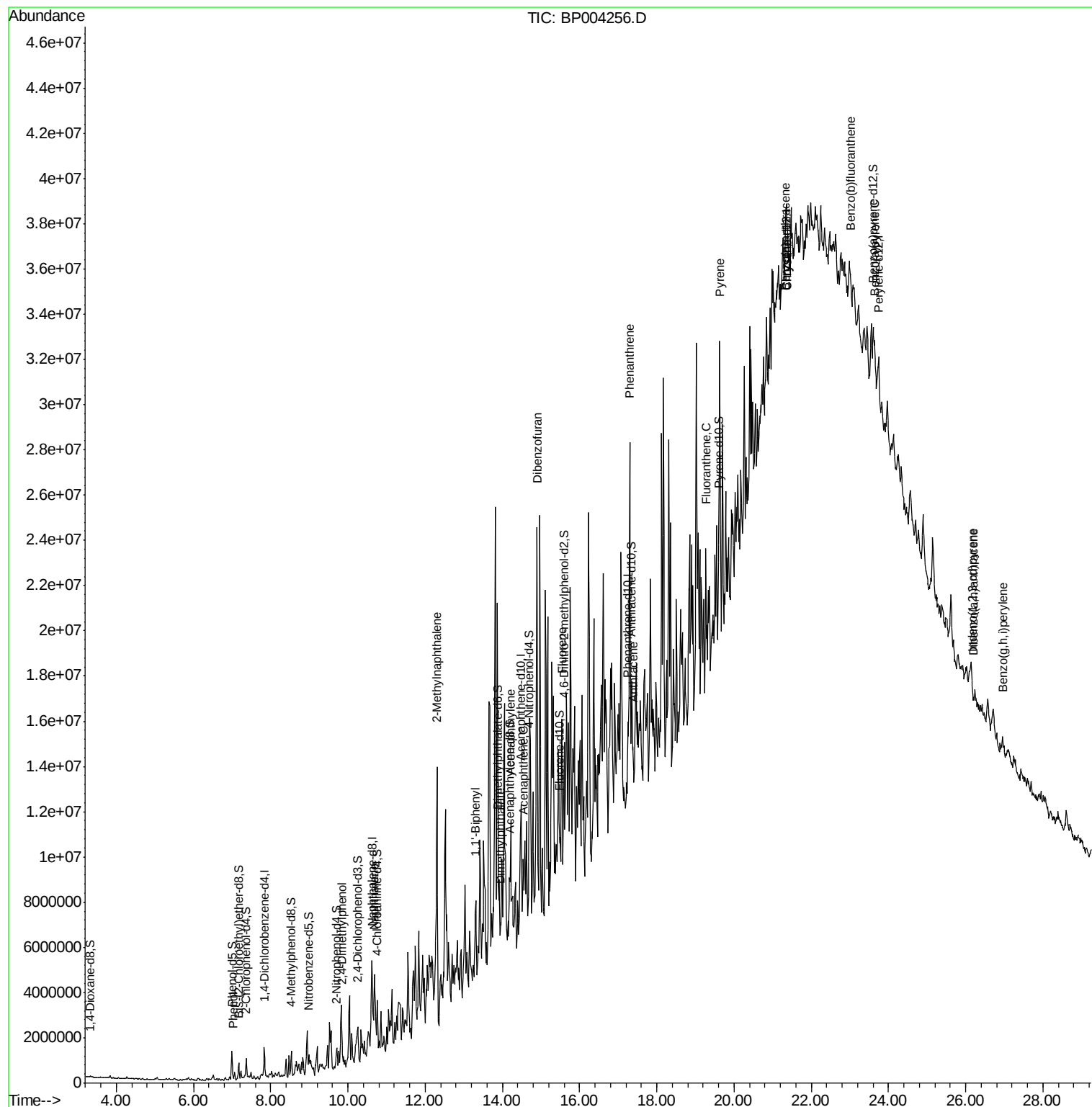
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Data File : BP004256.D
Acq On : 12 Dec 2020 13:27
Operator : CG/JU
Sample : L5063-04
Misc :
ALS Vial : 8 Sample Multiplier: 1

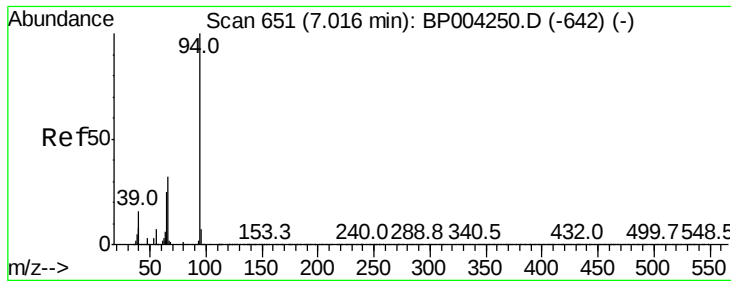
Instrument :
BNA_P
ClientSampled :
C0AD6

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#6

Phenol

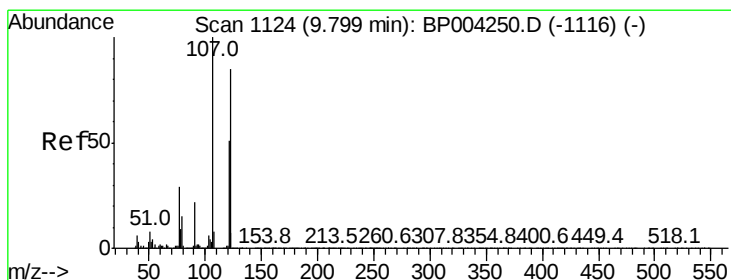
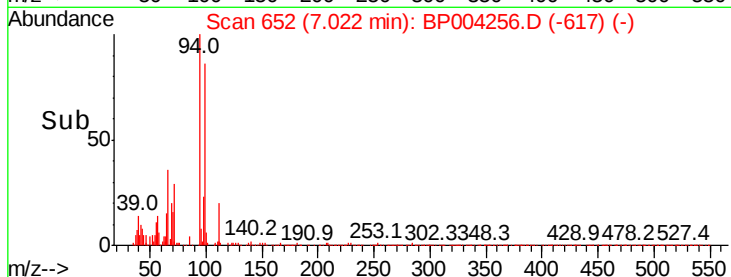
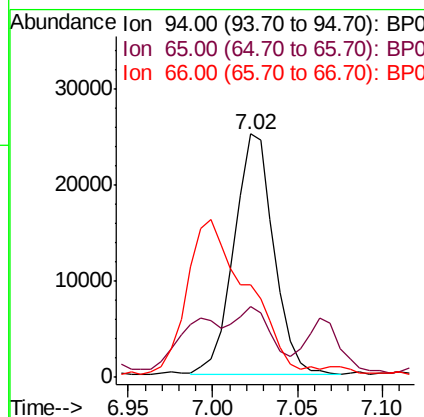
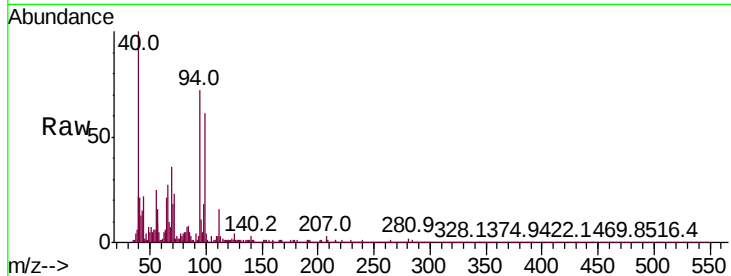
Concen: 1.261 ng/ul
 RT: 7.02 min Scan# 652
 Delta R.T. 0.01 min
 Lab File: BP004256.D
 Acq: 12 Dec 2020 13:27

Instrument :
 BNA_P
 ClientSampleId :
 C0AD6

Tot Ion	Ratio	Lower	Upper
94	100		
65	28.8	20.8	31.2
66	38.0	26.5	39.7

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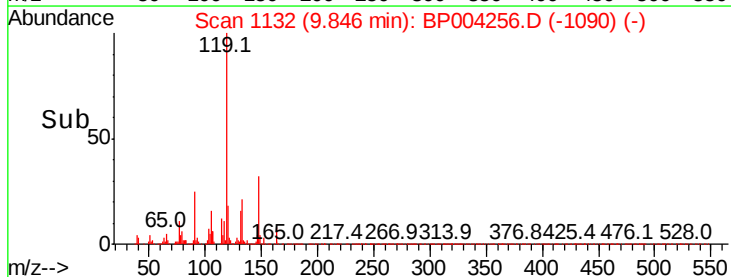
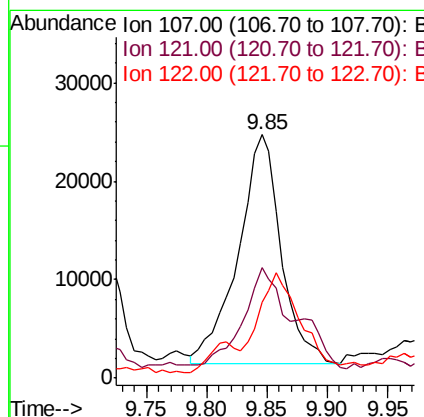
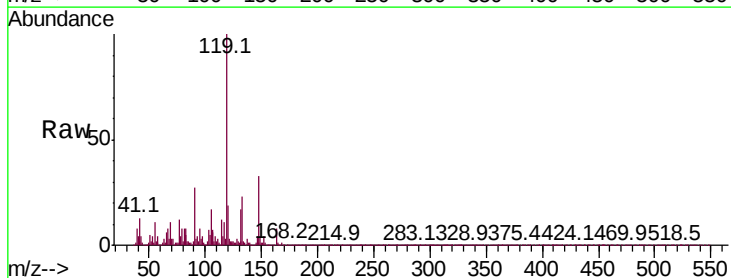


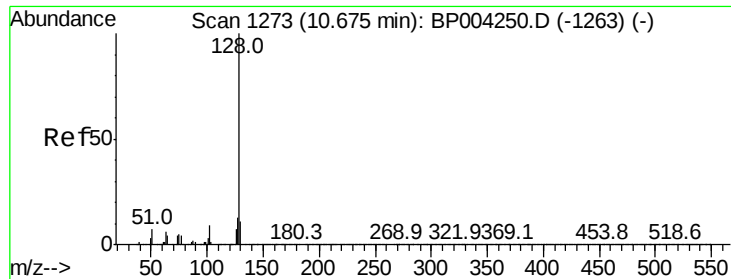
#24

2,4-Dimethylphenol

Concen: 2.351 ng/ul m
 RT: 9.85 min Scan# 1132
 Delta R.T. 0.05 min
 Lab File: BP004256.D
 Acq: 12 Dec 2020 13:27

Tgt Ion	Ratio	Lower	Upper
107	100		
121	45.3	41.2	61.8
122	31.3	69.3	103.9#





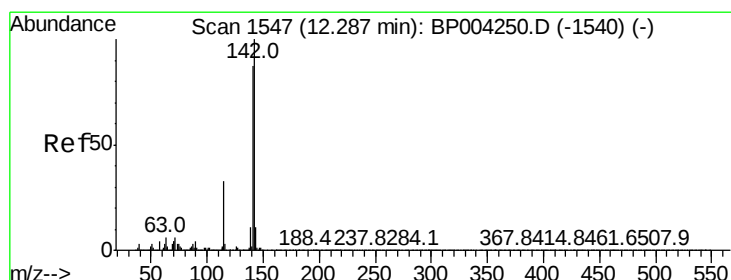
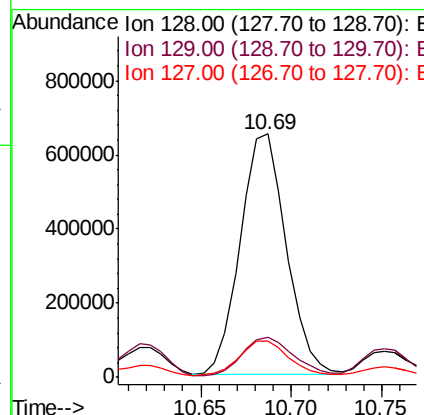
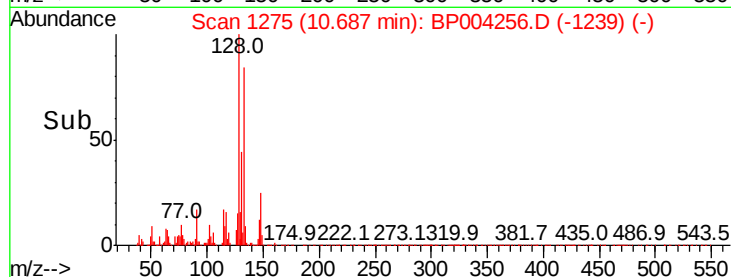
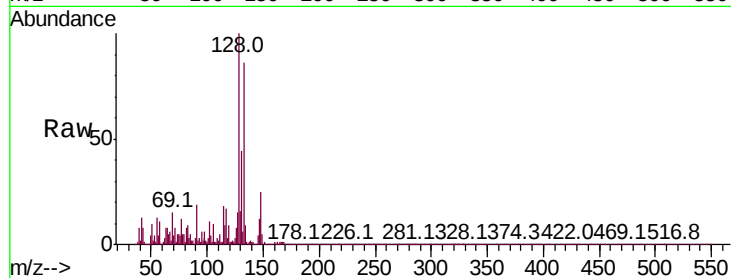
#28
Naphthalene
Concen: 14.401 ng/ul
RT: 10.69 min Scan# 1275
Delta R.T. 0.01 min
Lab File: BP004256.D
Acq: 12 Dec 2020 13:27

Instrument :
BNA_P
ClientSampleId :
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Tot Ion:128 Resp: 1145634
Ion Ratio Lower Upper
128 100
129 16.4 8.8 13.2#
127 15.1 10.6 16.0

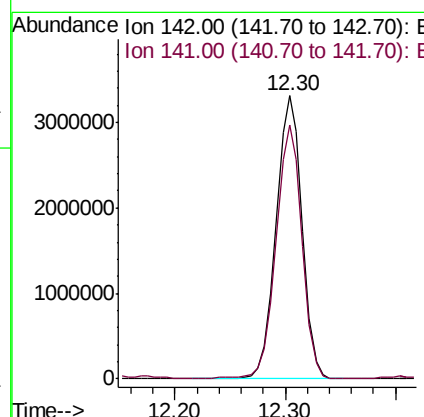
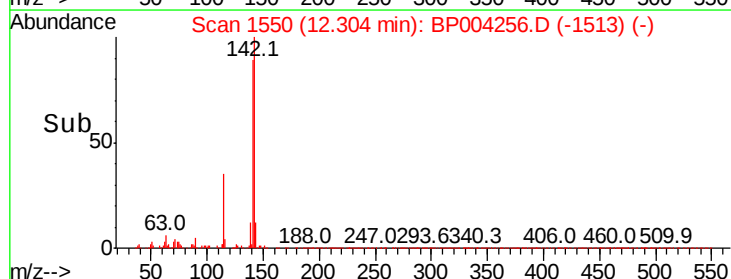
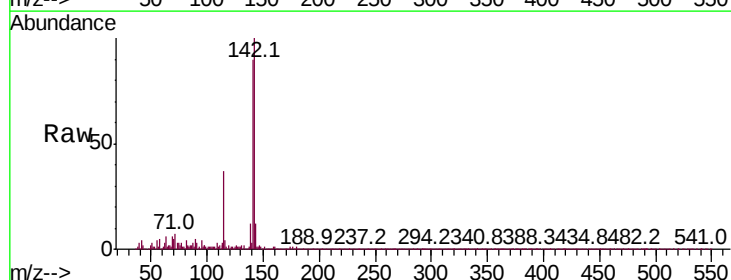
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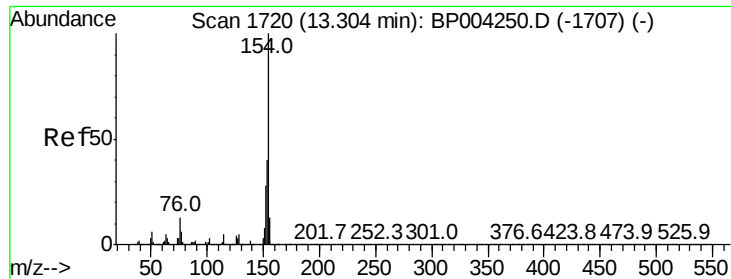
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#34
2-Methylnaphthalene
Concen: 100.837 ng/ul
RT: 12.30 min Scan# 1550
Delta R.T. 0.02 min
Lab File: BP004256.D
Acq: 12 Dec 2020 13:27

Tgt Ion:142 Resp: 5396836
Ion Ratio Lower Upper
142 100
141 89.6 69.7 104.5





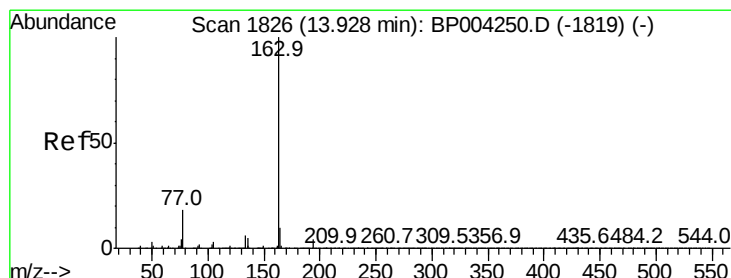
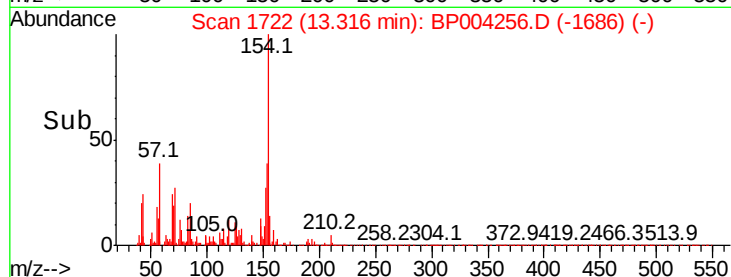
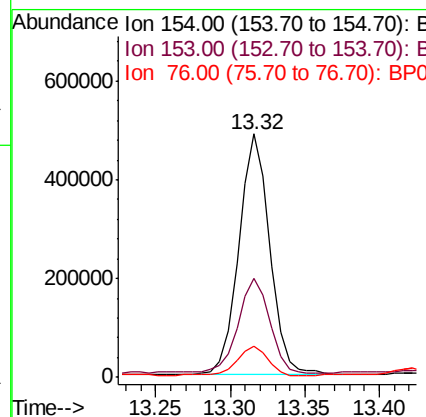
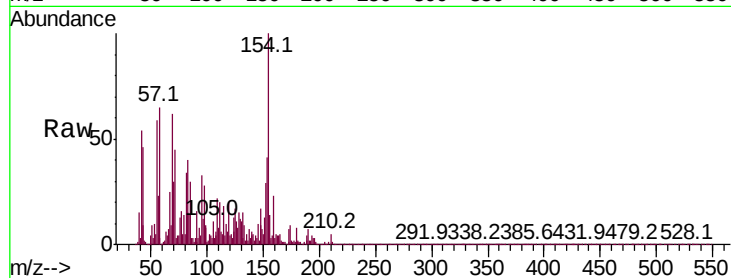
#41
 1,1'-Biphenyl
 Concen: 9.563 ng/ul
 RT: 13.32 min Scan# 1722
 Delta R.T. 0.01 min
 Lab File: BP004256.D
 Acq: 12 Dec 2020 13:27

Instrument :
 BNA_P
 ClientSampleId :
 C0AD6

Tot Ion:	154	Resp:	700107
Ion Ratio	Lower	Upper	
154	100		
153	40.8	32.2	48.2
76	12.9	11.0	16.6

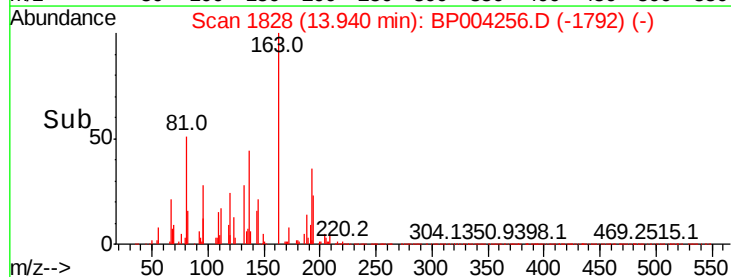
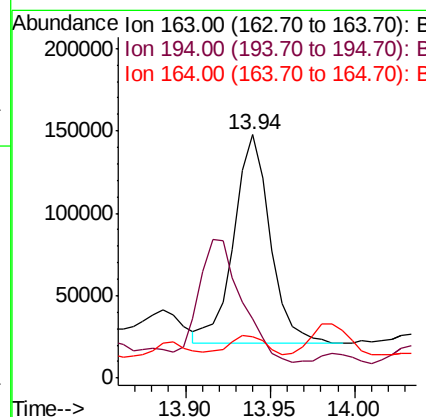
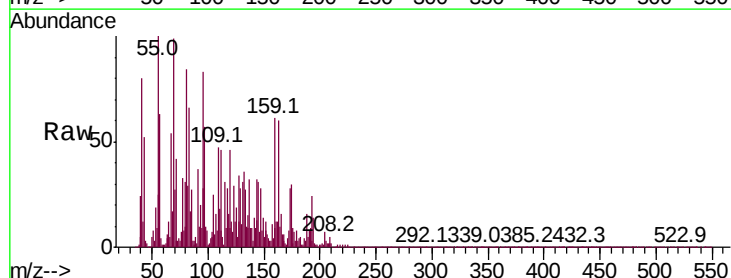
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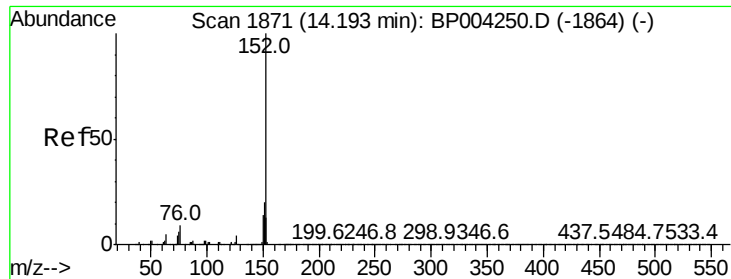
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#45
 Dimethylphthalate
 Concen: 2.809 ng/ul
 RT: 13.94 min Scan# 1828
 Delta R.T. 0.01 min
 Lab File: BP004256.D
 Acq: 12 Dec 2020 13:27

Tgt Ion:	163	Resp:	190906
Ion Ratio	Lower	Upper	
163	100		
194	24.2	3.4	5.2#
164	17.0	8.4	12.6#





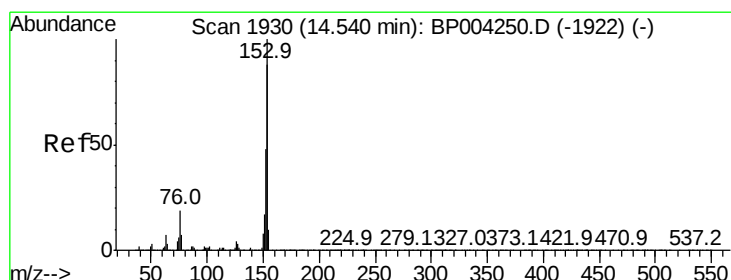
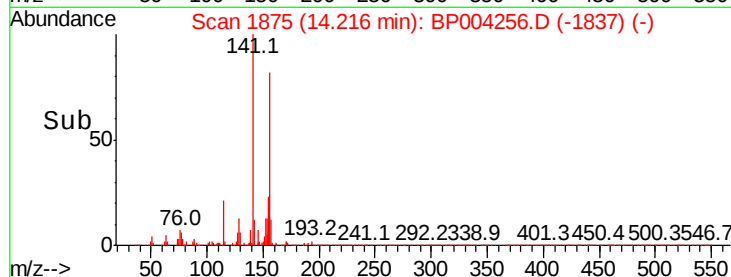
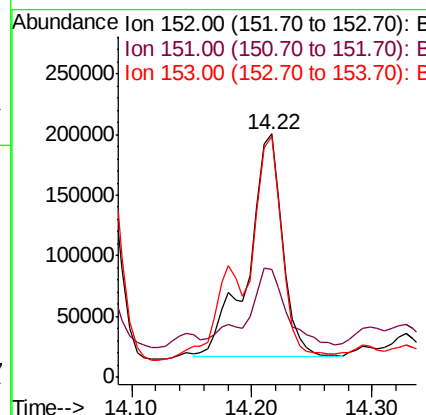
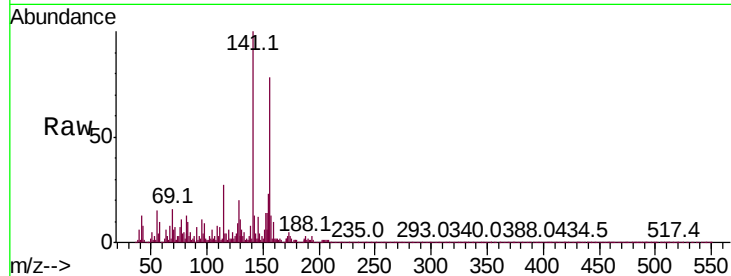
#48
Acenaphthylene
Concen: 4.262 ng/ul m
RT: 14.22 min Scan# 1875
Delta R.T. 0.02 min
Lab File: BP004256.D
Acq: 12 Dec 2020 13:27

Instrument :
BNA_P
ClientSampleId :
C0AD6

Tot Ion	Ratio	Resp	Lower	Upper
152	100	360213		
151	44.5	15.8	23.8#	
153	98.9	10.6	16.0#	

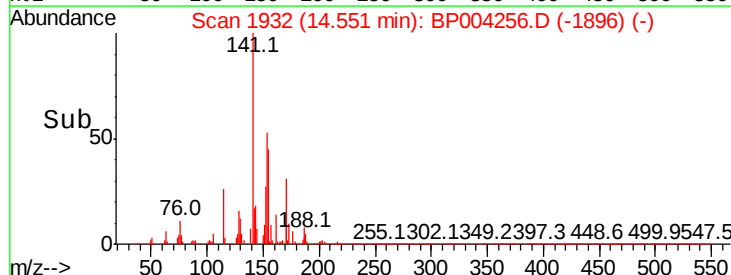
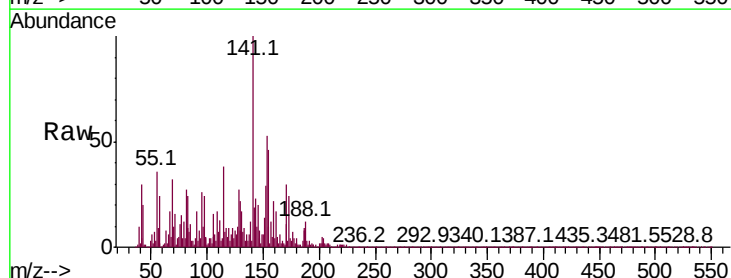
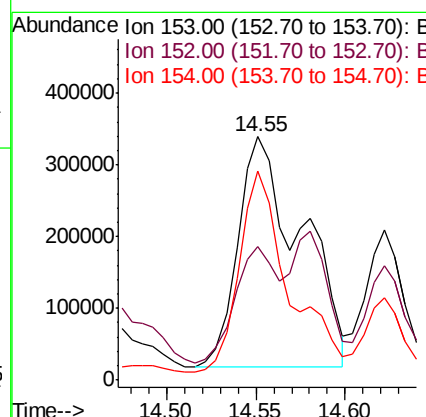
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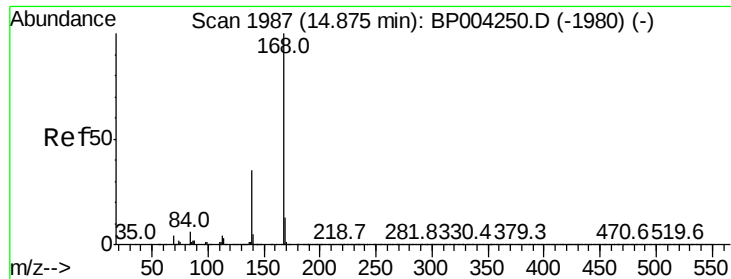
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#50
Acenaphthene
Concen: 13.191 ng/ul m
RT: 14.55 min Scan# 1932
Delta R.T. 0.01 min
Lab File: BP004256.D
Acq: 12 Dec 2020 13:27

Tgt Ion	Ratio	Resp	Lower	Upper
153	100	789321		
152	54.9	37.8	56.6	
154	85.9	69.8	104.8	





#54

Dibenzenofuran

Concen: 8.158 ng/ul m

RT: 14.89 min Scan# 1990

Delta R.T. 0.02 min

Lab File: BP004256.D

Acq: 12 Dec 2020 13:27

Instrument :

BNA_P

ClientSampleId :

C0AD6

Tot Ion:168 Resp: 687841

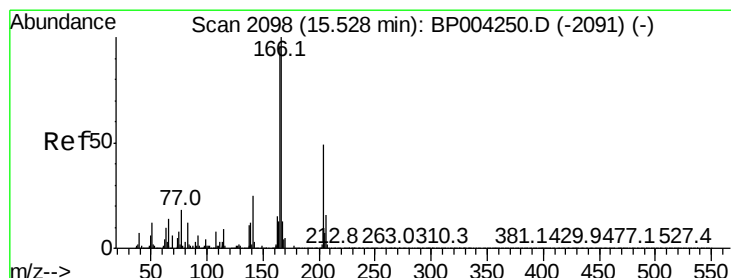
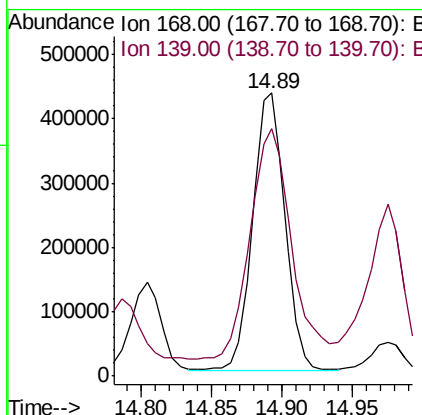
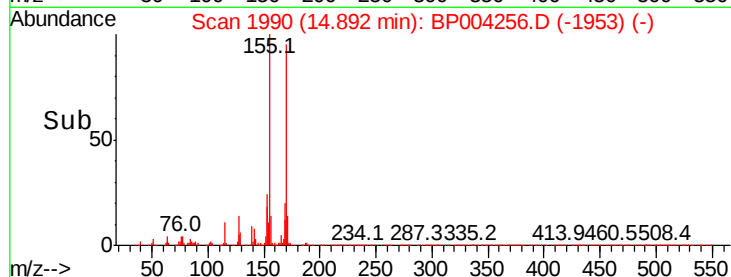
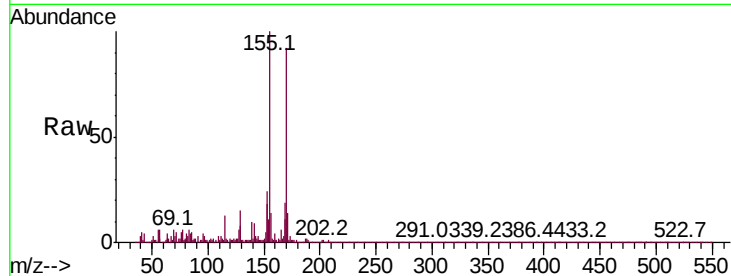
Ion Ratio Lower Upper

168 100

139 87.4 29.0 43.6#

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#59

Fluorene

Concen: 13.323 ng/ul

RT: 15.55 min Scan# 2101

Delta R.T. 0.02 min

Lab File: BP004256.D

Acq: 12 Dec 2020 13:27

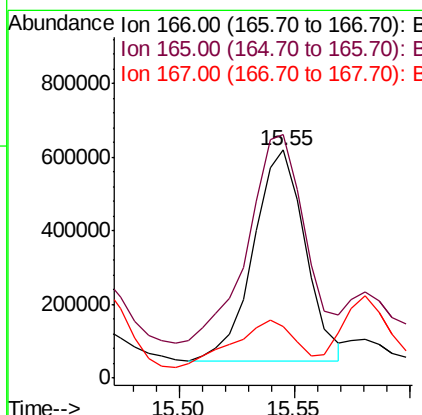
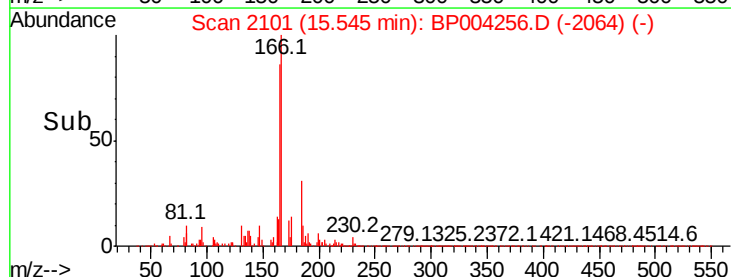
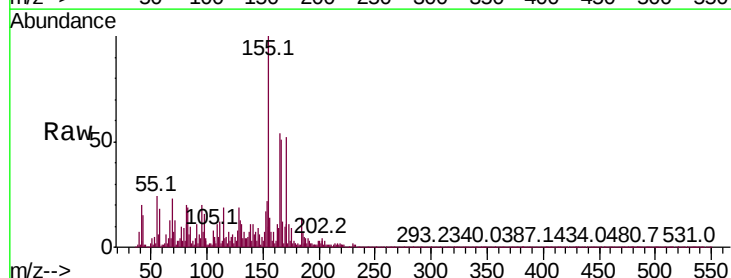
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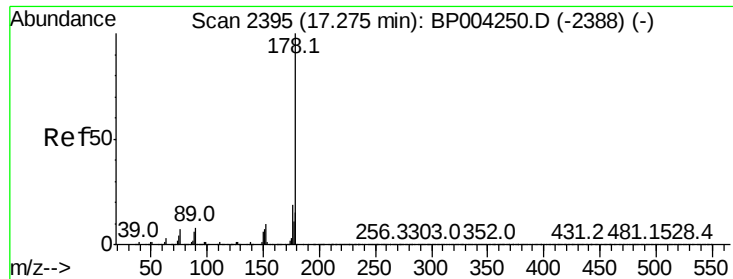
Ion Ratio Lower Upper

166 100

165 106.9 78.2 117.2

167 22.8 10.8 16.2#





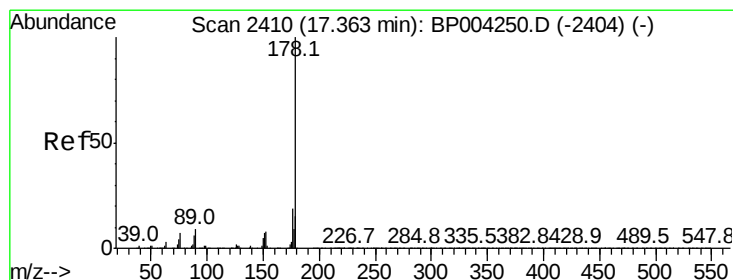
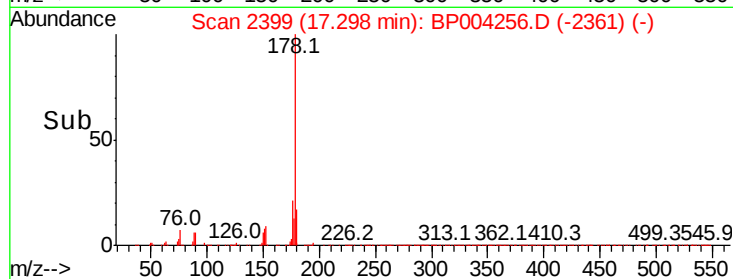
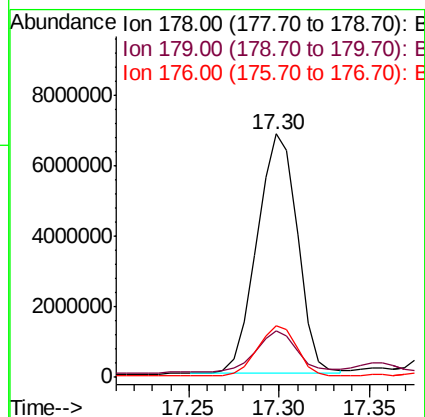
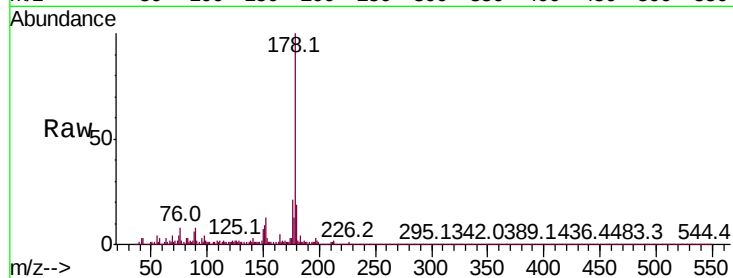
#70
Phenanthrene
Concen: 103.909 ng/ul
RT: 17.30 min Scan# 2399
Delta R.T. 0.02 min
Lab File: BP004256.D
Acq: 12 Dec 2020 13:27

Instrument :
BNA_P
ClientSampleId :
C0AD6

Tot Ion:178 Resp:10622710
Ion Ratio Lower Upper
178 100
179 18.9 12.4 18.6#
176 21.4 15.4 23.0

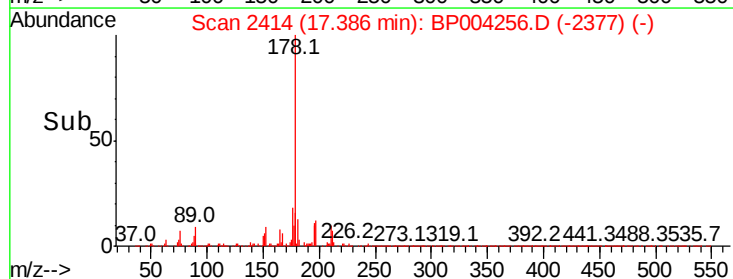
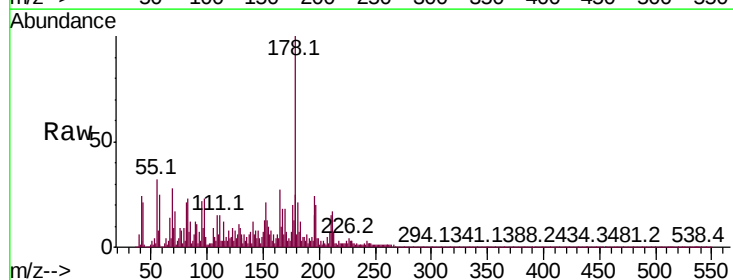
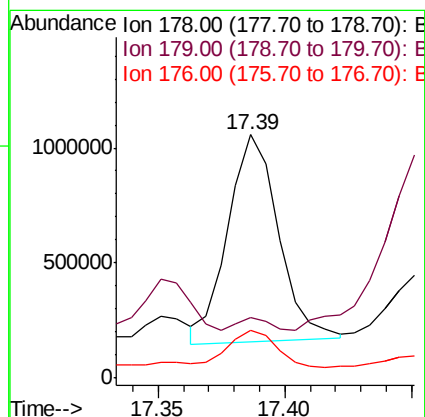
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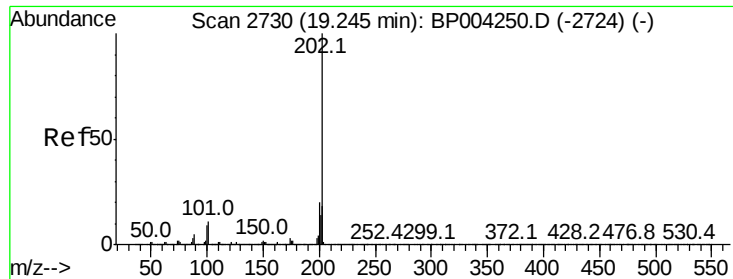
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#72
Anthracene
Concen: 12.377 ng/ul
RT: 17.39 min Scan# 2414
Delta R.T. 0.02 min
Lab File: BP004256.D
Acq: 12 Dec 2020 13:27

Tgt Ion:178 Resp: 1251866
Ion Ratio Lower Upper
178 100
179 24.8 12.3 18.5#
176 19.8 14.9 22.3





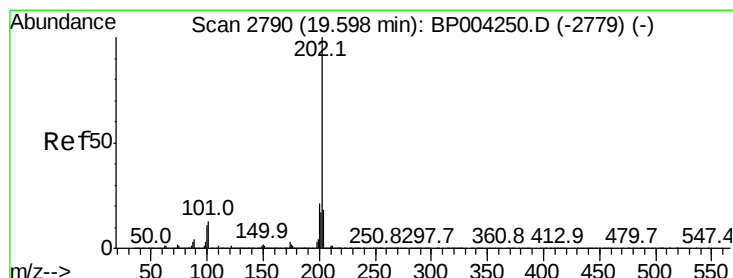
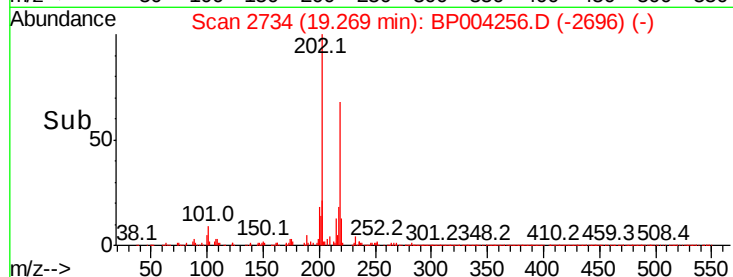
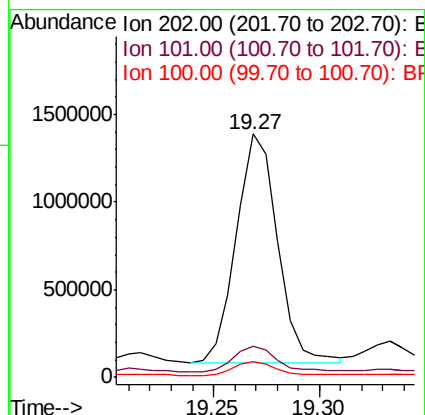
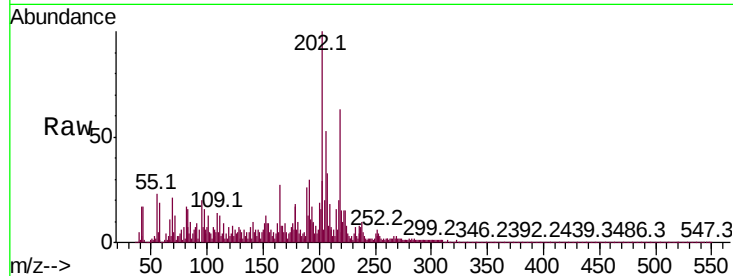
#77
Fluoranthene
Concen: 16.194 ng/ul
RT: 19.27 min Scan# 2734
Delta R.T. 0.02 min
Lab File: BP004256.D
Acq: 12 Dec 2020 13:27

Instrument :
BNA_P
ClientSampleId :
C0AD6

Tot Ion	Ratio	Resp	Lower	Upper
202	100	1767681		
101	12.7		9.1	13.7
100	6.6		7.1	10.7

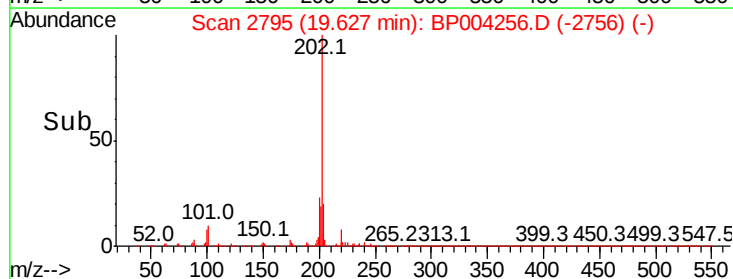
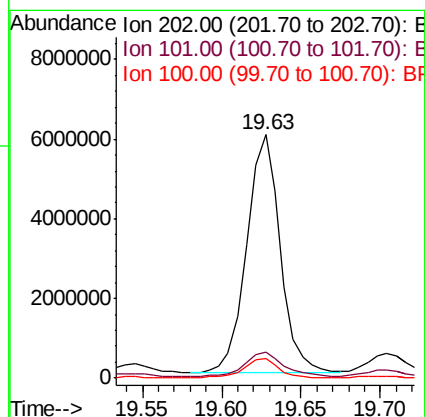
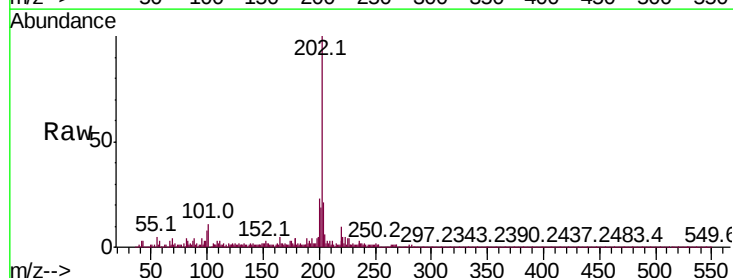
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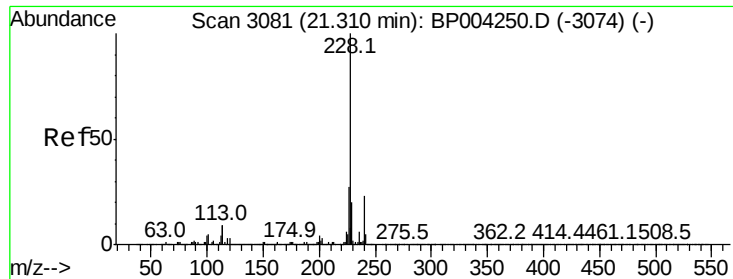
mohammad
12/14/2020 2:45:53 PM



#80
Pyrene
Concen: 75.954 ng/ul
RT: 19.63 min Scan# 2795
Delta R.T. 0.03 min
Lab File: BP004256.D
Acq: 12 Dec 2020 13:27

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	8770383		
101	10.6		10.6	15.8
100	8.1		8.6	12.8





#83

Benzo(a)anthracene

Concen: 9.296 ng/u1

RT: 21.34 min Scan# 3086

Delta R.T. 0.03 min

Lab File: BP004256.D

Acq: 12 Dec 2020 13:27

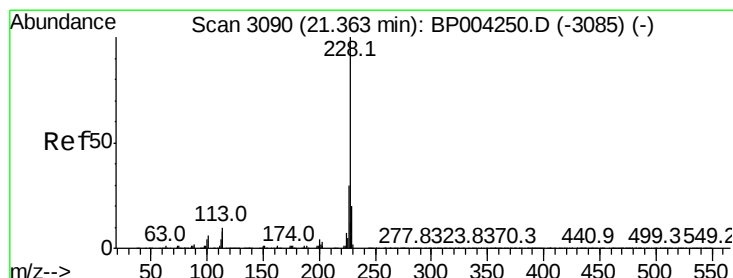
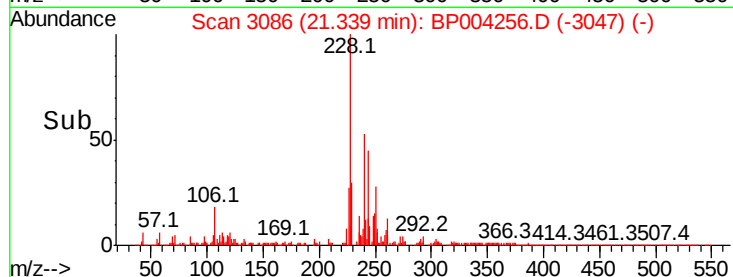
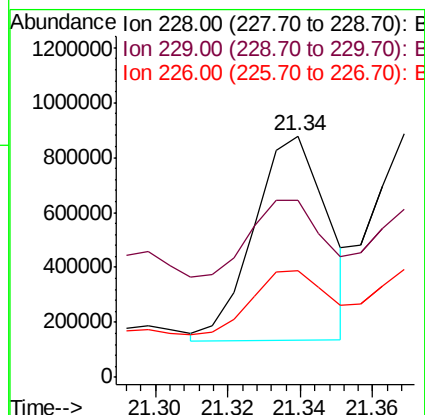
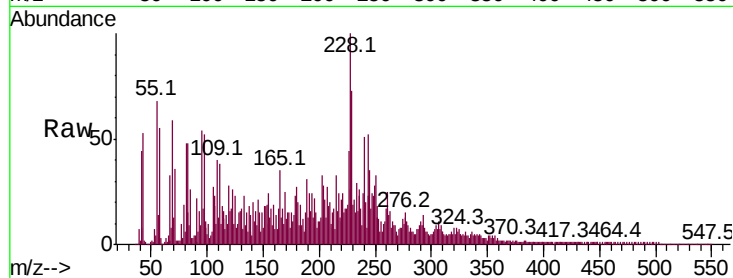
Instrument :
BNA_P
ClientSampleId :
C0AD6

Tot Ion:228 Resp: 1048912

Ion	Ratio	Lower	Upper
228	100		
229	73.3	15.8	23.8#
226	44.4	21.7	32.5#

Manual Integrations
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#85

Chrysene

Concen: 12.433 ng/u1 m

RT: 21.39 min Scan# 3095

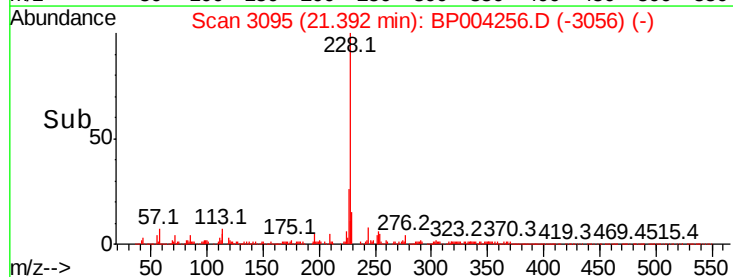
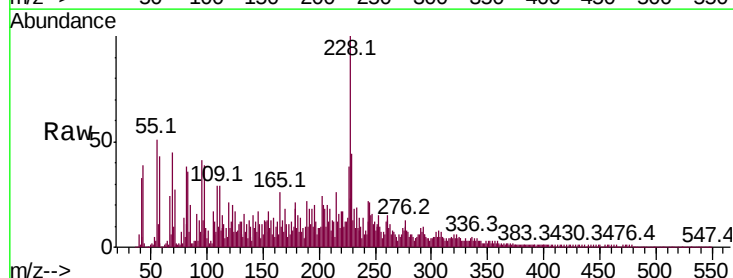
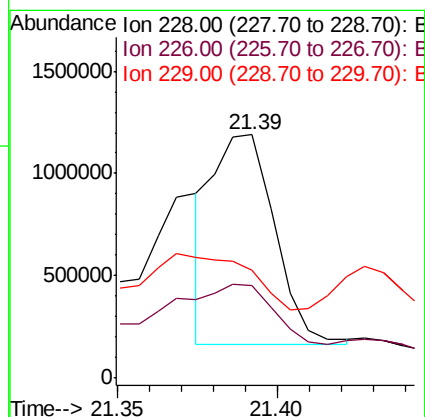
Delta R.T. 0.03 min

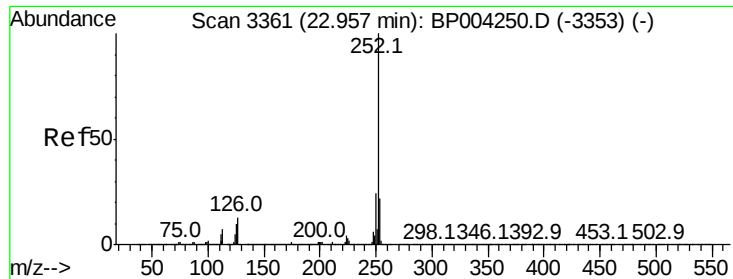
Lab File: BP004256.D

Acq: 12 Dec 2020 13:27

Tgt Ion:228 Resp: 1376292

Ion	Ratio	Lower	Upper
228	100		
226	38.0	24.2	36.2#
229	44.2	15.8	23.8#





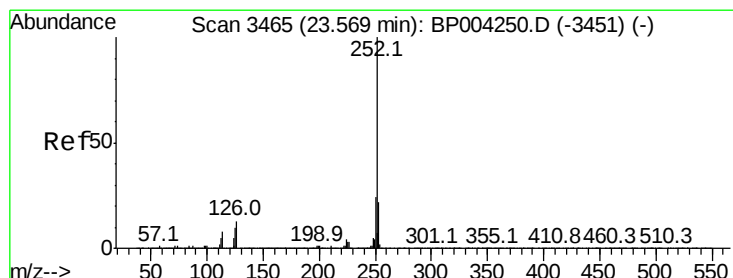
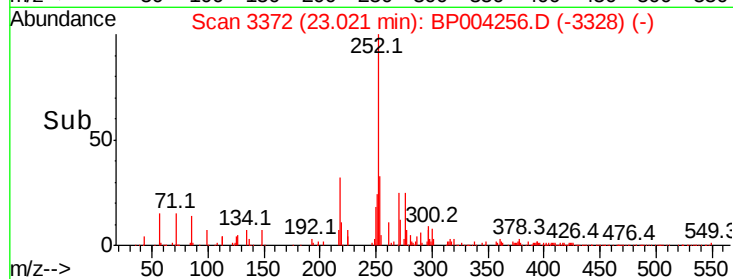
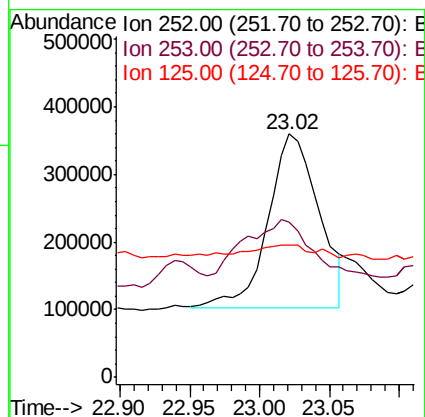
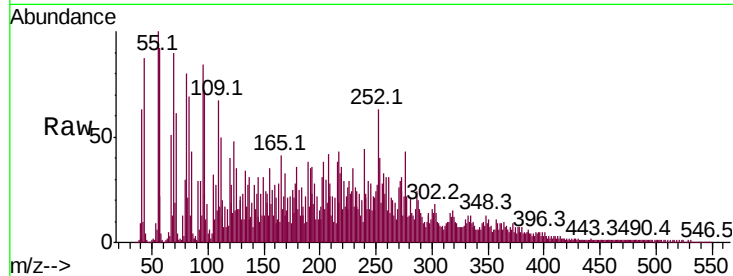
#88
Benzo(b)fluoranthene
Concen: 4.843 ng/ul
RT: 23.02 min Scan# 3372
Delta R.T. 0.06 min
Lab File: BP004256.D
Acq: 12 Dec 2020 13:27

Instrument :
BNA_P
ClientSampleId :
C0AD6

Tot Ion	Ratio	Lower	Upper
252	100		
253	63.8	17.6	26.4#
125	54.5	7.7	11.5#

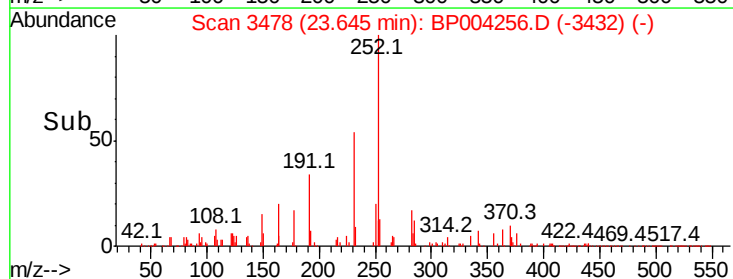
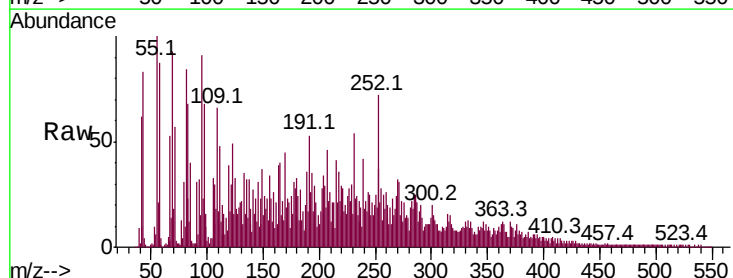
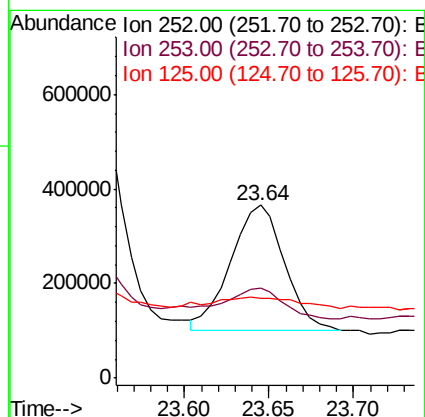
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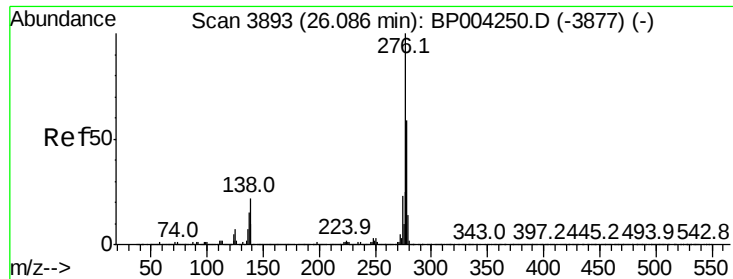
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#91
Benzo(a)pyrene
Concen: 4.645 ng/ul
RT: 23.64 min Scan# 3478
Delta R.T. 0.07 min
Lab File: BP004256.D
Acq: 12 Dec 2020 13:27

Tgt Ion	Ratio	Lower	Upper
252	100		
253	52.0	17.3	25.9#
125	46.3	7.8	11.6#





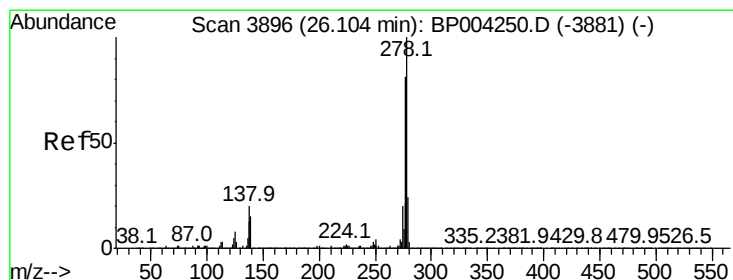
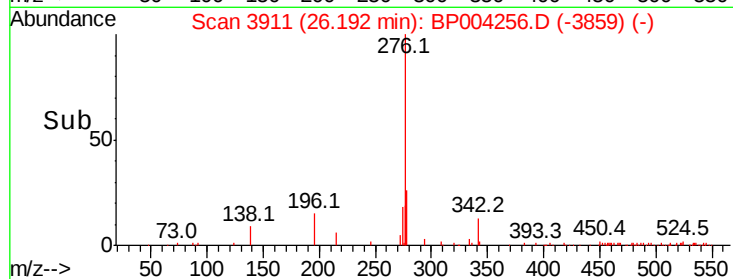
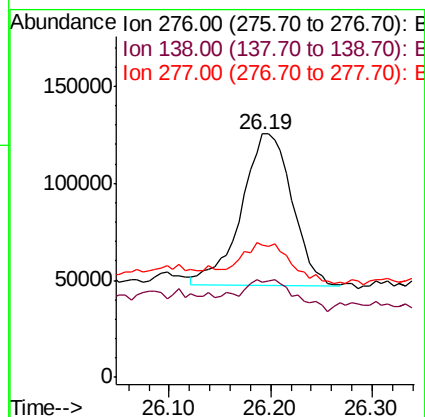
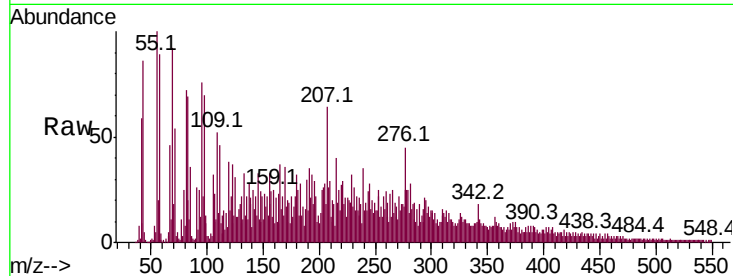
#92
 Indeno(1,2,3-cd)pyrene
 Concen: 1.741 ng/ul
 RT: 26.19 min Scan# 3911
 Delta R.T. 0.11 min
 Lab File: BP004256.D
 Acq: 12 Dec 2020 13:27

Instrument :
 BNA_P
 ClientSampleId :
 C0AD6

Tot Ion	Ratio	Resp	Lower	Upper
276	100	273802		
138	39.1	17.8	26.6#	
277	54.4	19.8	29.6#	

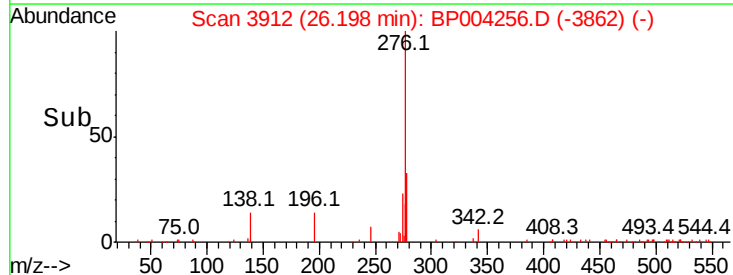
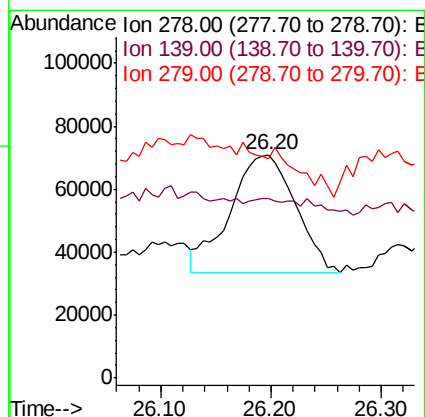
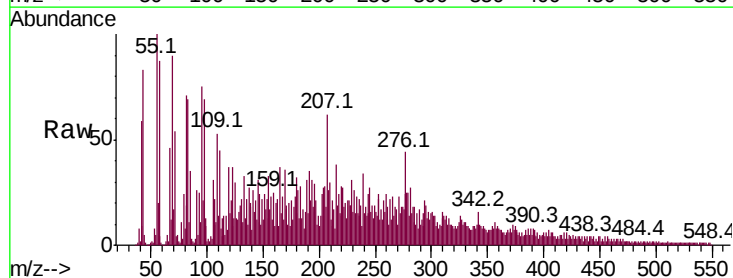
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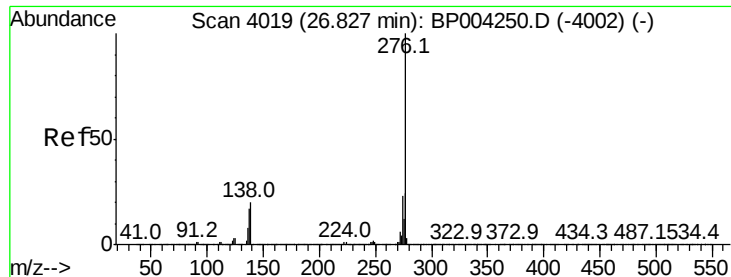
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#93
 Dibenzo(a,h)anthracene
 Concen: 1.165 ng/ul
 RT: 26.20 min Scan# 3912
 Delta R.T. 0.09 min
 Lab File: BP004256.D
 Acq: 12 Dec 2020 13:27

Tgt Ion	Ratio	Resp	Lower	Upper
278	100	153497		
139	80.3	11.9	17.9#	
279	98.2	18.6	28.0#	





#94

Benzo(a,h,i)perylene

Concen: 3.385 ng/ul

RT: 26.95 min Scan# 4040

Delta R.T. 0.12 min

Lab File: BP004256.D

Acq: 12 Dec 2020 13:27

Instrument :

BNA_P

ClientSampleId :

C0AD6

Tot Ion:	276	Resp:	446601
Ion Ratio	Lower	Upper	
276	100		
138	31.4	16.6	25.0#
277	45.9	18.5	27.7#

Manual Integrations
APPROVED

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