

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP121420\
 Data File : BP004304.D
 Acq On : 15 Dec 2020 15:03
 Operator : CG/JU
 Sample : L5001-17
 Misc :
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 A54D5

Manual Integrations
 APPROVED

mohammad
 12/17/2020 9:52:45 AM

Quant Time: Dec 15 16:04:21 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP121020MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Dec 15 09:00:06 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.84	152	295302	20.00	ng/ul	0.00
18) Naphthalene-d8	10.63	136	1251395	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.49	164	773280	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.25	188	1624774	20.00	ng/ul	0.00
78) Chrysene-d12	21.34	240	1492995	20.00	ng/ul	0.00
86) Perylene-d12	23.72	264	1684983	20.00	ng/ul	0.02

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.33	96	17068	2.03	ng/uL	0.00
5) Phenol-d5	7.00	99	456473	18.69	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.17	67	234785	15.39	ng/ul	0.00
9) 2-Chlorophenol-d4	7.37	132	358908	19.36	ng/ul	0.00
13) 4-Methylphenol-d8	8.54	113	358934	19.45	ng/ul	0.00
19) Nitrobenzene-d5	8.99	128	179116	17.48	ng/ul	0.00
22) 2-Nitrophenol-d4	9.72	143	182666	21.61	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.25	165	371134	19.97	ng/ul	0.00
29) 4-Chloroaniline-d4	10.77	131	300292	13.03	ng/ul	0.00
44) Dimethylphthalate-d6	13.89	166	1092212	18.48	ng/ul	0.00
47) Acenaphthylene-d8	14.17	160	1437039	19.05	ng/ul	0.00
52) 4-Nitrophenol-d4	14.68	143	105175	10.54	ng/ul	0.00
58) Fluorene-d10	15.48	176	965374	18.04	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.61	200	16176	2.08	ng/ul	0.00
71) Anthracene-d10	17.35	188	1478750	18.67	ng/ul	0.00
79) Pyrene-d10	19.59	212	1591338	20.46	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.56	264	1694369	19.09	ng/ul	0.02

Target Compounds

					Ovalue
6) Phenol	7.03	94	67494	2.646	ng/ul 97
45) Dimethylphthalate	13.93	163	226354	3.760	ng/ul 100
70) Phenanthrene	17.29	178	2188539	22.832	ng/ul 100
72) Anthracene	17.38	178	273047	2.879	ng/ul 98
75) Carbazole	17.65	167	398942	5.169	ng/ul 99
77) Fluoranthene	19.26	202	6468723	63.201	ng/ul 98
80) Pyrene	19.62	202	5223562	51.867	ng/ul 98
83) Benzo(a)anthracene	21.33	228	2445029	24.845	ng/ul 96
85) Chrysene	21.38	228	3236515	33.524	ng/ul 97
88) Benzo(b)fluoranthene	23.00	252	4925532	46.095	ng/ul 95
89) Benzo(k)fluoranthene	23.04	252	1241656m	11.314	ng/ul
91) Benzo(a)pyrene	23.62	252	2818158	28.262	ng/ul 96
92) Indeno(1,2,3-cd)pyrene	26.16	276	2503330	20.019	ng/ul# 94
93) Dibenzo(a,h)anthracene	26.17	278	568492	5.424	ng/ul# 83
94) Benzo(g,h,i)perylene	26.92	276	2007385	19.134	ng/ul 94

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

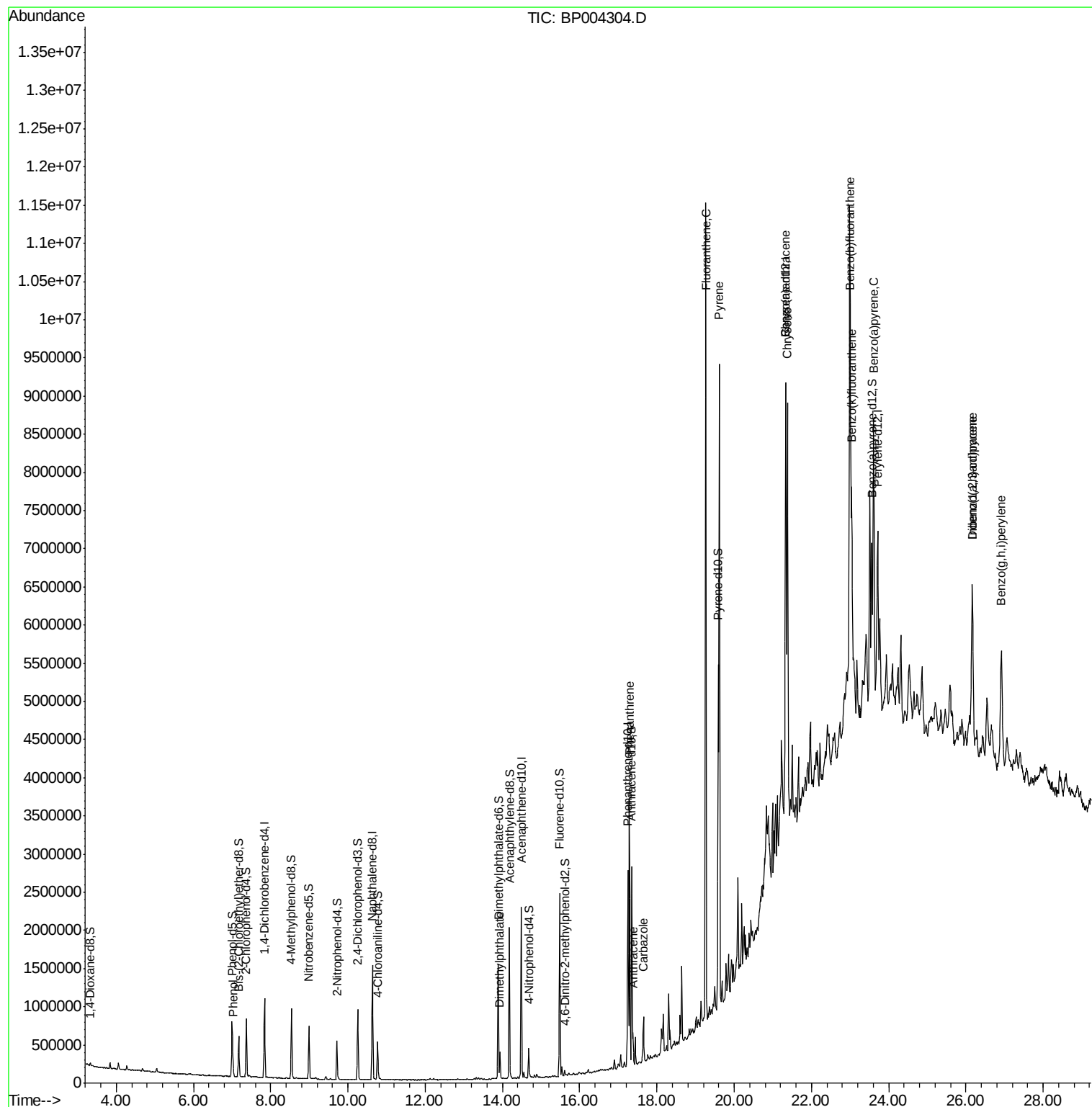
Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP121420\
Data File : BP004304.D
Acq On : 15 Dec 2020 15:03
Operator : CG/JU
Sample : L5001-17
Misc :
ALS Vial : 39 Sample Multiplier: 1

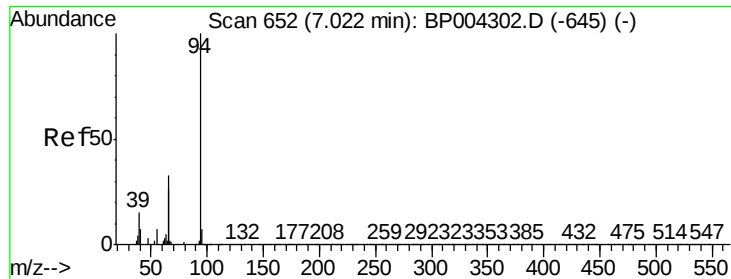
Instrument :
BNA_P
ClientSampleId :
A54D5

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Quant Time: Dec 15 16:04:21 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP121020MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Dec 15 09:00:06 2020
Response via : Initial Calibration





#6

Phenol

Concen: 2.646 ng/ul

RT: 7.03 min Scan# 653

Delta R.T. 0.00 min

Lab File: BP004304.D

Acq: 15 Dec 2020 15:03

Instrument :

BNA_P

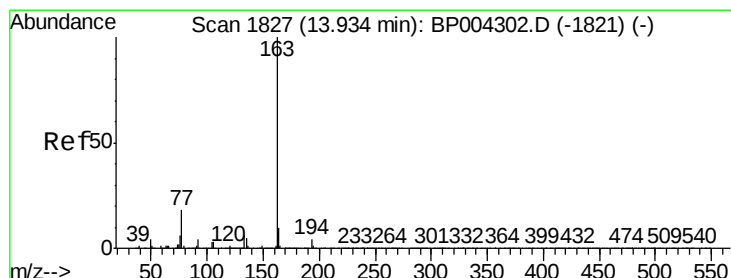
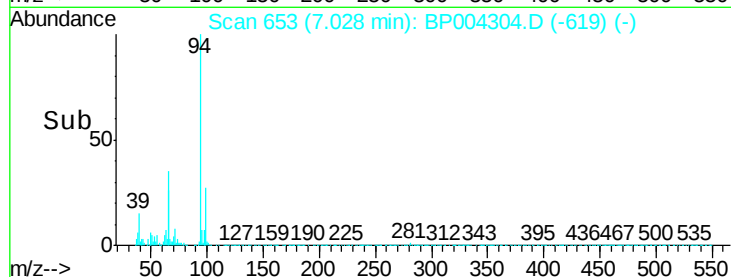
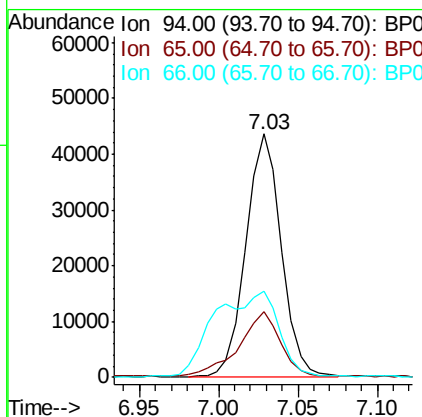
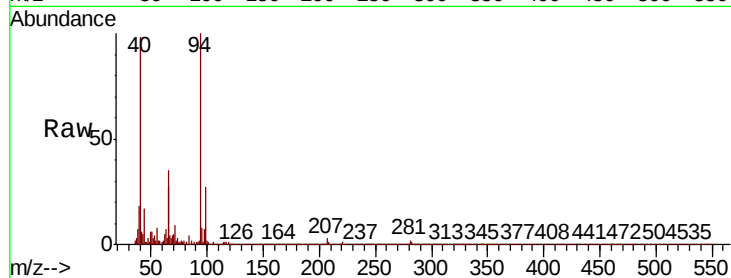
ClientSampleId :

A54D5

Tot Ion:	94	Resp:	67494
Ion Ratio	Lower	Upper	
94	100		
65	26.9	20.8	31.2
66	35.3	26.5	39.7

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#45

Dimethylphthalate

Concen: 3.760 ng/ul

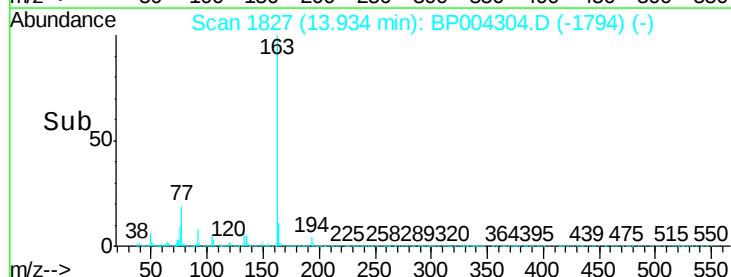
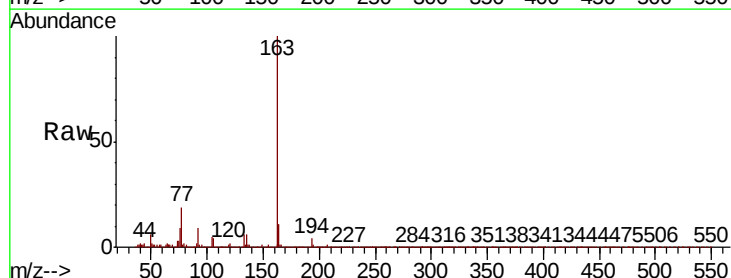
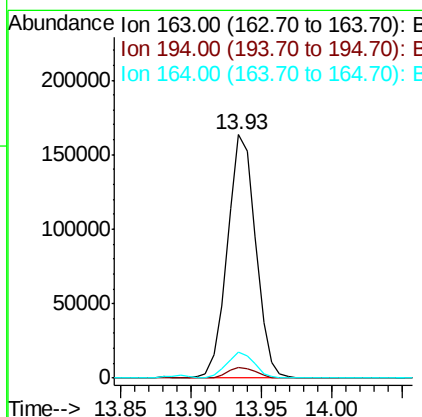
RT: 13.93 min Scan# 1827

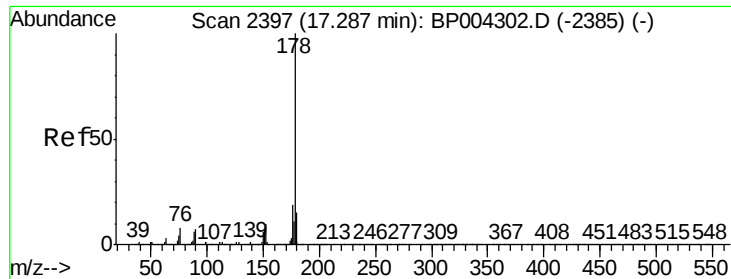
Delta R.T. -0.01 min

Lab File: BP004304.D

Acq: 15 Dec 2020 15:03

Tgt Ion:	163	Resp:	226354
Ion Ratio	Lower	Upper	
163	100		
194	4.2	3.4	5.2
164	10.7	8.4	12.6





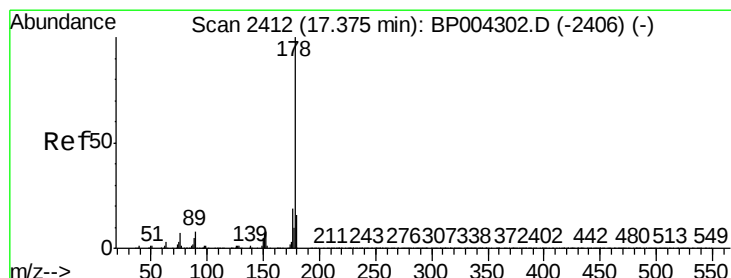
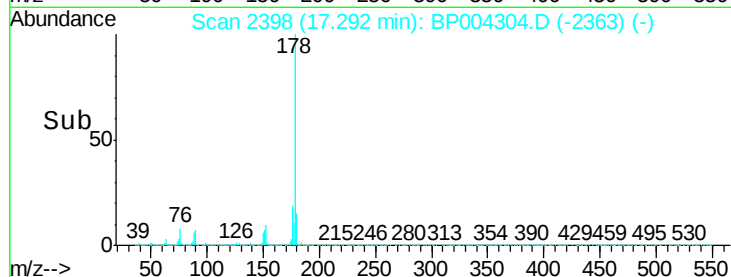
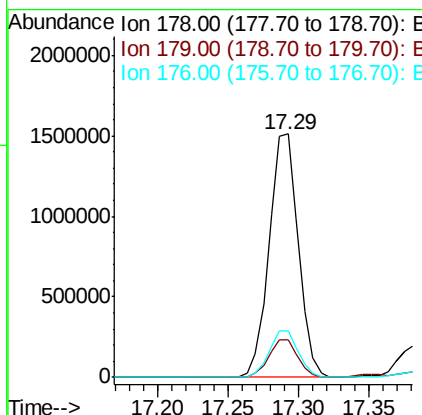
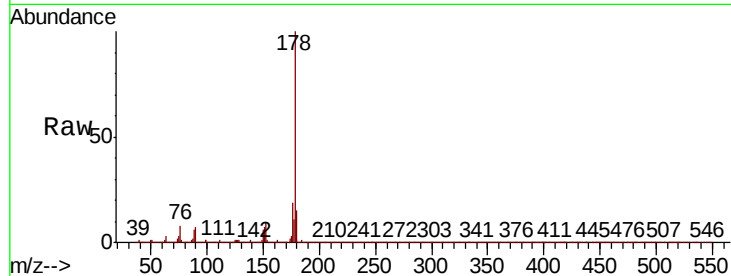
#70
Phenanthrene
Concen: 22.832 ng/ul
RT: 17.29 min Scan# 2398
Delta R.T. 0.01 min
Lab File: BP004304.D
Acq: 15 Dec 2020 15:03

Instrument :
BNA_P
ClientSampleId :
A54D5

Tot Ion	Ratio	Lower	Upper
178	100		
179	15.2	12.4	18.6
176	19.3	15.4	23.0

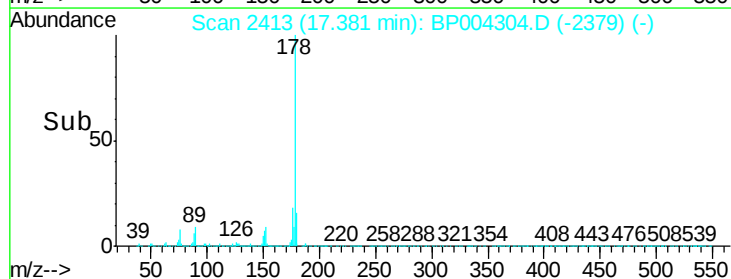
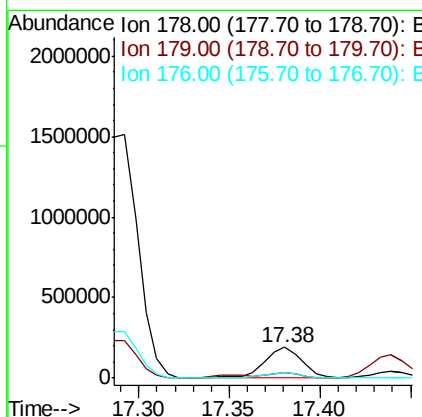
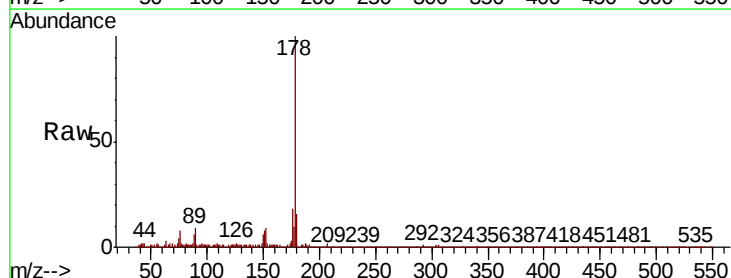
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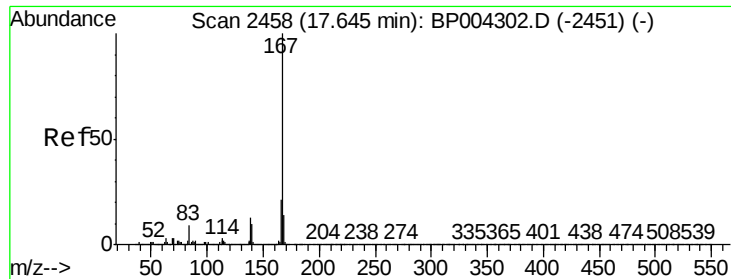
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#72
Anthracene
Concen: 2.879 ng/ul
RT: 17.38 min Scan# 2413
Delta R.T. 0.00 min
Lab File: BP004304.D
Acq: 15 Dec 2020 15:03

Tgt Ion	Ratio	Lower	Upper
178	100		
179	16.3	12.3	18.5
176	18.1	14.9	22.3





#75

Carbazole

Concen: 5.169 ng/ul

RT: 17.65 min Scan# 2459

Delta R.T. 0.01 min

Lab File: BP004304.D

Acq: 15 Dec 2020 15:03

Instrument :

BNA_P

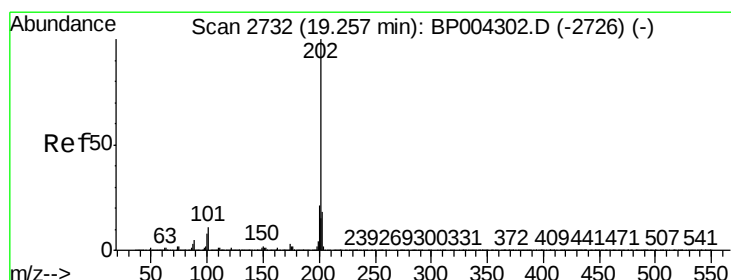
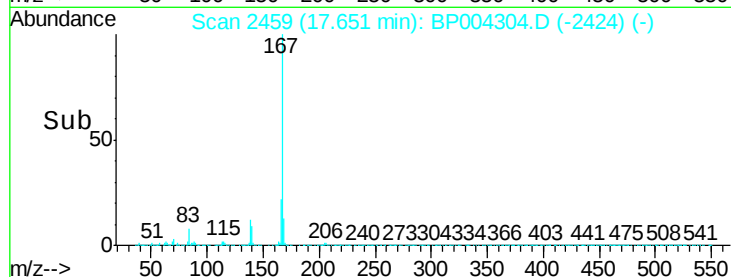
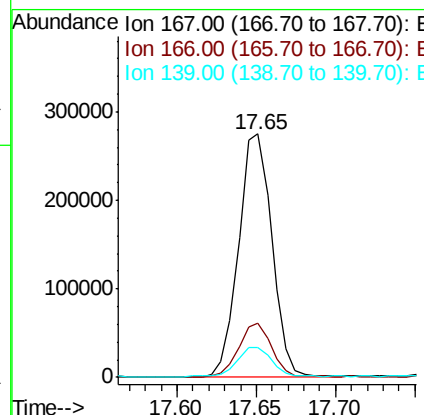
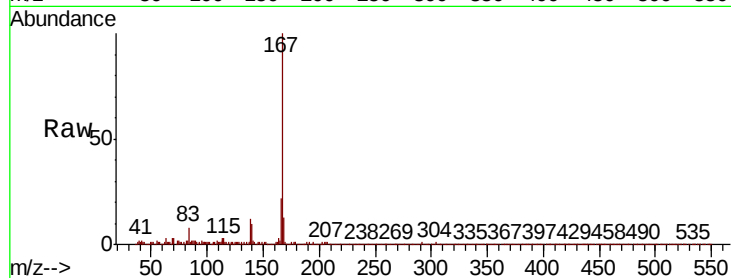
ClientSampleId :

A54D5

Tot Ion:	167	Resp:	398942
Ion Ratio	Lower	Upper	
167	100		
166	22.3	17.1	25.7
139	12.1	9.8	14.6

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#77

Fluoranthene

Concen: 63.201 ng/ul

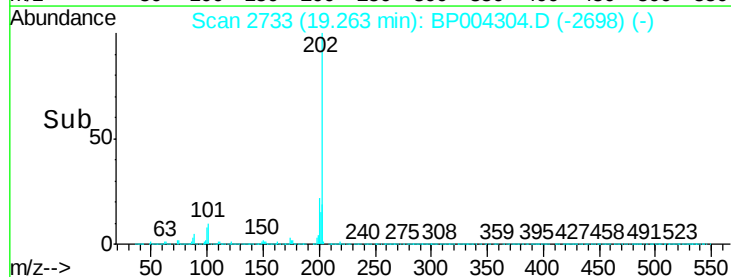
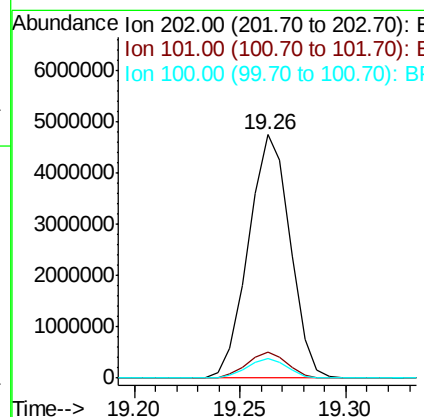
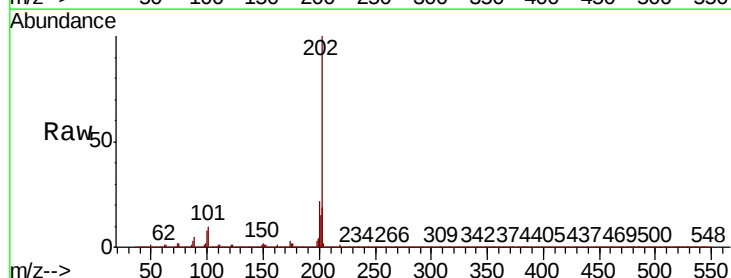
RT: 19.26 min Scan# 2733

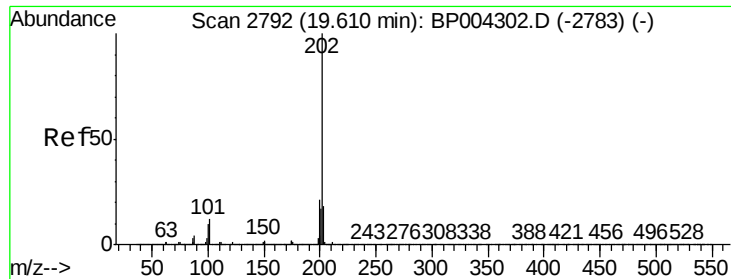
Delta R.T. 0.01 min

Lab File: BP004304.D

Acq: 15 Dec 2020 15:03

Tgt Ion:	202	Resp:	6468723
Ion Ratio	Lower	Upper	
202	100		
101	10.5	9.1	13.7
100	8.0	7.1	10.7





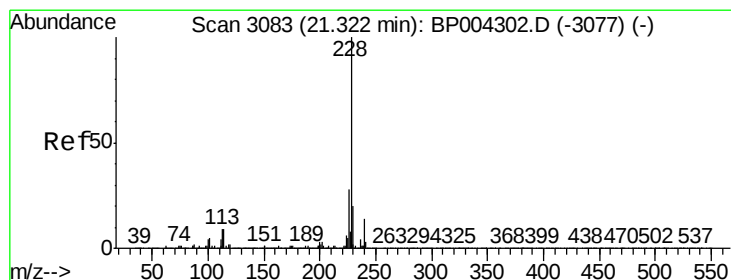
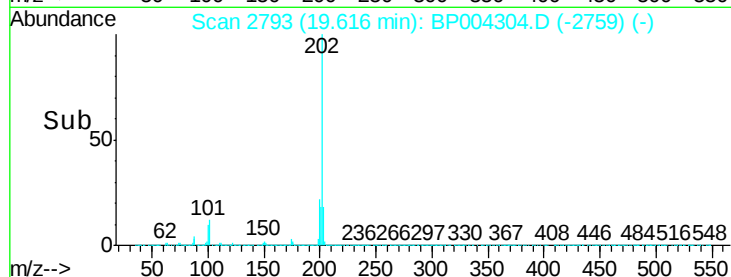
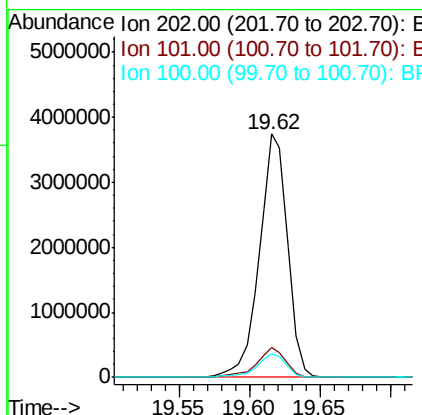
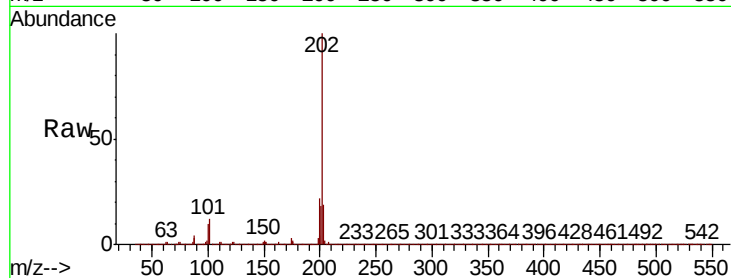
#80
Pvrene
Concen: 51.867 ng/ul
RT: 19.62 min Scan# 2793
Delta R.T. 0.00 min
Lab File: BP004304.D
Acq: 15 Dec 2020 15:03

Instrument :
BNA_P
ClientSampleId :
A54D5

Tot Ion	Ratio	Lower	Upper
202	100		
101	12.2	10.6	15.8
100	9.9	8.6	12.8

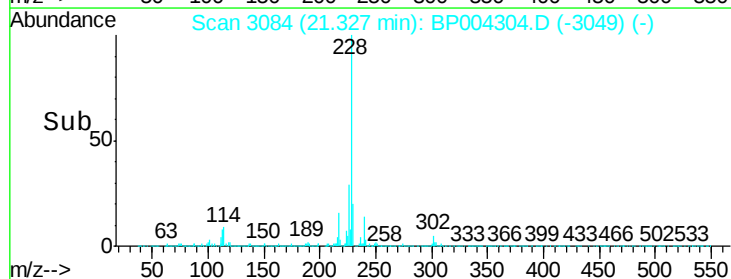
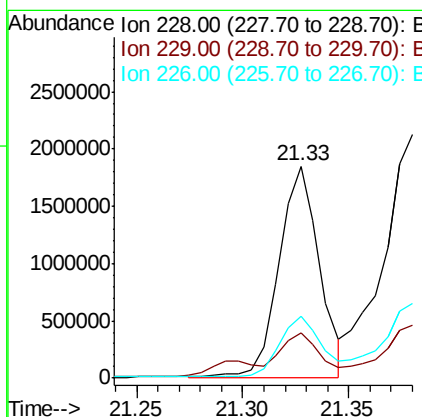
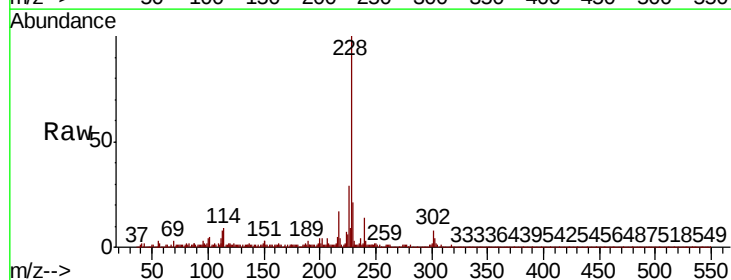
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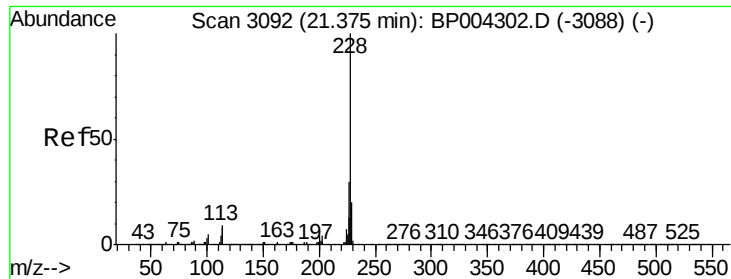
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#83
Benzo(a)anthracene
Concen: 24.845 ng/ul
RT: 21.33 min Scan# 3084
Delta R.T. 0.01 min
Lab File: BP004304.D
Acq: 15 Dec 2020 15:03

Tgt Ion	Ratio	Lower	Upper
228	100		
229	21.4	15.8	23.8
226	29.0	21.7	32.5





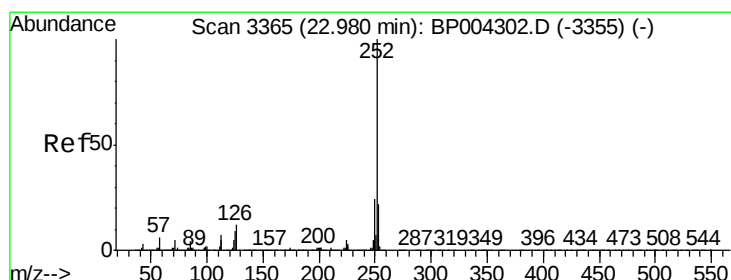
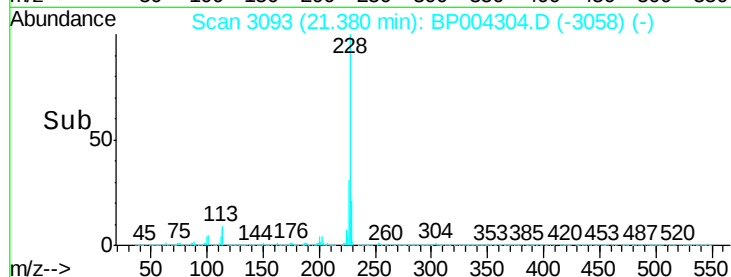
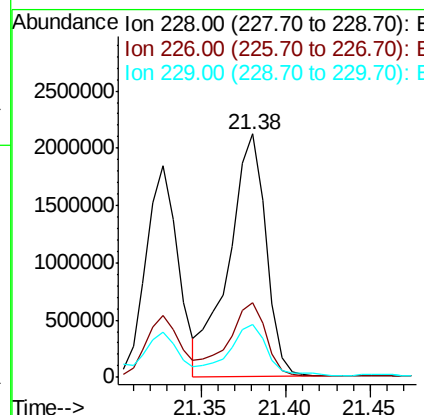
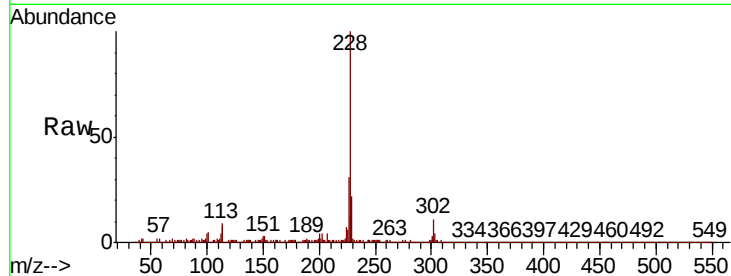
#85
Chrysene
Concen: 33.524 ng/u1
RT: 21.38 min Scan# 3093
Delta R.T. 0.01 min
Lab File: BP004304.D
Acq: 15 Dec 2020 15:03

Instrument :
BNA_P
ClientSampled :
A54D5

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.9	24.2	36.2
229	22.0	15.8	23.8

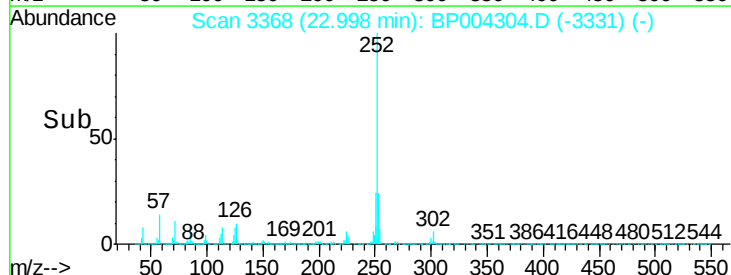
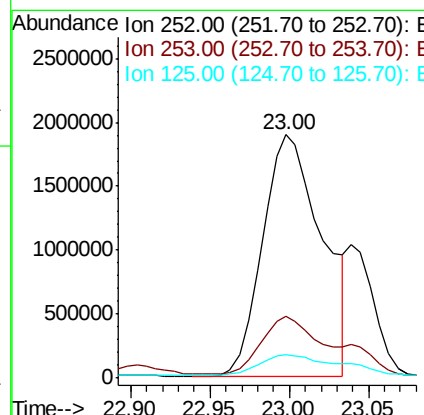
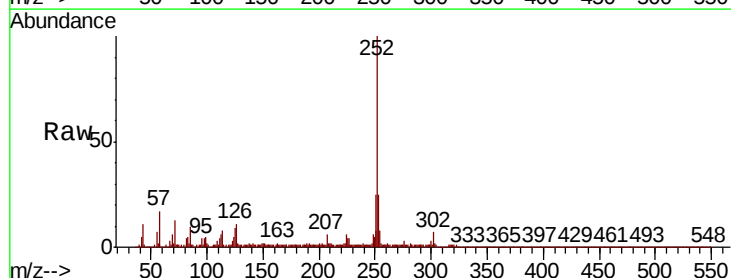
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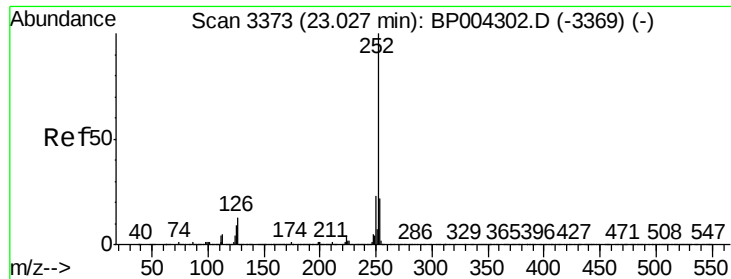
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#88
Benzo(b)fluoranthene
Concen: 46.095 ng/u1
RT: 23.00 min Scan# 3368
Delta R.T. 0.02 min
Lab File: BP004304.D
Acq: 15 Dec 2020 15:03

Tgt Ion	Ratio	Lower	Upper
252	100		
253	25.3	17.6	26.4
125	9.5	7.7	11.5





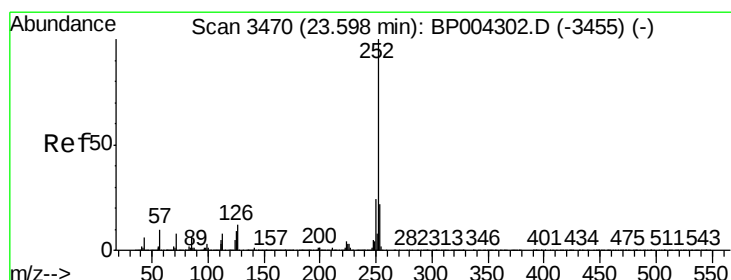
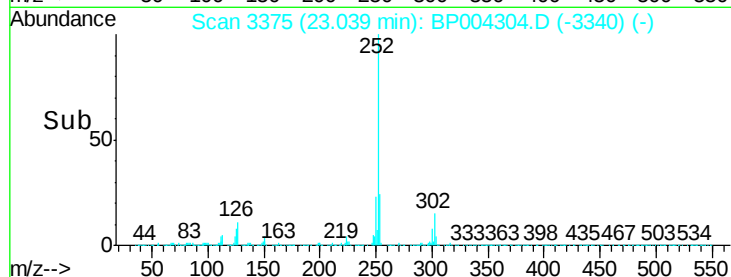
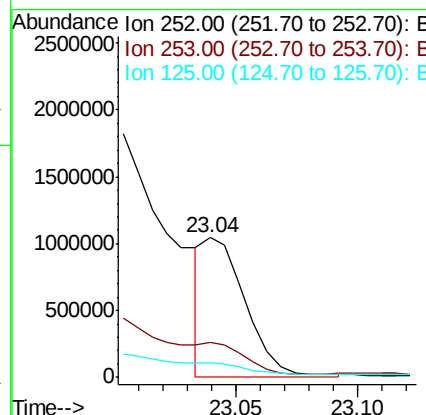
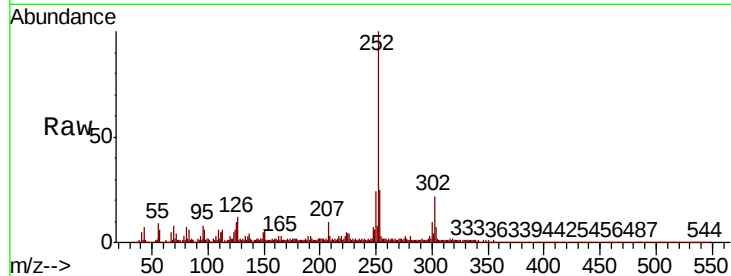
#89
Benzo(k)fluoranthene
Concen: 11.314 ng/ul m
RT: 23.04 min Scan# 3375
Delta R.T. 0.01 min
Lab File: BP004304.D
Acq: 15 Dec 2020 15:03

Instrument :
BNA_P
ClientSampled :
A54D5

Tot Ion	Ratio	Lower	Upper
252	100		
253	25.0	17.4	26.2
125	10.5	7.3	10.9

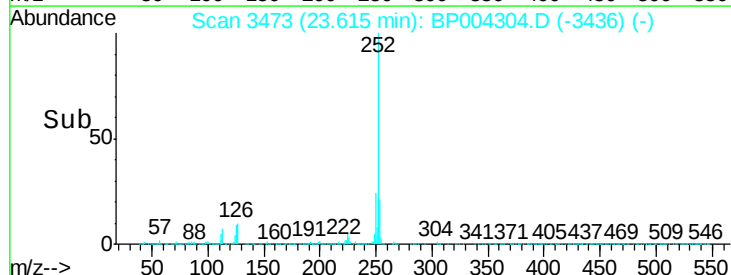
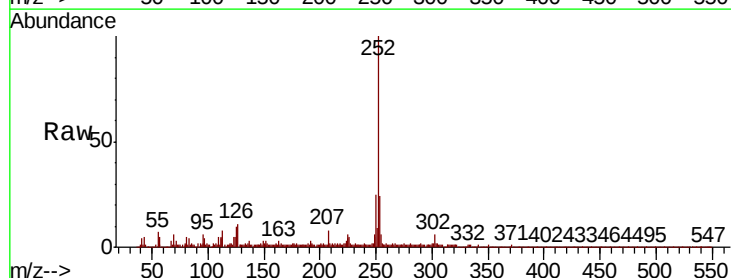
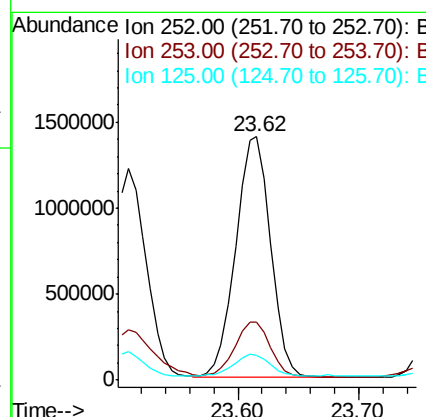
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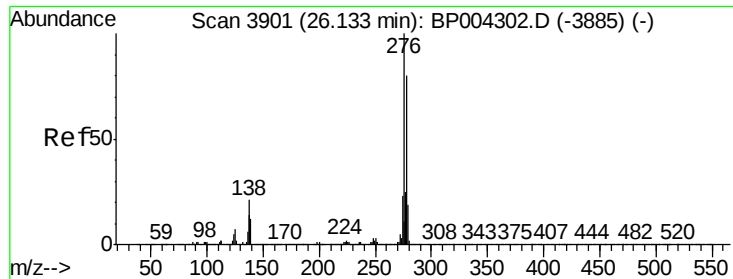
mohammad
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#91
Benzo(a)pyrene
Concen: 28.262 ng/ul
RT: 23.62 min Scan# 3473
Delta R.T. 0.02 min
Lab File: BP004304.D
Acq: 15 Dec 2020 15:03

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.8	17.3	25.9
125	10.2	7.8	11.6





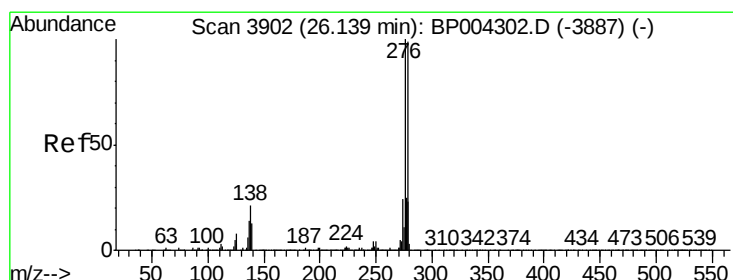
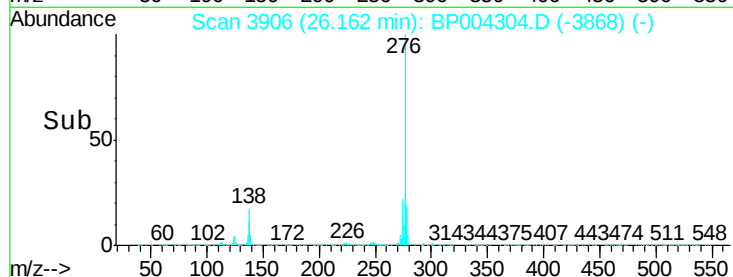
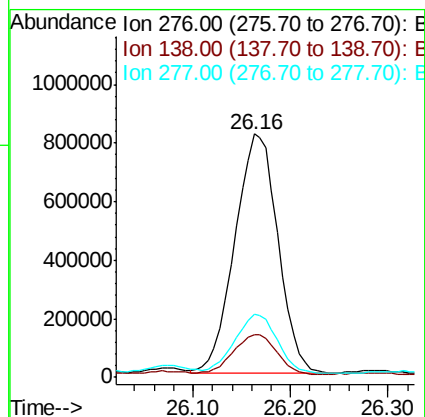
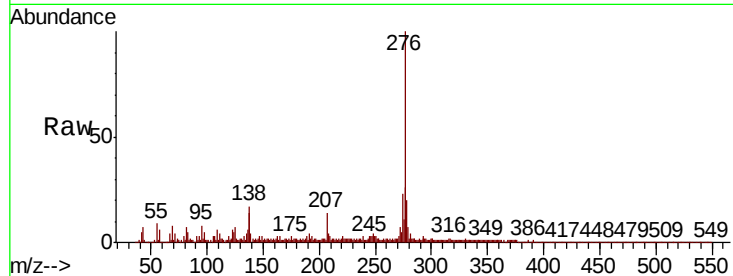
#92
Indeno(1,2,3-cd)pyrene
Concen: 20.019 ng/ul
RT: 26.16 min Scan# 3906
Delta R.T. 0.02 min
Lab File: BP004304.D
Acq: 15 Dec 2020 15:03

Instrument :
BNA_P
ClientSampleId :
A54D5

Tot Ion	Ratio	Lower	Upper
276	100		
138	17.4	17.8	26.6#
277	25.8	19.8	29.6

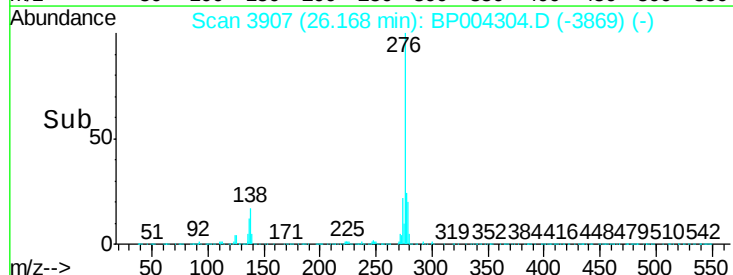
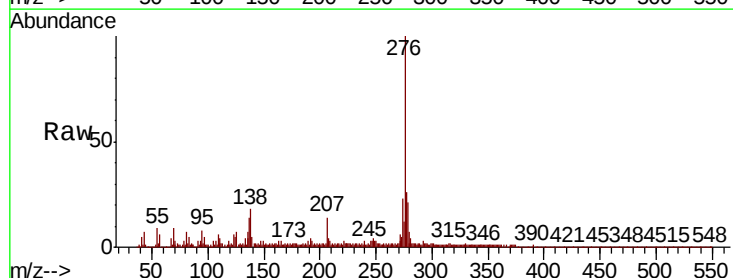
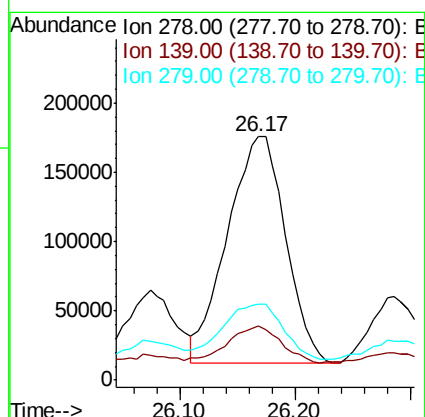
Manual Integrations
APPROVED

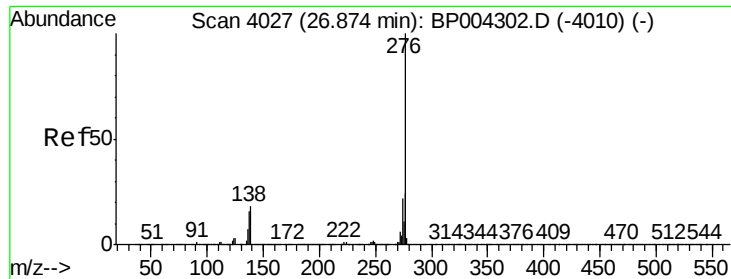
mohammad
12/17/2020 9:52:45 AM



#93
Dibenzo(a,h)anthracene
Concen: 5.424 ng/ul
RT: 26.17 min Scan# 3907
Delta R.T. 0.02 min
Lab File: BP004304.D
Acq: 15 Dec 2020 15:03

Tgt Ion	Ratio	Lower	Upper
278	100		
139	22.3	11.9	17.9#
279	31.3	18.6	28.0#





#94

Benzo(a,h,i)perylene

Concen: 19.134 ng/ul

RT: 26.92 min Scan# 4035

Delta R.T. 0.04 min

Lab File: BP004304.D

Acq: 15 Dec 2020 15:03

Instrument :

BNA_P

ClientSampleId :

A54D5

Tot Ion: 276 Resp: 2007385

Ion Ratio Lower Upper

276 100

138 18.0 16.6 25.0

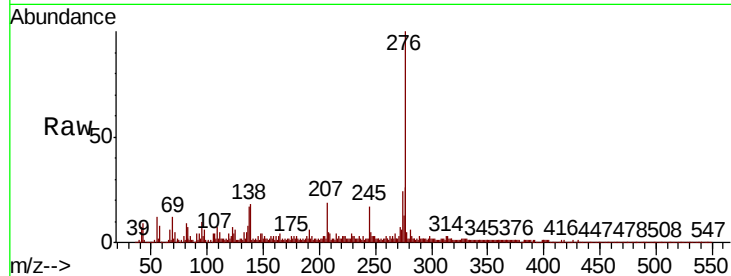
277 25.6 18.5 27.7

Manual Integrations

APPROVED

mohammad

12/17/2020 9:52:45 AM



Abundance Ion 276.00 (275.70 to 276.70): E

800000 Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

