

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP101619\
 Data File : BP000787.D
 Acq On : 15 Oct 2019 23:49
 Operator : JU
 Sample : K5178-12
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 BEPD3

Manual Integrations
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mohammad
 10/17/2019 7:59:33 AM

Quant Time: Oct 16 06:52:51 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP100919MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Oct 16 05:11:27 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.75	152	182154	20.00	ng/ul	0.00
18) Naphthalene-d8	8.03	136	680836	20.00	ng/ul	0.00
36) Acenaphthene-d10	9.80	164	371400	20.00	ng/ul	0.00
62) Phenanthrene-d10	11.29	188	685191	20.00	ng/ul	0.00
78) Chrysene-d12	13.97	240	576195	20.00	ng/ul	0.00
86) Perylene-d12	15.45	264	639710	20.00	ng/ul	0.00

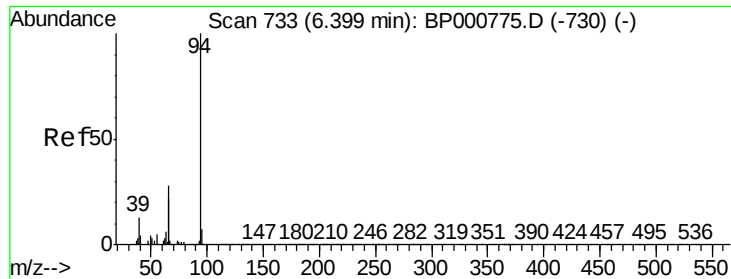
System Monitoring Compounds

3) 1,4-Dioxane-d8	2.36	96	12118	2.76	ng/uL	0.00
5) Phenol-d5	6.39	99	210699	15.00	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.43	67	115272	16.41	ng/ul	0.00
9) 2-Chlorophenol-d4	6.52	132	193208	16.32	ng/ul	0.00
13) 4-Methylphenol-d8	7.13	113	150879	14.06	ng/ul	0.00
19) Nitrobenzene-d5	7.30	128	89068	17.21	ng/ul	0.00
22) 2-Nitrophenol-d4	7.63	143	95789	17.38	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	7.89	165	175191	16.61	ng/ul	0.00
29) 4-Chloroaniline-d4	8.09	131	153753	13.11	ng/ul	0.00
44) Dimethylphthalate-d6	9.49	166	523272	20.13	ng/ul	0.00
47) Acenaphthylene-d8	9.64	160	613604	19.19	ng/ul	0.00
52) 4-Nitrophenol-d4	9.92	143	40753	10.18	ng/ul	0.00
58) Fluorene-d10	10.32	176	436556	19.62	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	10.39	200	30777	9.43	ng/ul	0.00
71) Anthracene-d10	11.35	188	648589	20.44	ng/ul	0.00
79) Pyrene-d10	12.73	212	698774	21.45	ng/ul	0.00
90) Benzo(a)pyrene-d12	15.36	264	667806	21.15	ng/ul	0.00

Target Compounds

					Ovalue
6) Phenol	6.40	94	28458	2.009 ng/ul	95
45) Dimethylphthalate	9.51	163	260316	10.049 ng/ul	100
57) Diethylphthalate	10.22	149	32505	1.299 ng/ul	98
70) Phenanthrene	11.32	178	187832	5.030 ng/ul	100
72) Anthracene	11.37	178	43739	1.154 ng/ul	99
77) Fluoranthene	12.52	202	483572	12.638 ng/ul	98
80) Pyrene	12.75	202	488547m	11.950 ng/ul	
83) Benzo(a)anthracene	13.96	228	275998	7.137 ng/ul	96
84) Bis(2-ethylhexyl)phthalate	13.96	149	230539	10.382 ng/ul#	99
85) Chrysene	13.99	228	265073	7.375 ng/ul	98
88) Benzo(b)fluoranthene	15.02	252	363848	9.533 ng/ul	98
89) Benzo(k)fluoranthene	15.05	252	86580	2.382 ng/ul	97
91) Benzo(a)pyrene	15.39	252	251468	6.959 ng/ul	98
92) Indeno(1,2,3-cd)pyrene	16.92	276	164453	3.970 ng/ul	96
93) Dibenzo(a,h)anthracene	16.92	278	46415	1.367 ng/ul#	89
94) Benzo(g,h,i)perylene	17.36	276	162361	4.708 ng/ul	99

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



#6

Phenol

Concen: 2.009 ng/ul

RT: 6.40 min Scan# 733

Delta R.T. 0.00 min

Lab File: BP000787.D

Acq: 15 Oct 2019 23:49

Instrument :

BNA_P

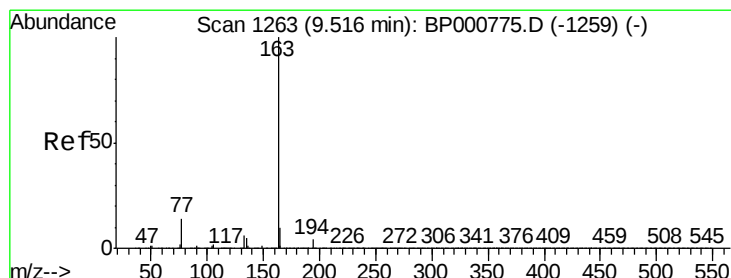
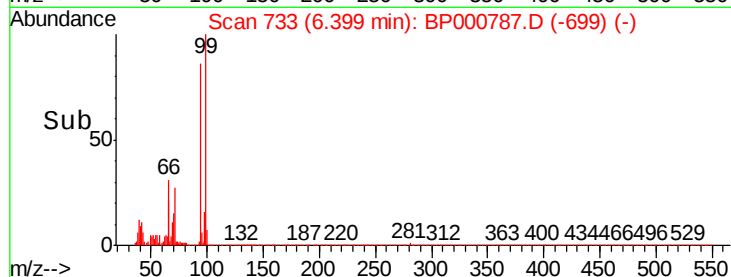
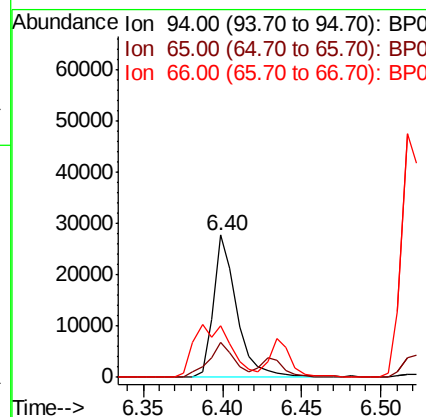
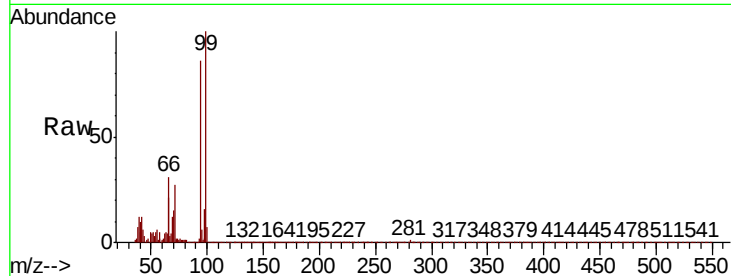
ClientSampleId :

BEPD3

Tot Ion:	94	Resp:	28458
Ion Ratio	Lower	Upper	
94	100		
65	24.9	19.2	28.8
66	36.6	25.7	38.5

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#45

Dimethylphthalate

Concen: 10.049 ng/ul

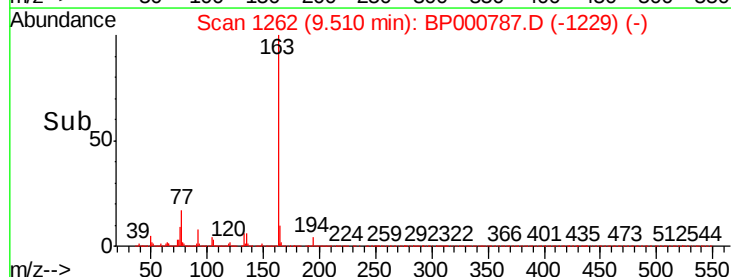
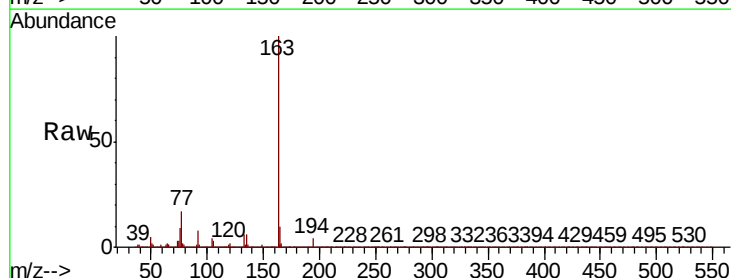
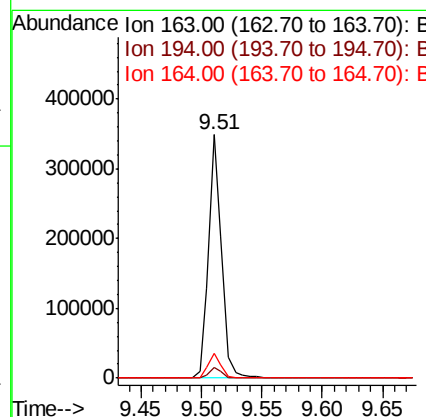
RT: 9.51 min Scan# 1262

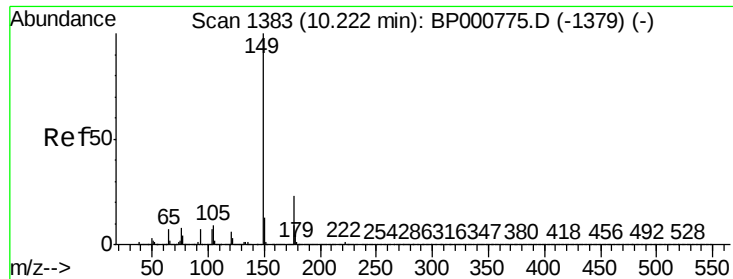
Delta R.T. -0.01 min

Lab File: BP000787.D

Acq: 15 Oct 2019 23:49

Tgt Ion:	163	Resp:	260316
Ion Ratio	Lower	Upper	
163	100		
194	4.2	3.3	4.9
164	10.1	8.1	12.1





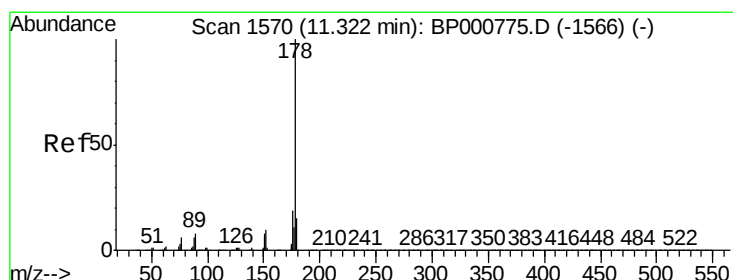
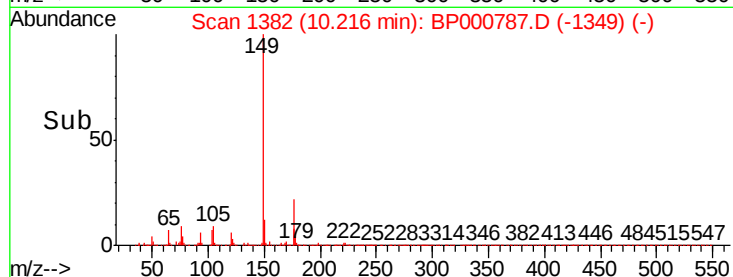
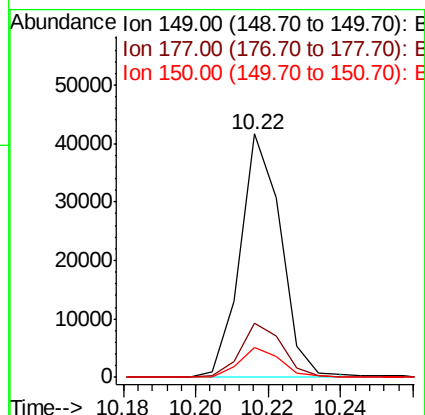
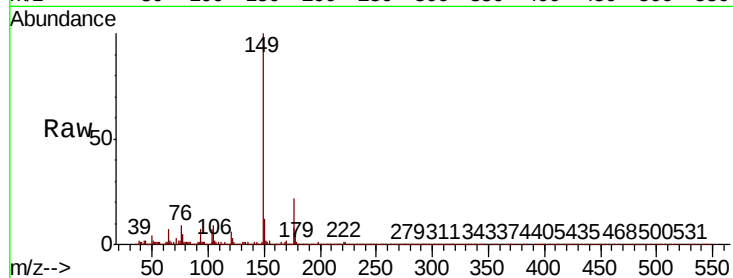
#57
Diethylphthalate
Concen: 1.299 ng/ul
RT: 10.22 min Scan# 1382
Delta R.T. -0.01 min
Lab File: BP000787.D
Acq: 15 Oct 2019 23:49

Instrument :
BNA_P
ClientSampled :
BEPD3

Tot Ion	Ratio	Lower	Upper
149	100		
177	22.1	19.0	28.4
150	12.1	9.8	14.8

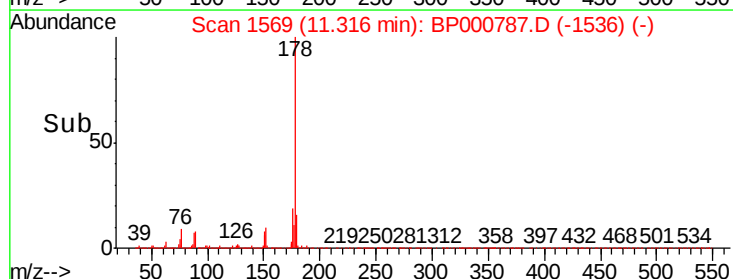
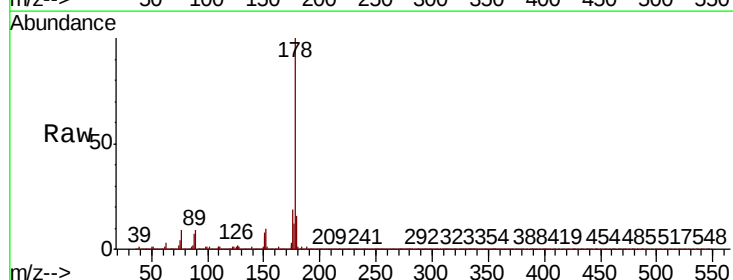
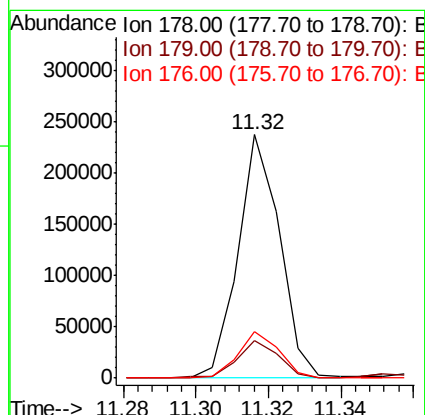
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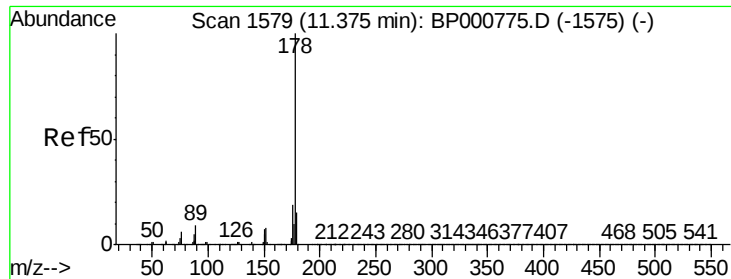
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#70
Phenanthrene
Concen: 5.030 ng/ul
RT: 11.32 min Scan# 1569
Delta R.T. -0.01 min
Lab File: BP000787.D
Acq: 15 Oct 2019 23:49

Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.6	12.5	18.7
176	19.0	15.4	23.2





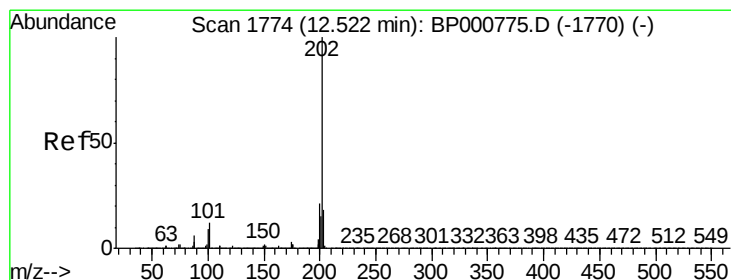
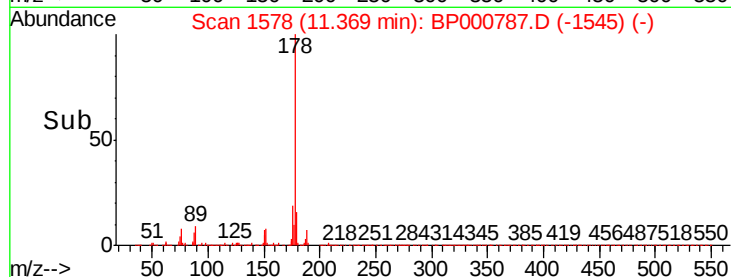
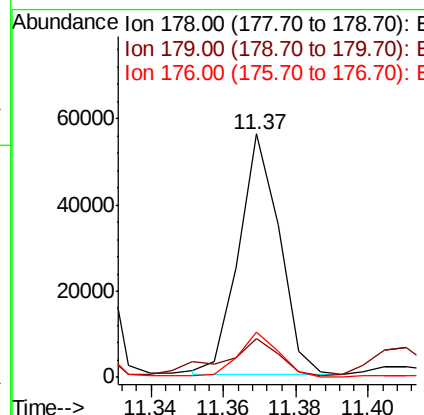
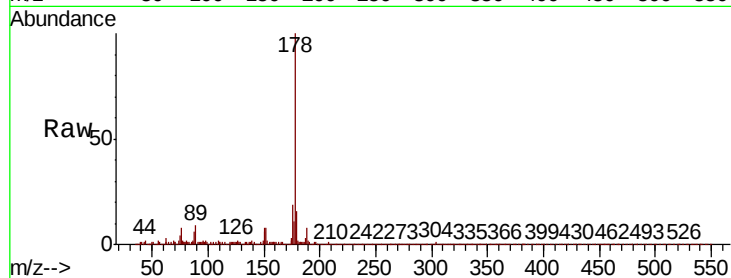
#72
 Anthracene
 Concen: 1.154 ng/ul
 RT: 11.37 min Scan# 1578
 Delta R.T. -0.01 min
 Lab File: BP000787.D
 Acq: 15 Oct 2019 23:49

Instrument :
 BNA_P
 ClientSampleId :
 BEPD3

Tot Ion	Ratio	Lower	Upper
178	100		
179	15.9	12.4	18.6
176	18.7	15.1	22.7

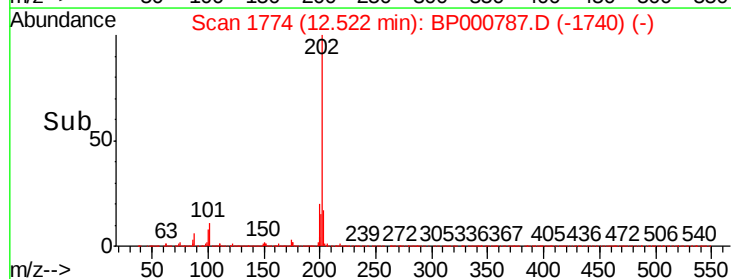
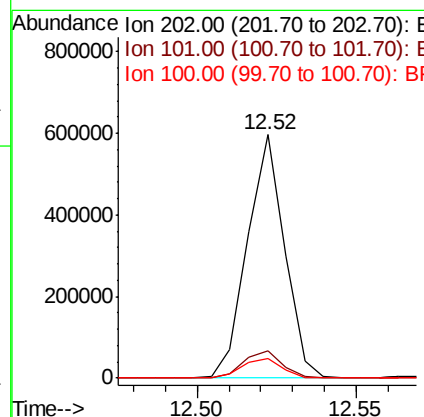
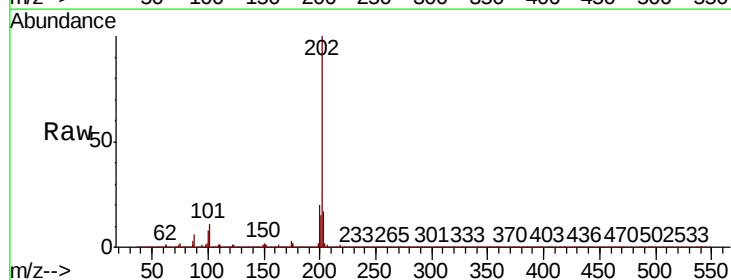
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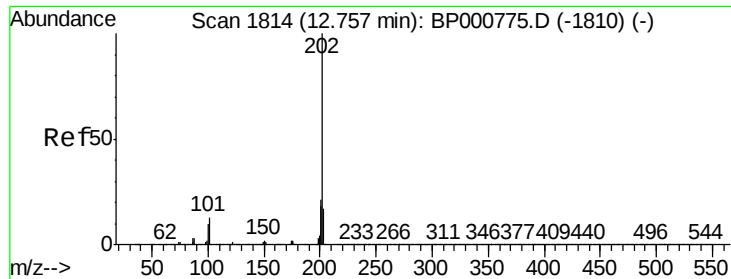
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#77
 Fluoranthene
 Concen: 12.638 ng/ul
 RT: 12.52 min Scan# 1774
 Delta R.T. 0.00 min
 Lab File: BP000787.D
 Acq: 15 Oct 2019 23:49

Tgt Ion	Ratio	Lower	Upper
202	100		
101	11.4	9.8	14.6
100	8.2	7.2	10.8





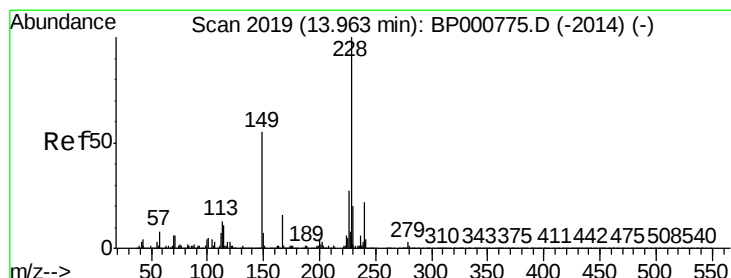
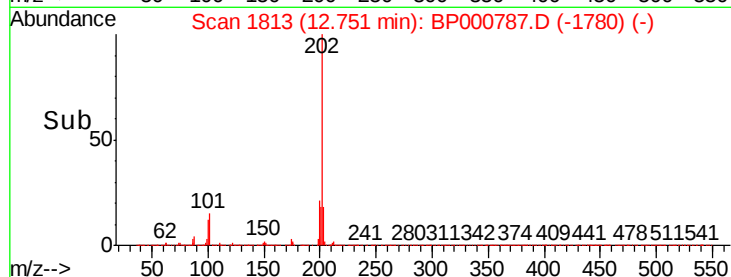
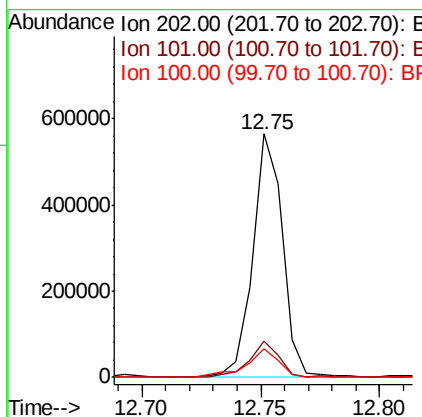
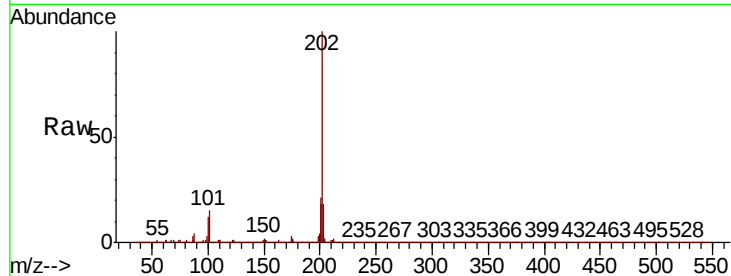
#80
Pvrene
Concen: 11.950 ng/ul m
RT: 12.75 min Scan# 1813
Delta R.T. -0.01 min
Lab File: BP000787.D
Acq: 15 Oct 2019 23:49

Instrument :
BNA_P
ClientSampleId :
BEPD3

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	14.8	9.7	14.5#
100	11.7	7.8	11.8

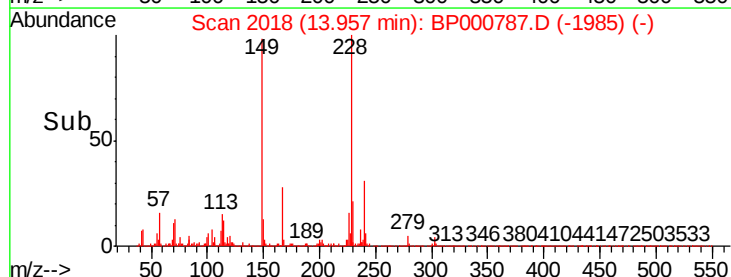
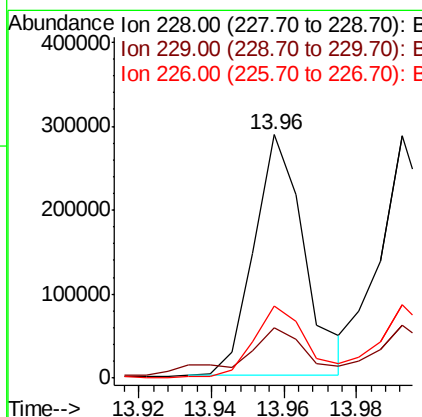
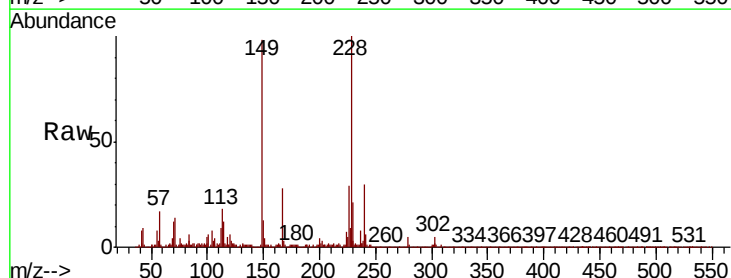
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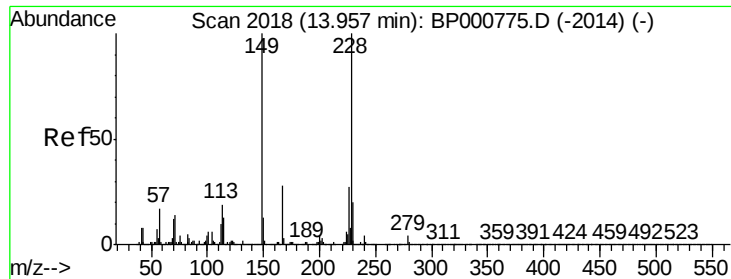
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#83
Benzo(a)anthracene
Concen: 7.137 ng/ul
RT: 13.96 min Scan# 2018
Delta R.T. -0.01 min
Lab File: BP000787.D
Acq: 15 Oct 2019 23:49

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
229	20.9	15.6	23.4
226	29.4	21.8	32.8





#84

Bis(2-ethylhexyl)phthalate

Concen: 10.382 ng/ul

RT: 13.96 min Scan# 2018

Delta R.T. 0.00 min

Lab File: BP000787.D

Acq: 15 Oct 2019 23:49

Instrument :

BNA_P

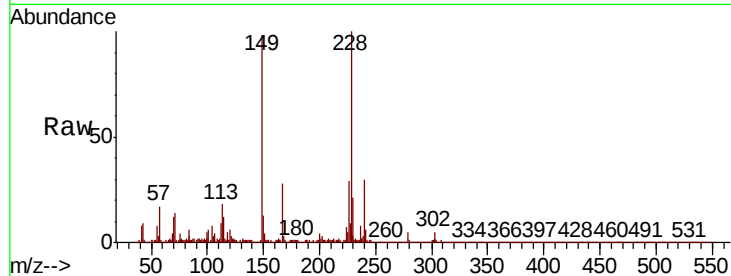
ClientSampleId :

BEPD3

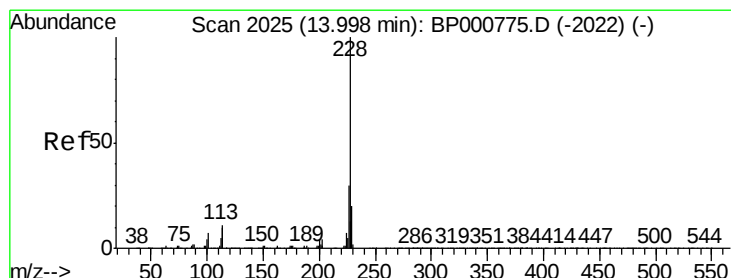
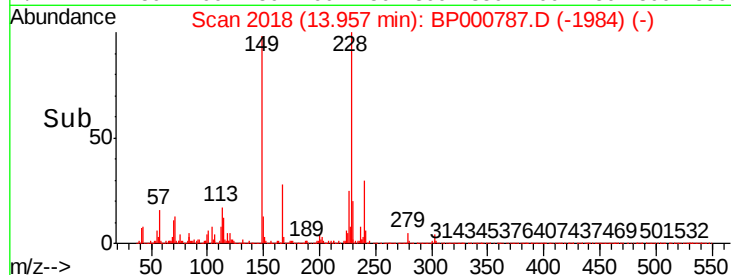
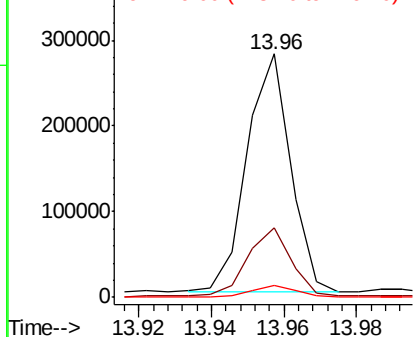
Tot Ion:	149	Resp:	230539
Ion Ratio		Lower	Upper
149	100		
167	28.4	22.3	33.5
279	4.9	3.2	4.8#

Manual Integrations
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Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 279.00 (278.70 to 279.70): E



#85

Chrysene

Concen: 7.375 ng/ul

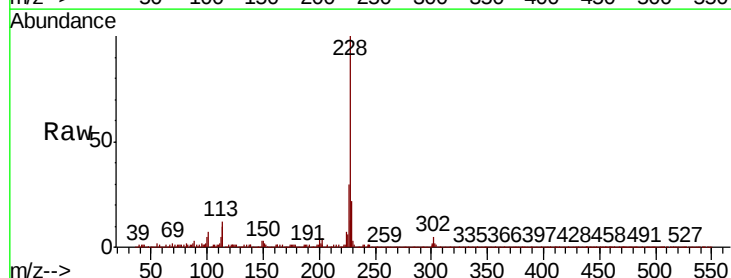
RT: 13.99 min Scan# 2024

Delta R.T. -0.01 min

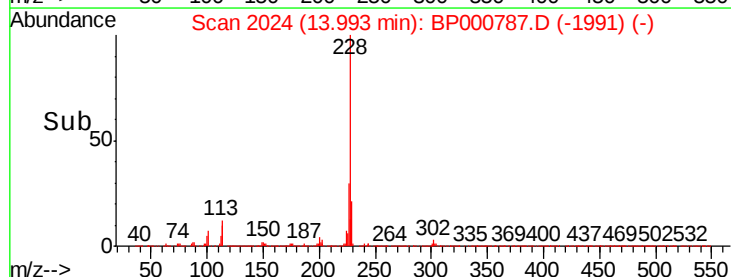
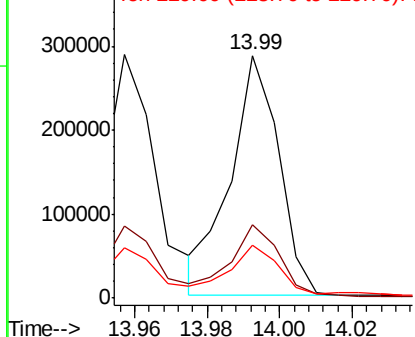
Lab File: BP000787.D

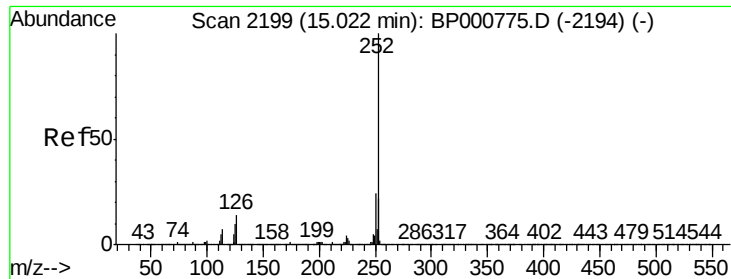
Acq: 15 Oct 2019 23:49

Tgt Ion:	228	Resp:	265073
Ion Ratio		Lower	Upper
228	100		
226	30.3	24.2	36.4
229	22.1	15.8	23.6



Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E





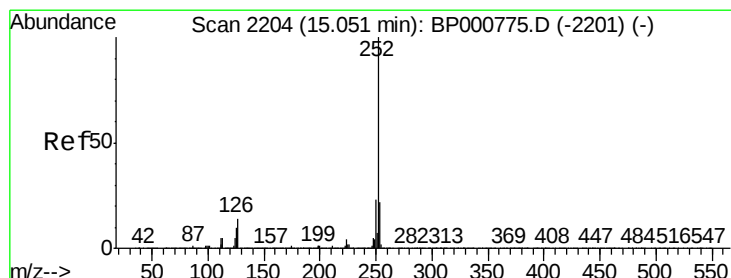
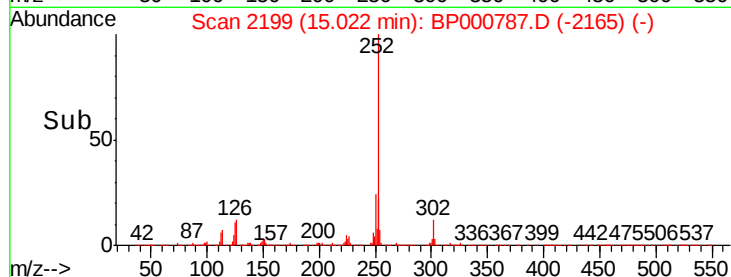
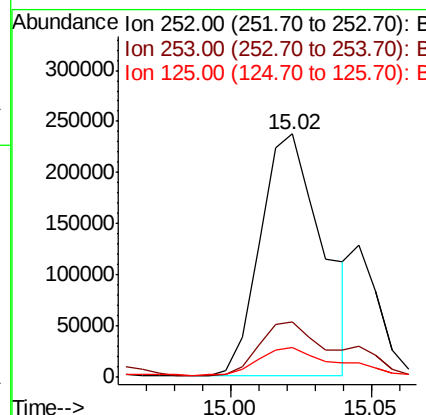
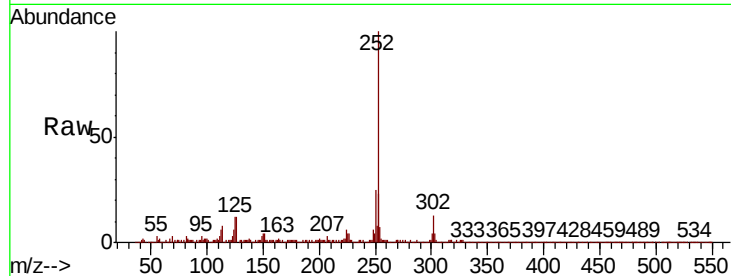
#88
Benzo(b)fluoranthene
Concen: 9.533 ng/ul
RT: 15.02 min Scan# 2199
Delta R.T. 0.00 min
Lab File: BP000787.D
Acq: 15 Oct 2019 23:49

Instrument :
BNA_P
ClientSampleId :
BEPD3

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.6	26.4
125	12.1	8.7	13.1

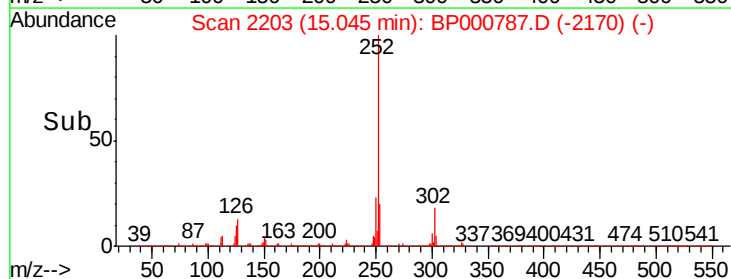
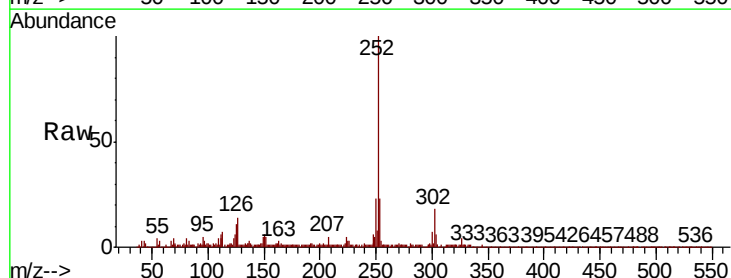
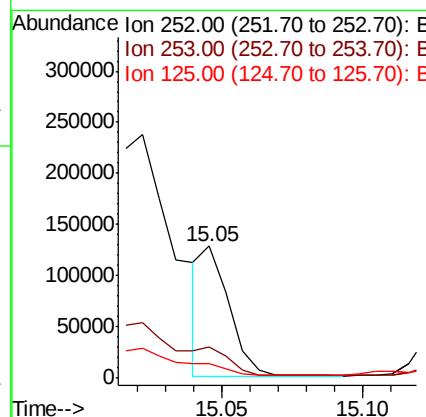
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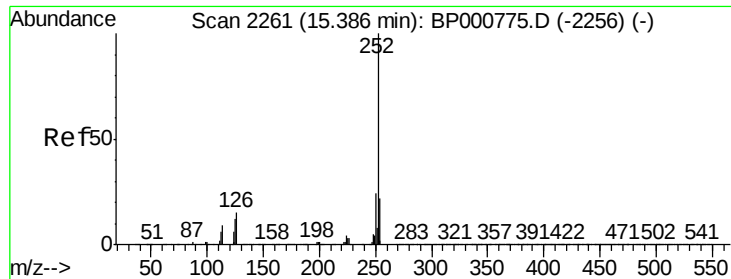
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#89
Benzo(k)fluoranthene
Concen: 2.382 ng/ul
RT: 15.05 min Scan# 2203
Delta R.T. -0.01 min
Lab File: BP000787.D
Acq: 15 Oct 2019 23:49

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.4	17.8	26.6
125	11.3	8.2	12.4





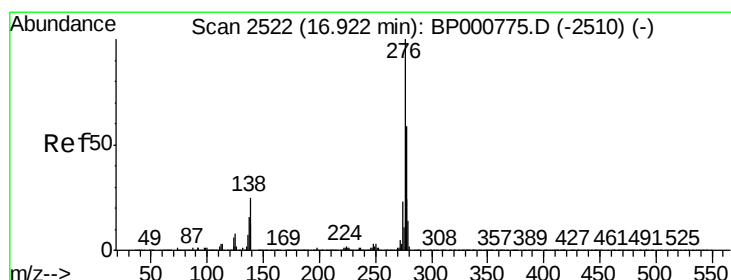
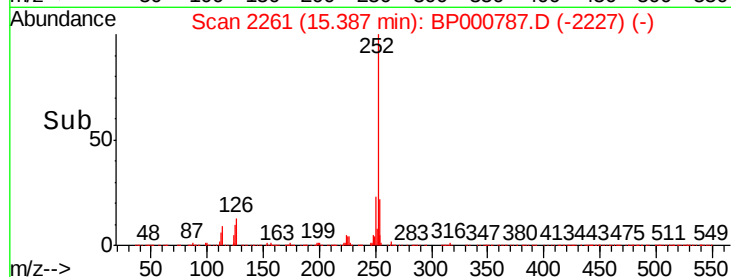
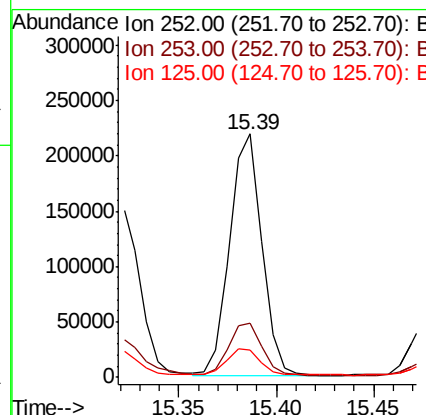
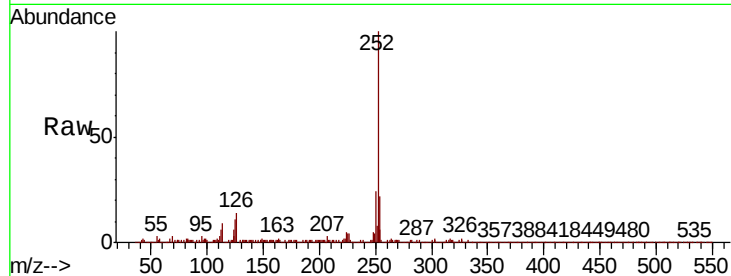
#91
Benzo(a)pyrene
Concen: 6.959 ng/ul
RT: 15.39 min Scan# 2261
Delta R.T. 0.00 min
Lab File: BP000787.D
Acq: 15 Oct 2019 23:49

Instrument :
BNA_P
ClientSampled :
BEPD3

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.6	26.4
125	11.1	9.7	14.5

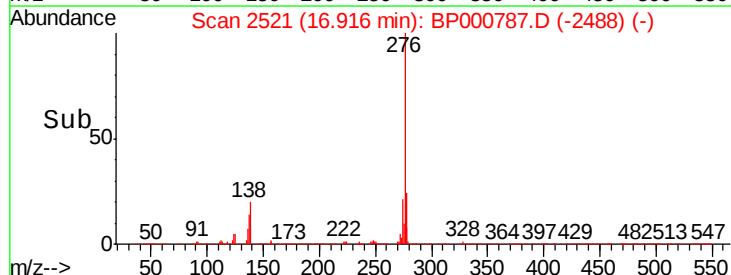
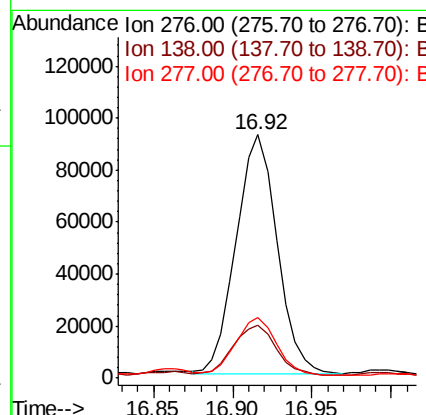
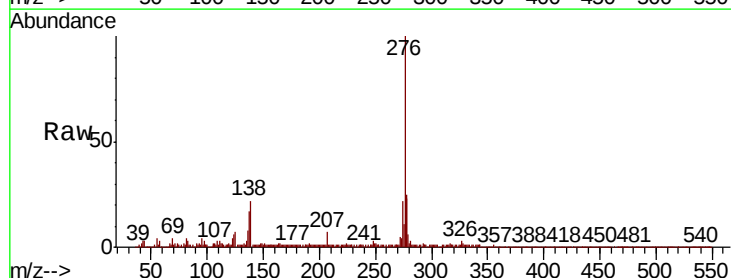
Manual Integrations
APPROVED

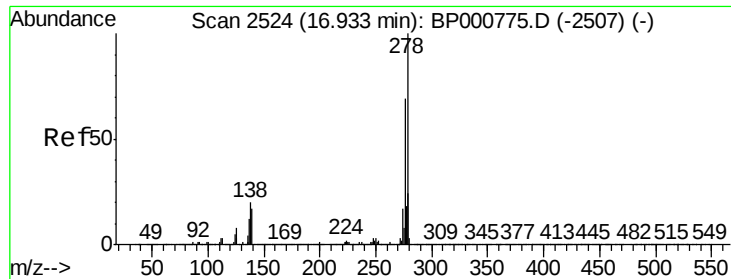
mohammad
10/17/2019 7:59:33 AM



#92
Indeno(1,2,3-cd)pyrene
Concen: 3.970 ng/ul
RT: 16.92 min Scan# 2521
Delta R.T. -0.01 min
Lab File: BP000787.D
Acq: 15 Oct 2019 23:49

Tgt Ion	Ratio	Lower	Upper
276	100		
138	21.7	20.0	30.0
277	25.1	19.8	29.8





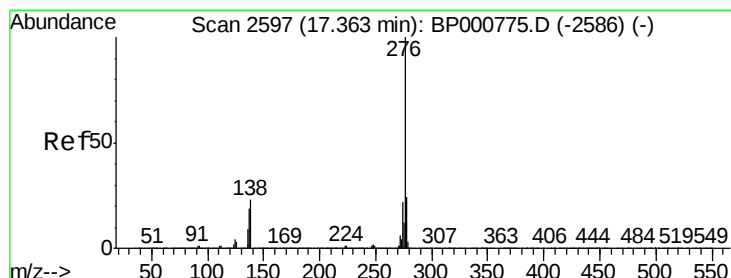
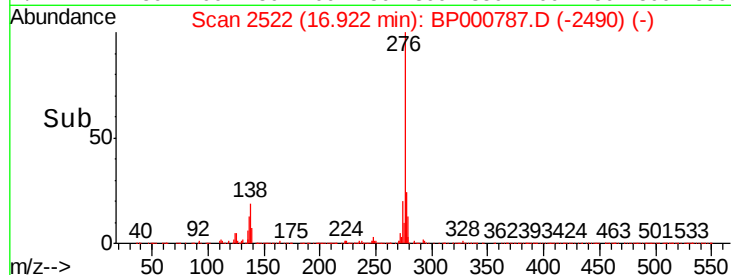
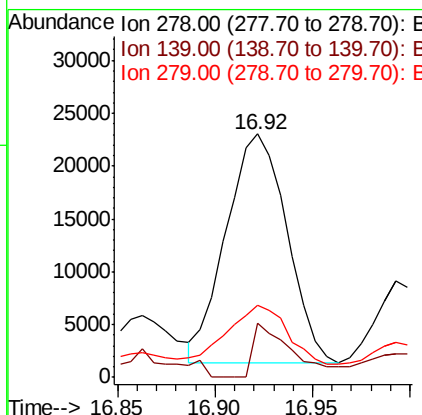
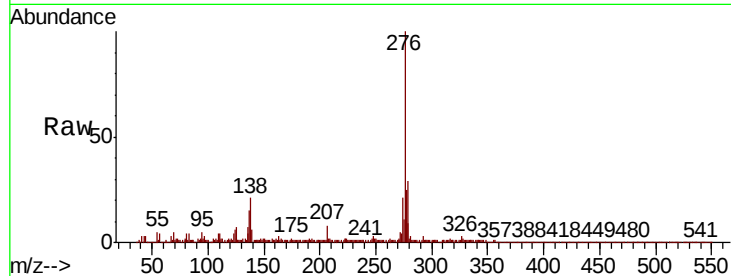
#93
Dibenzo(a,h)anthracene
Concen: 1.367 ng/ul
RT: 16.92 min Scan# 2522
Delta R.T. -0.01 min
Lab File: BP000787.D
Acq: 15 Oct 2019 23:49

Instrument :
BNA_P
ClientSampleId :
BEPD3

Tot Ion	Ratio	Lower	Upper
278	100		
139	22.1	14.2	21.4#
279	29.8	19.2	28.8#

Manual Integrations
APPROVED

mohammad
10/17/2019 7:59:33 AM



#94
Benzo(g,h,i)perylene
Concen: 4.708 ng/ul
RT: 17.36 min Scan# 2596
Delta R.T. -0.01 min
Lab File: BP000787.D
Acq: 15 Oct 2019 23:49

Tgt Ion	Ratio	Lower	Upper
276	100		
138	22.5	18.4	27.6
277	24.7	19.4	29.0

