

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP101619\
 Data File : BP000785.D
 Acq On : 15 Oct 2019 23:00
 Operator : JU
 Sample : K5178-10
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 BEPF3

Manual Integrations
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mohammad
 10/17/2019 7:59:27 AM

Quant Time: Oct 16 06:34:04 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	188892	20.00	ng/ul	0.00
18) Naphthalene-d8	8.03	136	710271	20.00	ng/ul	0.00
36) Acenaphthene-d10	9.79	164	391783	20.00	ng/ul	0.00
62) Phenanthrene-d10	11.29	188	710952	20.00	ng/ul	0.00
78) Chrysene-d12	13.97	240	560312	20.00	ng/ul	0.00
86) Perylene-d12	15.45	264	656874	20.00	ng/ul	0.00

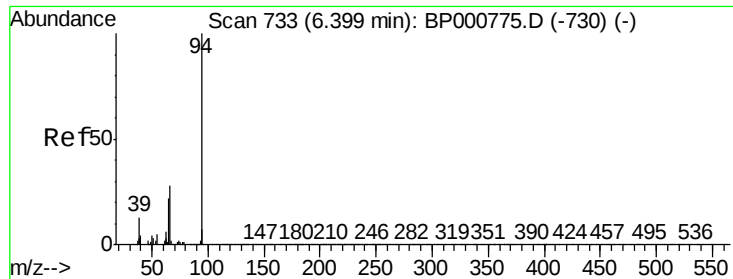
System Monitoring Compounds

3) 1,4-Dioxane-d8	2.36	96	17661	3.88	ng/uL	0.00
5) Phenol-d5	6.39	99	293575	20.15	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.43	67	154994	21.28	ng/ul	0.00
9) 2-Chlorophenol-d4	6.52	132	259470	21.14	ng/ul	0.00
13) 4-Methylphenol-d8	7.13	113	232098	20.85	ng/ul	0.00
19) Nitrobenzene-d5	7.30	128	122615	22.71	ng/ul	0.00
22) 2-Nitrophenol-d4	7.63	143	132651	23.07	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	7.89	165	237066	21.54	ng/ul	0.00
29) 4-Chloroaniline-d4	8.09	131	142078	11.61	ng/ul	0.00
44) Dimethylphthalate-d6	9.49	166	637611	23.25	ng/ul	0.00
47) Acenaphthylene-d8	9.64	160	785673	23.29	ng/ul	0.00
52) 4-Nitrophenol-d4	9.92	143	67664	16.02	ng/ul	0.00
58) Fluorene-d10	10.32	176	540532	23.03	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	10.39	200	47035	13.89	ng/ul	0.00
71) Anthracene-d10	11.35	188	777120	23.60	ng/ul	0.00
79) Pyrene-d10	12.73	212	788410	24.88	ng/ul	0.00
90) Benzo(a)pyrene-d12	15.36	264	767623	23.67	ng/ul	0.00

Target Compounds

					Ovalue
6) Phenol	6.40	94	42384	2.885	ng/ul 95
45) Dimethylphthalate	9.51	163	363938	13.318	ng/ul 99
48) Acenaphthylene	9.66	152	50184	1.442	ng/ul 99
50) Acenaphthene	9.83	153	44069	1.829	ng/ul 99
59) Fluorene	10.35	166	43608	1.673	ng/ul 99
70) Phenanthrene	11.32	178	922107	23.798	ng/ul 99
72) Anthracene	11.37	178	194810	4.954	ng/ul 99
75) Carbazole	11.53	167	56201	1.675	ng/ul 97
77) Fluoranthene	12.52	202	1437167	36.200	ng/ul 99
80) Pyrene	12.76	202	1652464	41.567	ng/ul 97
83) Benzo(a)anthracene	13.96	228	875603	23.284	ng/ul 95
84) Bis(2-ethylhexyl)phthalate	13.96	149	511070	23.667	ng/ul 100
85) Chrysene	14.00	228	921867	26.374	ng/ul 98
88) Benzo(b)fluoranthene	15.02	252	982217	25.062	ng/ul 98
89) Benzo(k)fluoranthene	15.05	252	334459	8.961	ng/ul 96
91) Benzo(a)pyrene	15.39	252	789204	21.268	ng/ul 98
92) Indeno(1,2,3-cd)pyrene	16.92	276	489259	11.503	ng/ul 97
93) Dibenzo(a,h)anthracene	16.93	278	153197m	4.394	ng/ul
94) Benzo(g,h,i)perylene	17.36	276	517489	14.612	ng/ul 99

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



#6

Phenol

Concen: 2.885 ng/ul

RT: 6.40 min Scan# 734

Delta R.T. 0.01 min

Lab File: BP000785.D

Acq: 15 Oct 2019 23:00

Instrument :

BNA_P

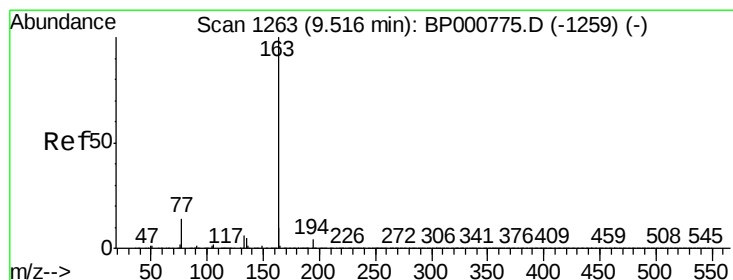
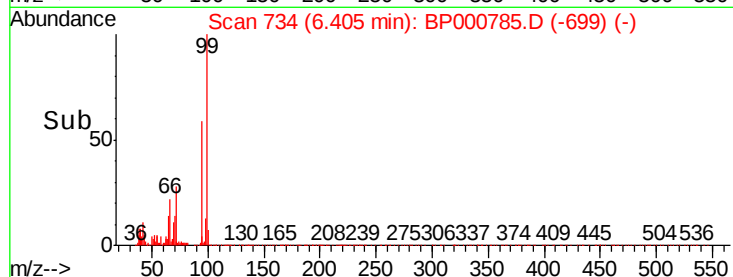
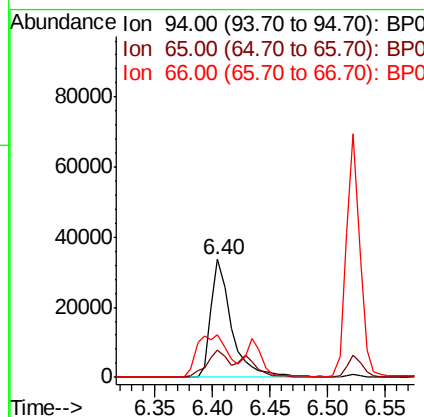
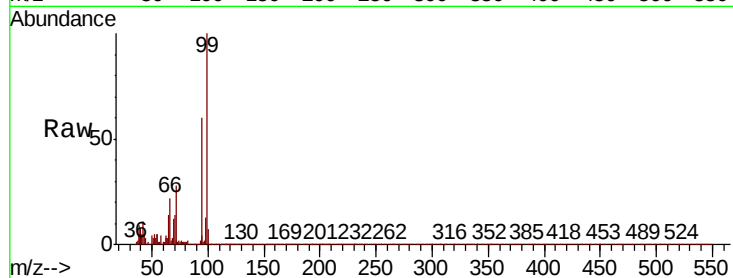
ClientSampleId :

BEPF3

Tot Ion:	94	Resp:	42384
Ion Ratio	Lower	Upper	
94	100		
65	23.6	19.2	28.8
66	36.2	25.7	38.5

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#45

Dimethylphthalate

Concen: 13.318 ng/ul

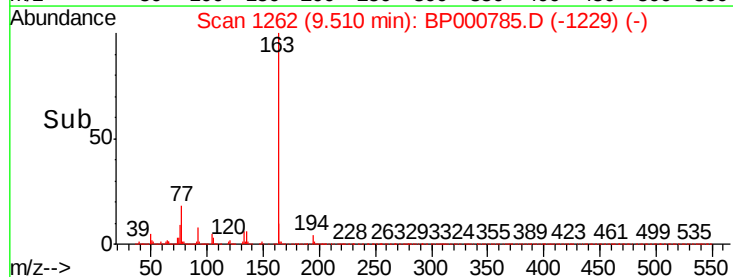
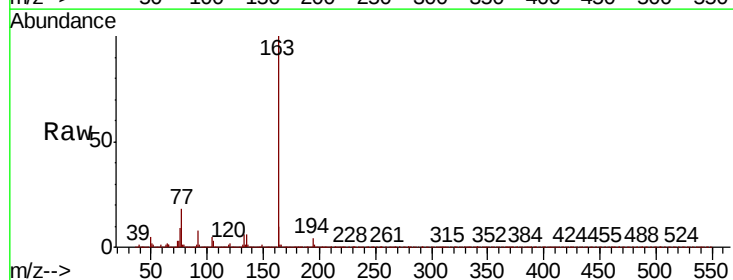
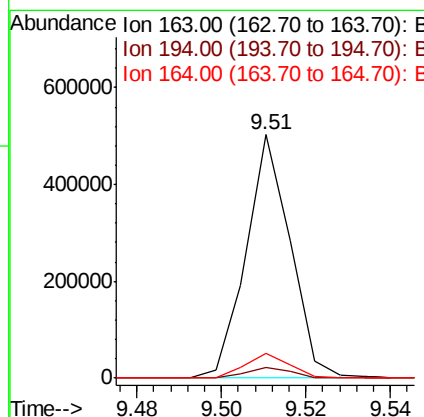
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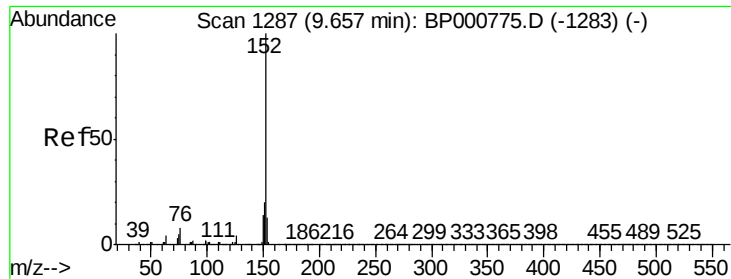
Delta R.T. -0.01 min

Lab File: BP000785.D

Acq: 15 Oct 2019 23:00

Tgt Ion:	163	Resp:	363938
Ion Ratio	Lower	Upper	
163	100		
194	4.2	3.3	4.9
164	10.3	8.1	12.1





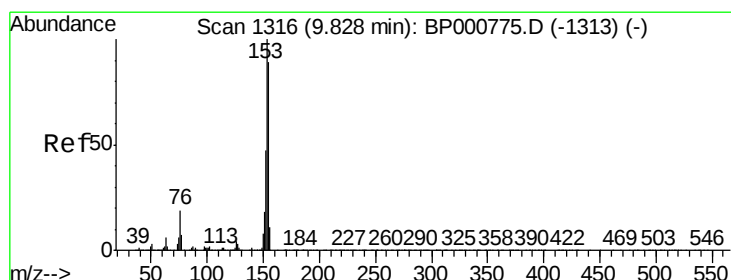
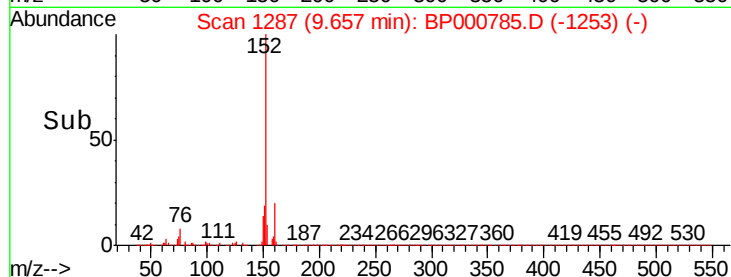
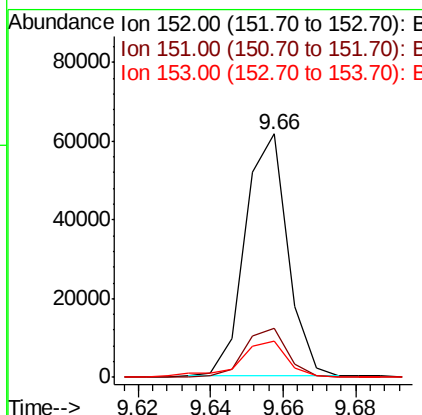
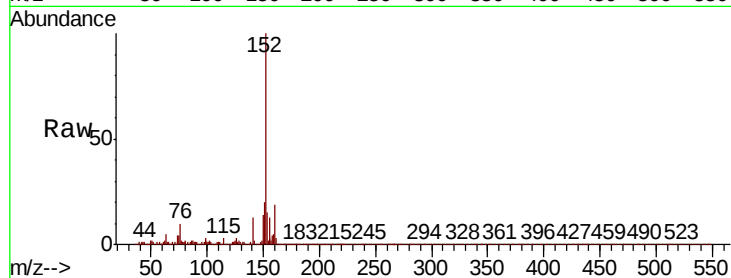
#48
Acenaphthylene
Concen: 1.442 ng/ul
RT: 9.66 min Scan# 1287
Delta R.T. 0.00 min
Lab File: BP000785.D
Acq: 15 Oct 2019 23:00

Instrument :
BNA_P
ClientSampleId :
BEPF3

Tot Ion	Ion	Ratio	Resp	Lower	Upper
152	100		50184		
151	20.2	16.2	24.4		
153	14.8	10.9	16.3		

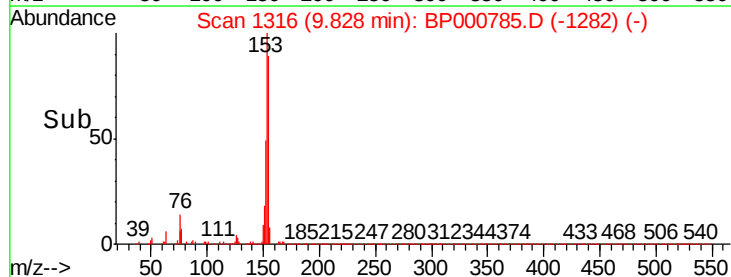
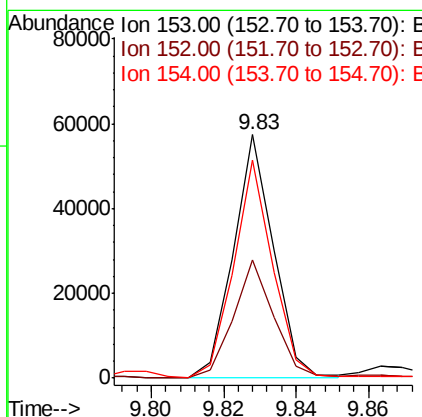
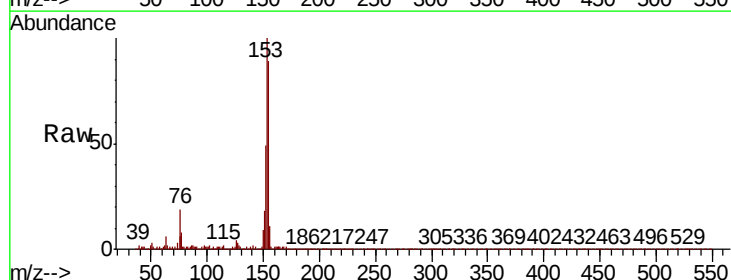
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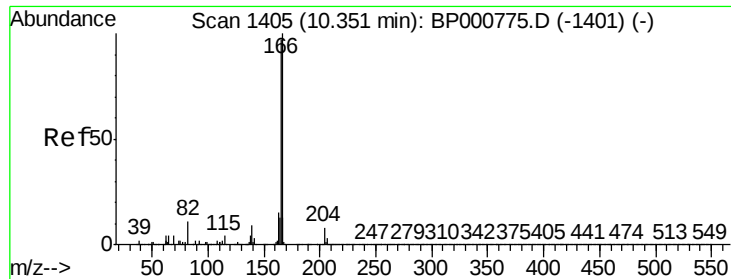
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#50
Acenaphthene
Concen: 1.829 ng/ul
RT: 9.83 min Scan# 1316
Delta R.T. 0.00 min
Lab File: BP000785.D
Acq: 15 Oct 2019 23:00

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
153	100		44069		
152	48.7	38.6	57.8		
154	89.3	71.9	107.9		





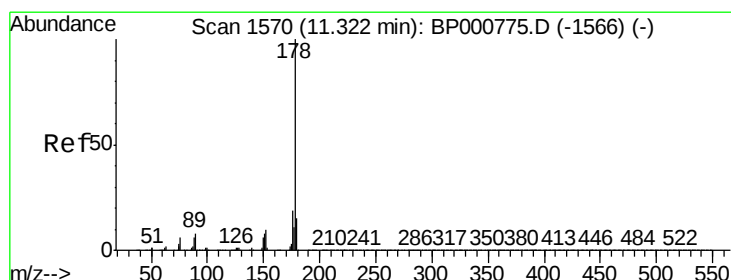
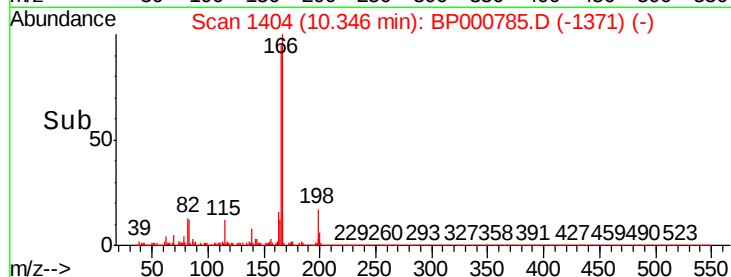
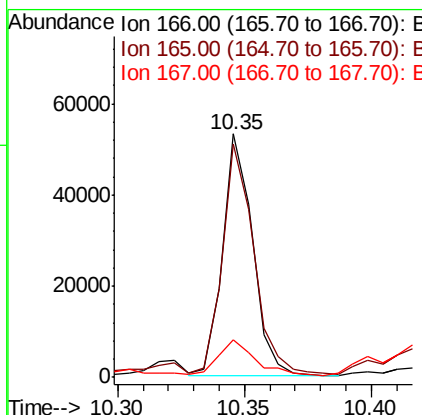
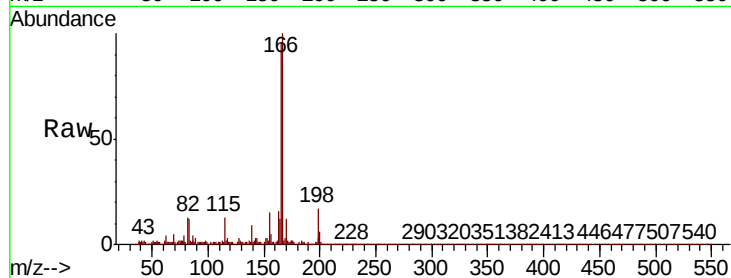
#59
Fluorene
Concen: 1.673 ng/ul
RT: 10.35 min Scan# 1404
Delta R.T. -0.01 min
Lab File: BP000785.D
Acq: 15 Oct 2019 23:00

Instrument :
BNA_P
ClientSampleId :
BEPF3

Tot Ion	Ratio	Lower	Upper
166	100		
165	95.8	77.4	116.0
167	15.3	10.8	16.2

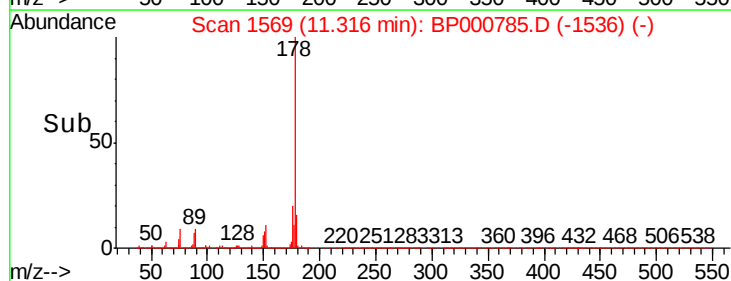
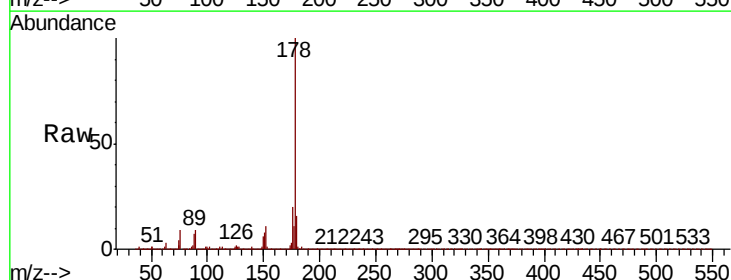
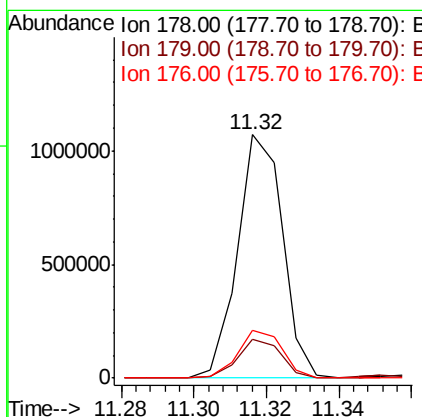
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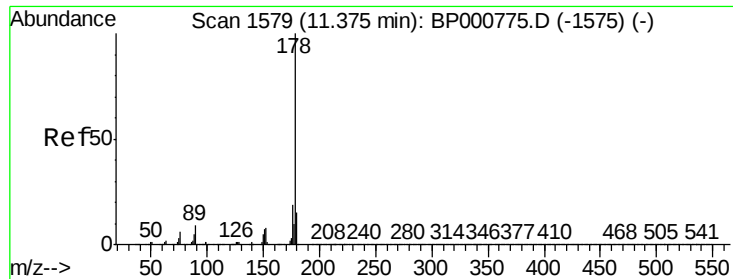
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#70
Phenanthrene
Concen: 23.798 ng/ul
RT: 11.32 min Scan# 1569
Delta R.T. -0.01 min
Lab File: BP000785.D
Acq: 15 Oct 2019 23:00

Tgt Ion	Ratio	Lower	Upper
178	100		
179	16.0	12.5	18.7
176	19.7	15.4	23.2





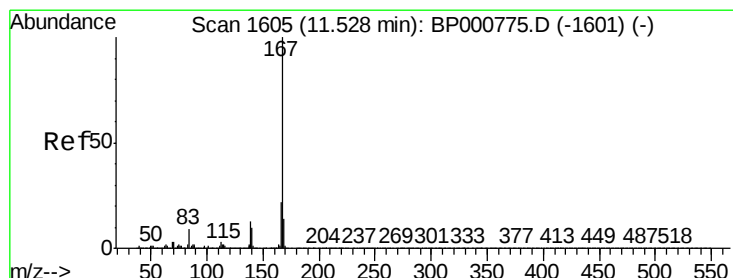
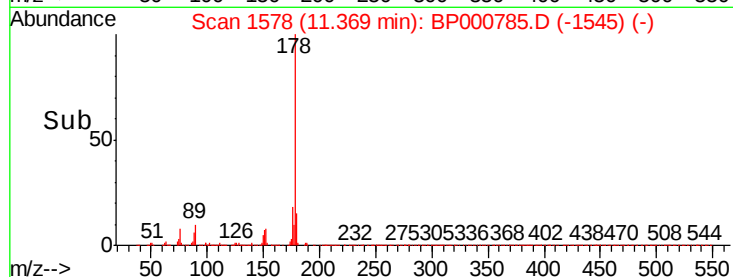
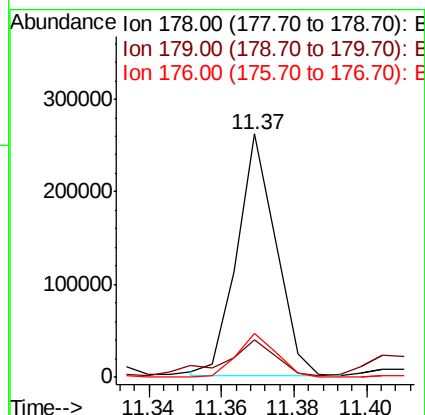
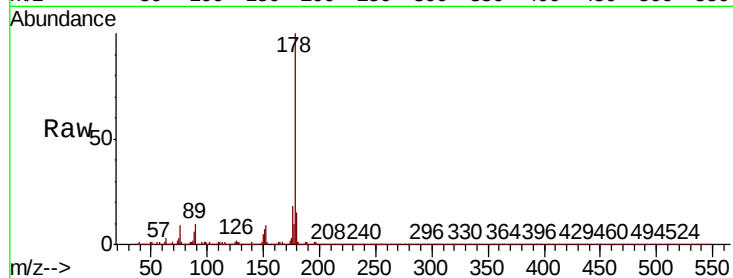
#72
 Anthracene
 Concen: 4.954 ng/ul
 RT: 11.37 min Scan# 1578
 Delta R.T. -0.01 min
 Lab File: BP000785.D
 Acq: 15 Oct 2019 23:00

Instrument :
 BNA_P
 ClientSampleId :
 BEPF3

Tot Ion:	178	Resp:	194810
Ion Ratio	Lower	Upper	
178	100		
179	15.2	12.4	18.6
176	18.3	15.1	22.7

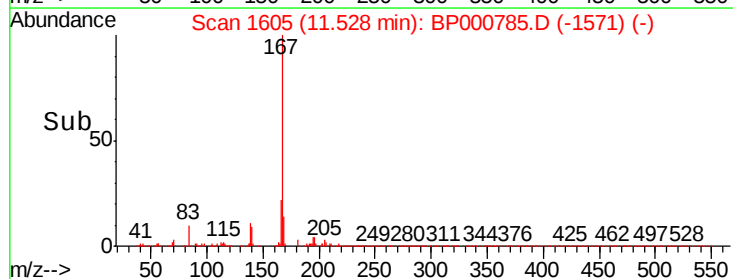
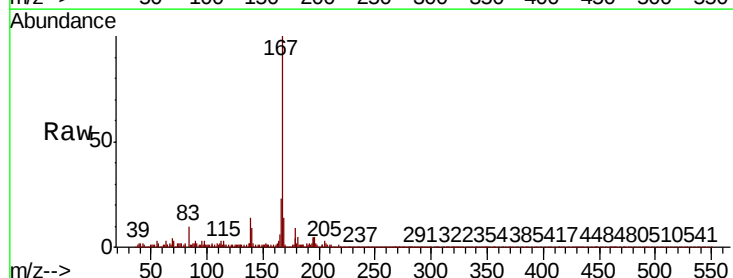
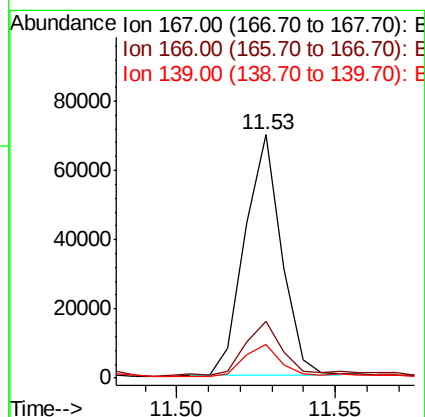
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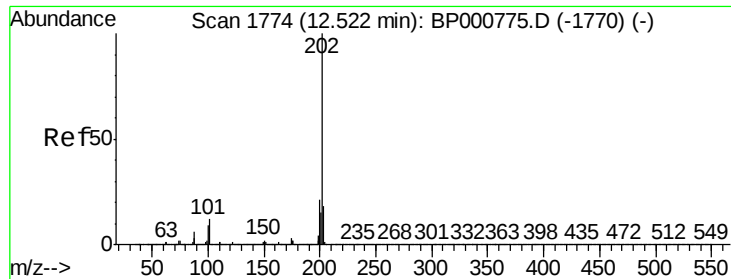
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#75
 Carbazole
 Concen: 1.675 ng/ul
 RT: 11.53 min Scan# 1605
 Delta R.T. 0.00 min
 Lab File: BP000785.D
 Acq: 15 Oct 2019 23:00

Tgt Ion:	167	Resp:	56201
Ion Ratio	Lower	Upper	
167	100		
166	23.3	17.4	26.0
139	13.7	10.2	15.4





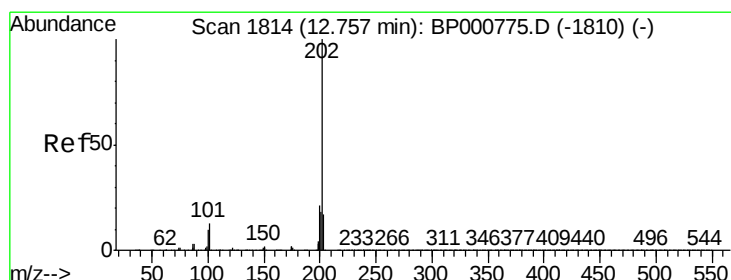
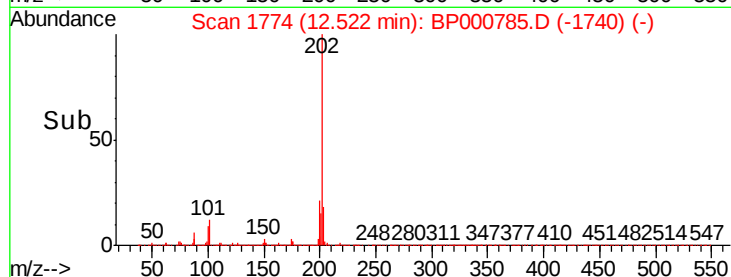
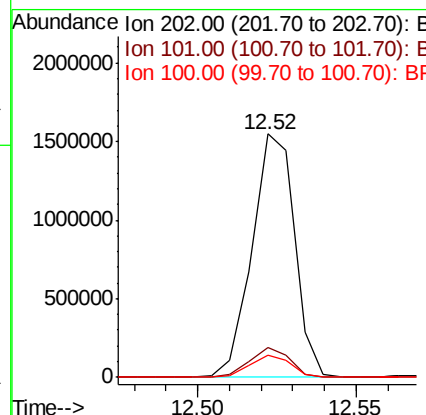
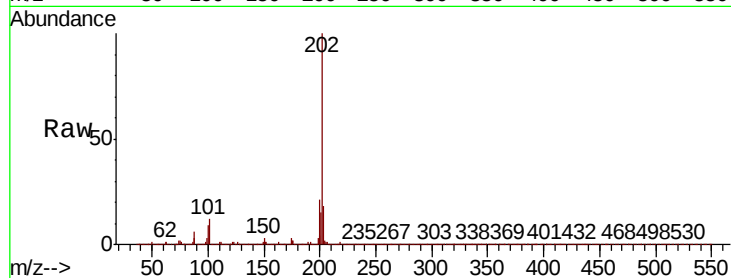
#77
Fluoranthene
Concen: 36.200 ng/ul
RT: 12.52 min Scan# 1774
Delta R.T. 0.00 min
Lab File: BP000785.D
Acq: 15 Oct 2019 23:00

Instrument :
BNA_P
ClientSampleId :
BEPF3

Tot Ion	Ratio	Lower	Upper
202	100		
101	12.5	9.8	14.6
100	9.1	7.2	10.8

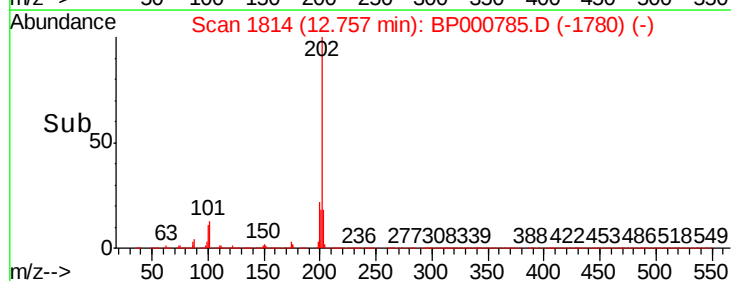
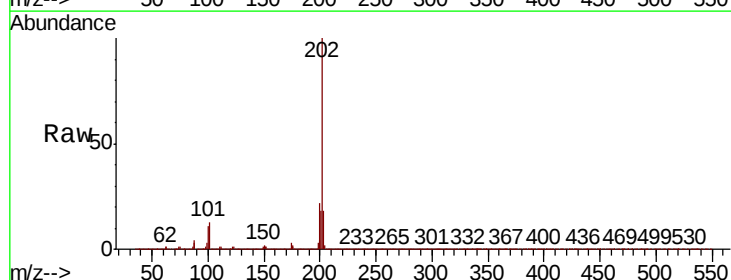
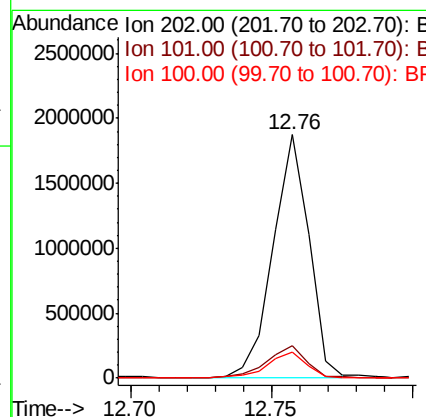
Manual Integrations
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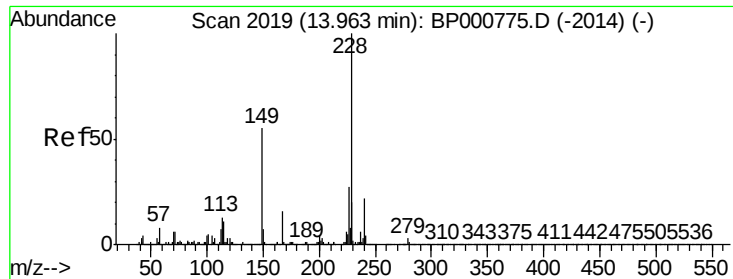
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#80
Pyrene
Concen: 41.567 ng/ul
RT: 12.76 min Scan# 1814
Delta R.T. 0.00 min
Lab File: BP000785.D
Acq: 15 Oct 2019 23:00

Tgt Ion	Ratio	Lower	Upper
202	100		
101	13.4	9.7	14.5
100	10.8	7.8	11.8





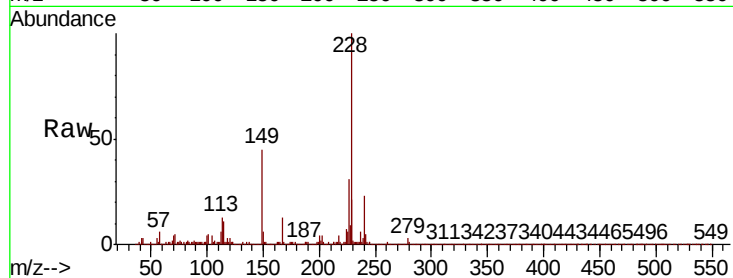
#83
Benzo(a)anthracene
Concen: 23.284 ng/ul
RT: 13.96 min Scan# 2019
Delta R.T. 0.00 min
Lab File: BP000785.D
Acq: 15 Oct 2019 23:00

Instrument :
BNA_P
ClientSampleId :
BEPF3

Tot Ion	Ratio	Lower	Upper
228	100		
229	21.2	15.6	23.4
226	30.8	21.8	32.8

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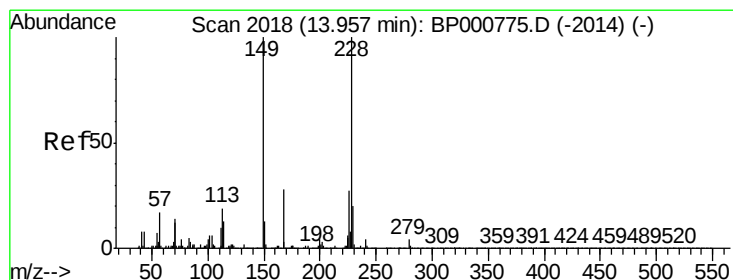
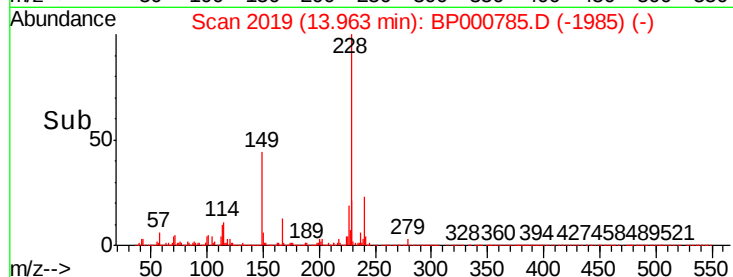
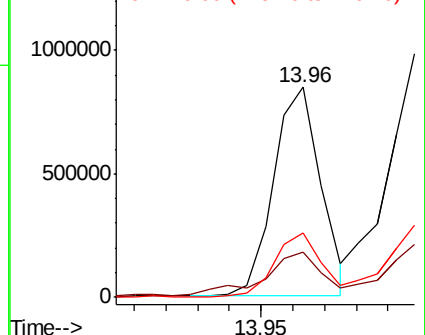


Abundance

Ion 228.00 (227.70 to 228.70): E

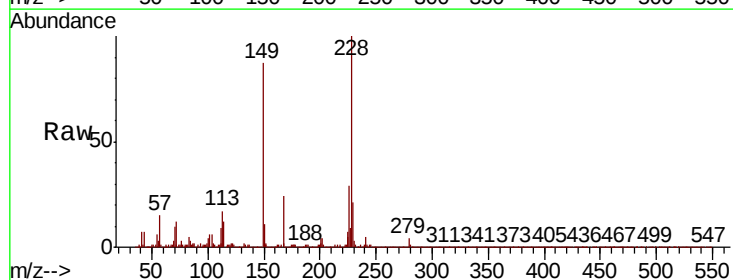
Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E



#84
Bis(2-ethylhexyl)phthalate
Concen: 23.667 ng/ul
RT: 13.96 min Scan# 2018
Delta R.T. 0.00 min
Lab File: BP000785.D
Acq: 15 Oct 2019 23:00

Tgt Ion	Ratio	Lower	Upper
149	100		
167	27.9	22.3	33.5
279	4.7	3.2	4.8

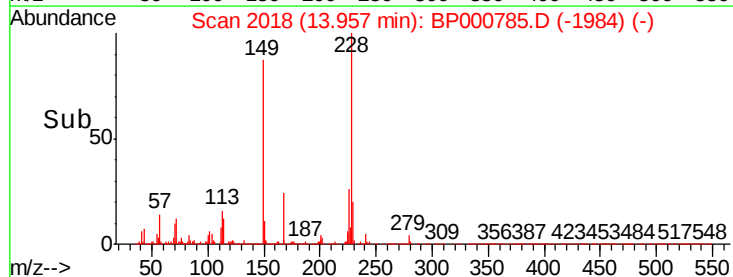
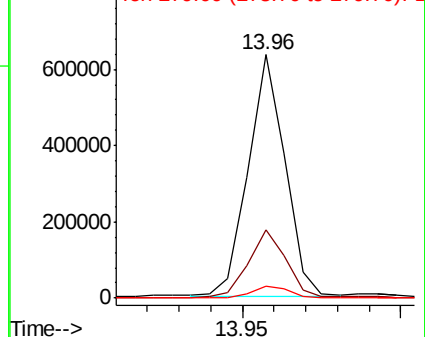


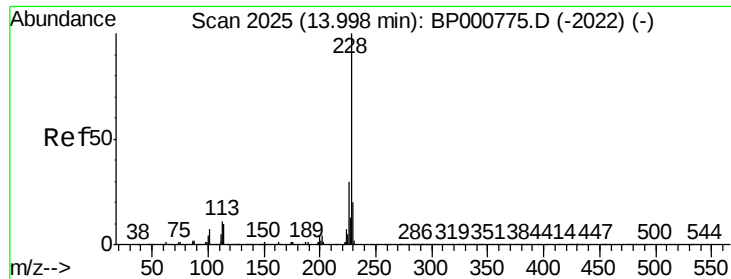
Abundance

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: 26.374 ng/ul

RT: 14.00 min Scan# 2025

Delta R.T. 0.00 min

Lab File: BP000785.D

Acq: 15 Oct 2019 23:00

Instrument :

BNA_P

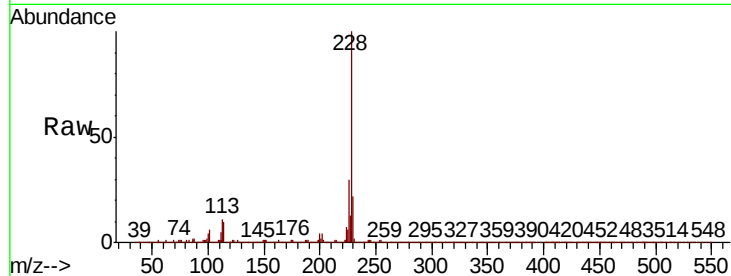
ClientSampleId :

BEPF3

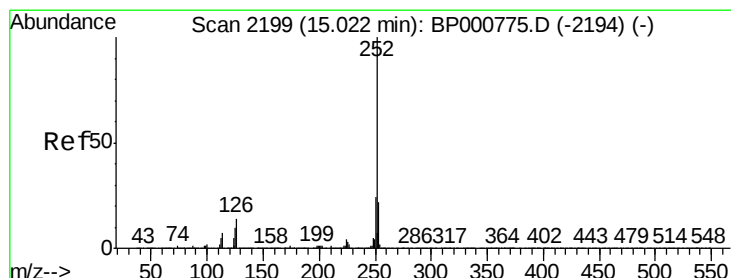
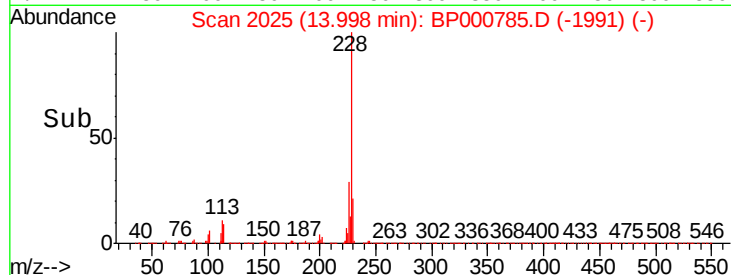
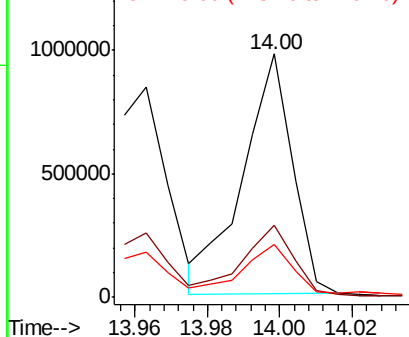
Tot Ion:	228	Resp:	921867
Ion Ratio	Lower	Upper	
228	100		
226	29.7	24.2	36.4
229	21.7	15.8	23.6

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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: 25.062 ng/ul

RT: 15.02 min Scan# 2199

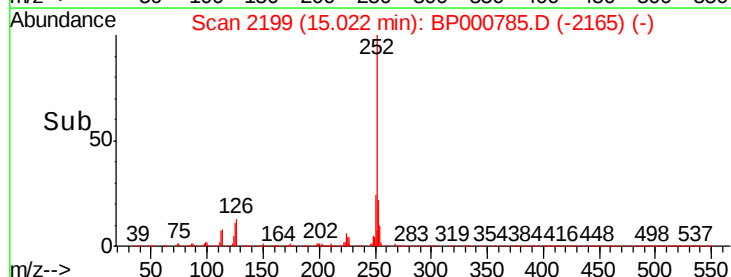
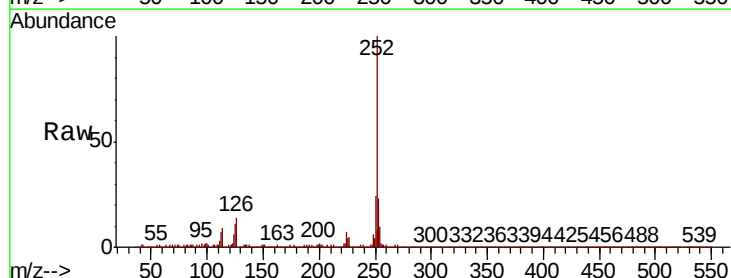
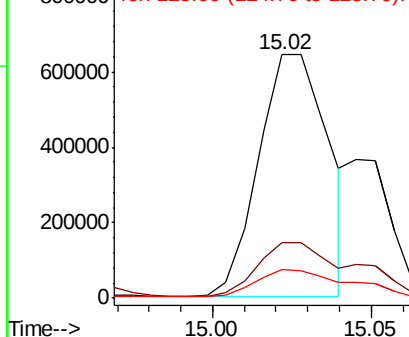
Delta R.T. 0.00 min

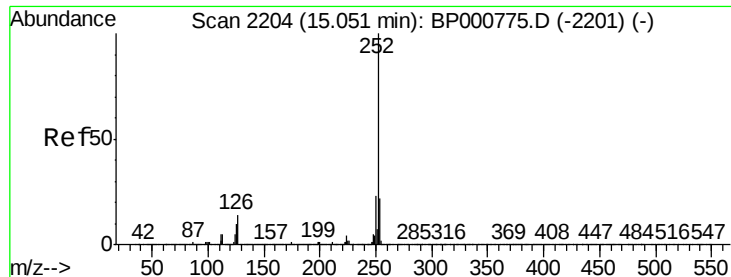
Lab File: BP000785.D

Acq: 15 Oct 2019 23:00

Tgt Ion:	252	Resp:	982217
Ion Ratio	Lower	Upper	
252	100		
253	22.8	17.6	26.4
125	11.5	8.7	13.1

Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





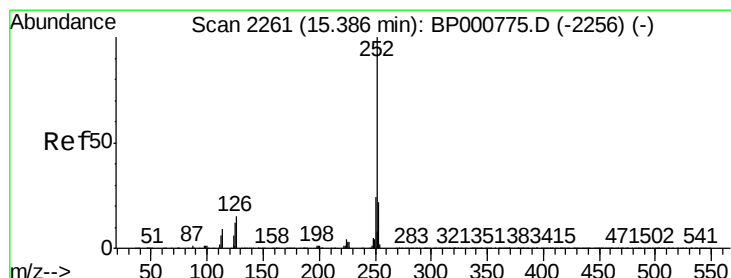
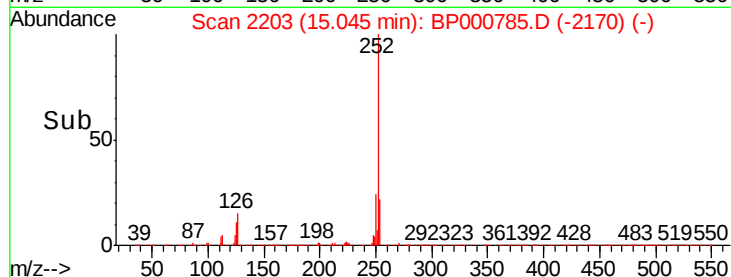
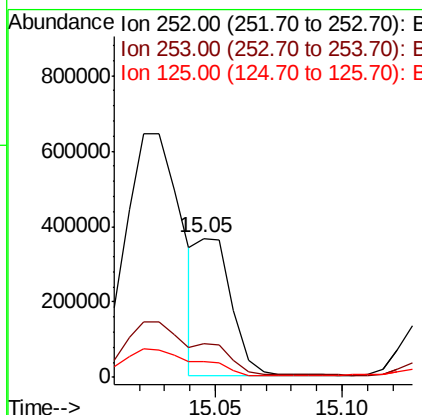
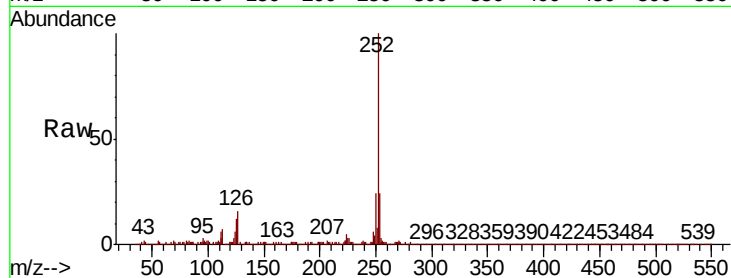
#89
Benzo(k)fluoranthene
Concen: 8.961 ng/ul
RT: 15.05 min Scan# 2203
Delta R.T. -0.01 min
Lab File: BP000785.D
Acq: 15 Oct 2019 23:00

Instrument :
BNA_P
ClientSampleId :
BEPF3

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.8	17.8	26.6
125	11.8	8.2	12.4

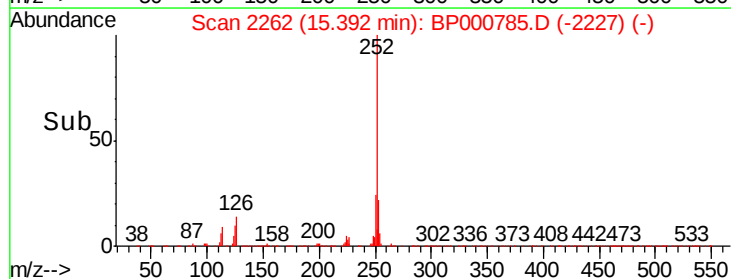
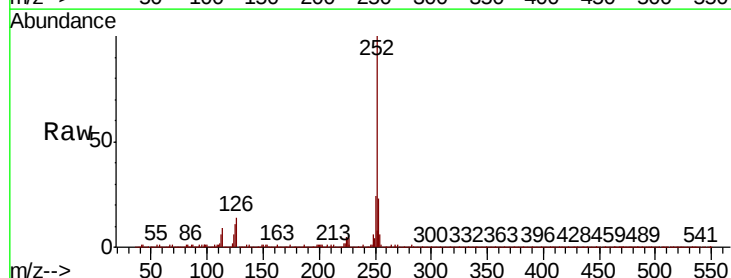
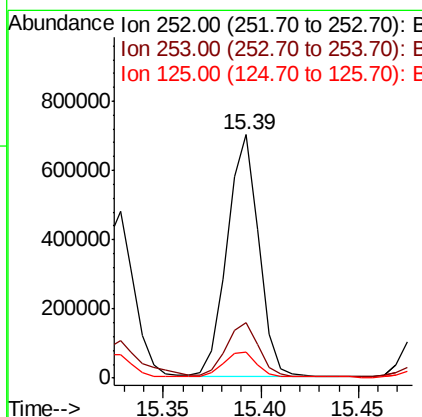
Manual Integrations
APPROVED

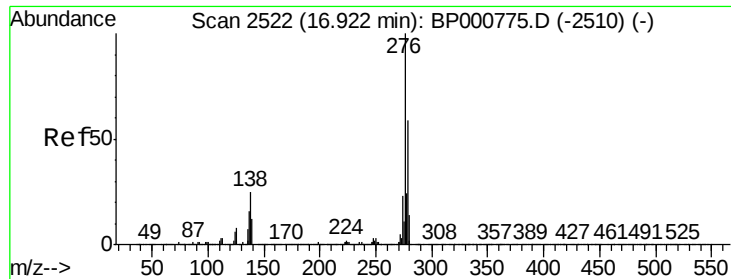
mohammad
10/17/2019 7:59:27 AM



#91
Benzo(a)pyrene
Concen: 21.268 ng/ul
RT: 15.39 min Scan# 2262
Delta R.T. 0.01 min
Lab File: BP000785.D
Acq: 15 Oct 2019 23:00

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.6	26.4
125	10.9	9.7	14.5





#92

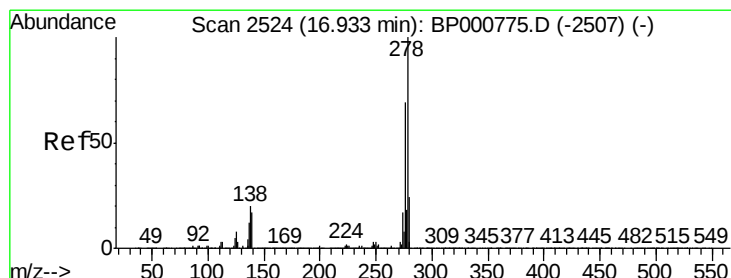
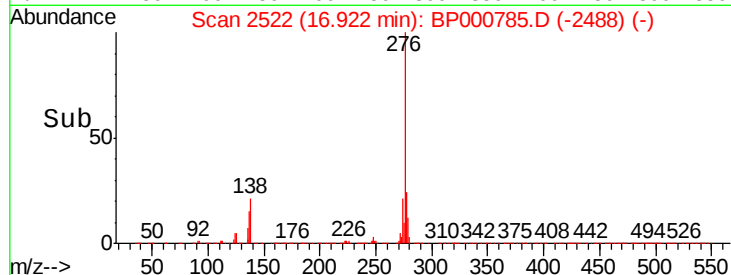
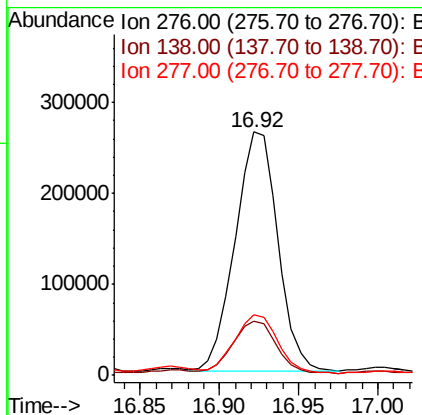
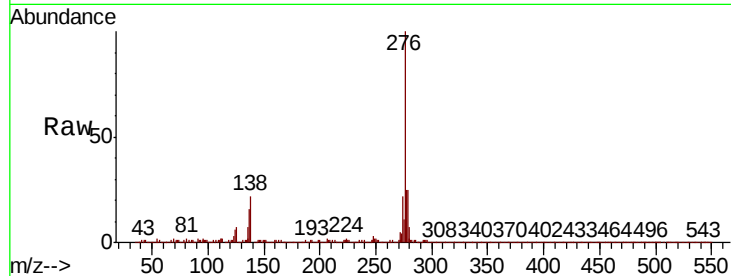
Indeno(1,2,3-cd)pyrene
Concen: 11.503 ng/ul
RT: 16.92 min Scan# 2522
Delta R.T. 0.00 min
Lab File: BP000785.D
Acq: 15 Oct 2019 23:00

Instrument :
BNA_P
ClientSampleId :
BEPF3

Tot Ion	Ratio	Lower	Upper
276	100		
138	22.4	20.0	30.0
277	25.1	19.8	29.8

Manual Integrations
APPROVED

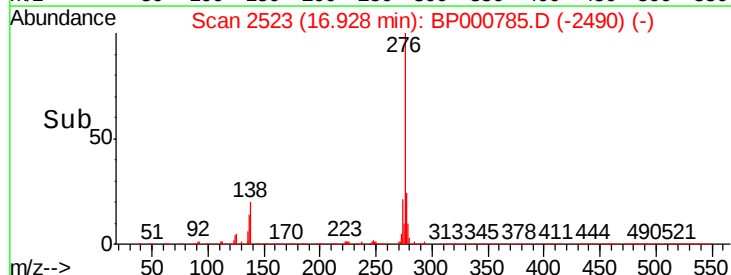
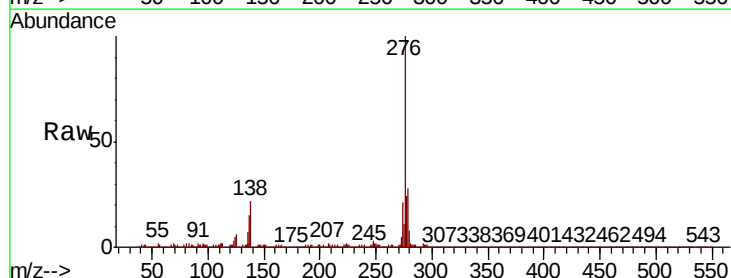
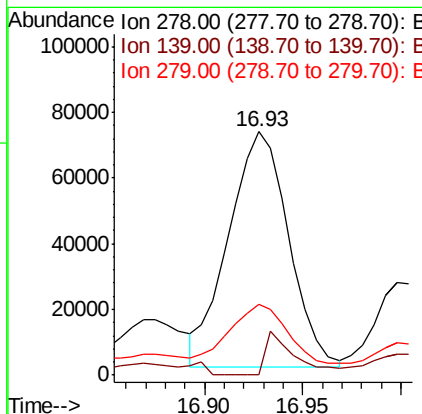
mohammad
10/17/2019 7:59:27 AM

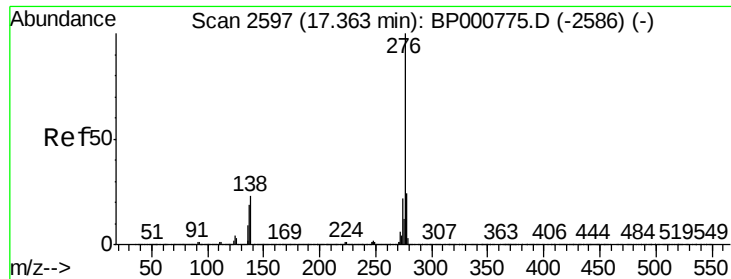


#93

Dibenzo(a,h)anthracene
Concen: 4.394 ng/ul m
RT: 16.93 min Scan# 2523
Delta R.T. -0.01 min
Lab File: BP000785.D
Acq: 15 Oct 2019 23:00

Tgt Ion	Ratio	Lower	Upper
278	100		
139	0.0	14.2	21.4#
279	28.9	19.2	28.8#





#94

Benzo(a,h,i)perylene

Concen: 14.612 ng/ul

RT: 17.36 min Scan# 2597

Delta R.T. 0.00 min

Lab File: BP000785.D

Acq: 15 Oct 2019 23:00

Instrument :

BNA_P

ClientSampleId :

BEPF3

Tot Ion:	276	Resp:	517489
Ion Ratio		Lower	Upper
276	100		
138	22.9	18.4	27.6
277	24.6	19.4	29.0

Manual Integrations
APPROVED

mohammad
10/17/2019 7:59:27 AM

