

Data File : BN011456.D
Acq On : 17 Aug 2020 18:41
Operator : CG/JU
Sample : L3611-09
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
DBFL4

Manual Integrations
APPROVED

mohammad
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Quant Time: Aug 21 04:54:18 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN081420MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Aug 18 04:25:59 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.43	152	163842	20.00	ng/ul	0.00
18) Naphthalene-d8	10.18	136	617401	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.07	164	366717	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.82	188	787077	20.00	ng/ul	0.00
78) Chrysene-d12	21.04	240	827168	20.00	ng/ul	0.00
86) Perylene-d12	23.15	264	830906	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.12	96	7343	2.15	ng/uL	0.00
5) Phenol-d5	6.64	99	133088	11.49	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.80	67	80595	13.65	ng/ul	0.00
9) 2-Chlorophenol-d4	6.98	132	122334	11.78	ng/ul	0.00
13) 4-Methylphenol-d8	8.15	113	91080	9.68	ng/ul	0.00
19) Nitrobenzene-d5	8.58	128	60239	12.59	ng/ul	0.00
22) 2-Nitrophenol-d4	9.29	143	66599	12.37	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.82	165	111687	10.98	ng/ul	0.00
29) 4-Chloroaniline-d4	10.33	131	107652	8.85	ng/ul	0.00
44) Dimethylphthalate-d6	13.49	166	395282	13.84	ng/ul	0.00
47) Acenaphthylene-d8	13.76	160	434370	12.64	ng/ul	0.00
52) 4-Nitrophenol-d4	14.30	143	41284m	8.53	ng/ul	0.00
58) Fluorene-d10	15.07	176	332134	13.29	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.21	200	45448	8.71	ng/ul	0.00
71) Anthracene-d10	16.92	188	472871	12.58	ng/ul	0.00
79) Pyrene-d10	19.23	212	553793	13.03	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.02	264	576957	12.50	ng/ul	0.00

Target Compounds

					Qvalue	
45) Dimethylphthalate	13.54	163	97631	3.331	ng/ul#	96
70) Phenanthrene	16.86	178	132469	2.838	ng/ul	98
77) Fluoranthene	18.89	202	281853	4.934	ng/ul	100
80) Pyrene	19.26	202	239625	4.117	ng/ul#	96
83) Benzo(a)anthracene	21.03	228	150252	2.730	ng/ul	96
84) Bis(2-ethylhexyl)phthalate	20.99	149	31360	1.059	ng/ul	95
85) Chrysene	21.08	228	151532	2.772	ng/ul	98
88) Benzo(b)fluoranthene	22.54	252	211969	3.649	ng/ul	99
91) Benzo(a)pyrene	23.06	252	127282	2.378	ng/ul#	91
92) Indeno(1,2,3-cd)pyrene	25.20	276	93656	1.365	ng/ul	98
94) Benzo(g,h,i)perylene	25.82	276	77538	1.363	ng/ul	97

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

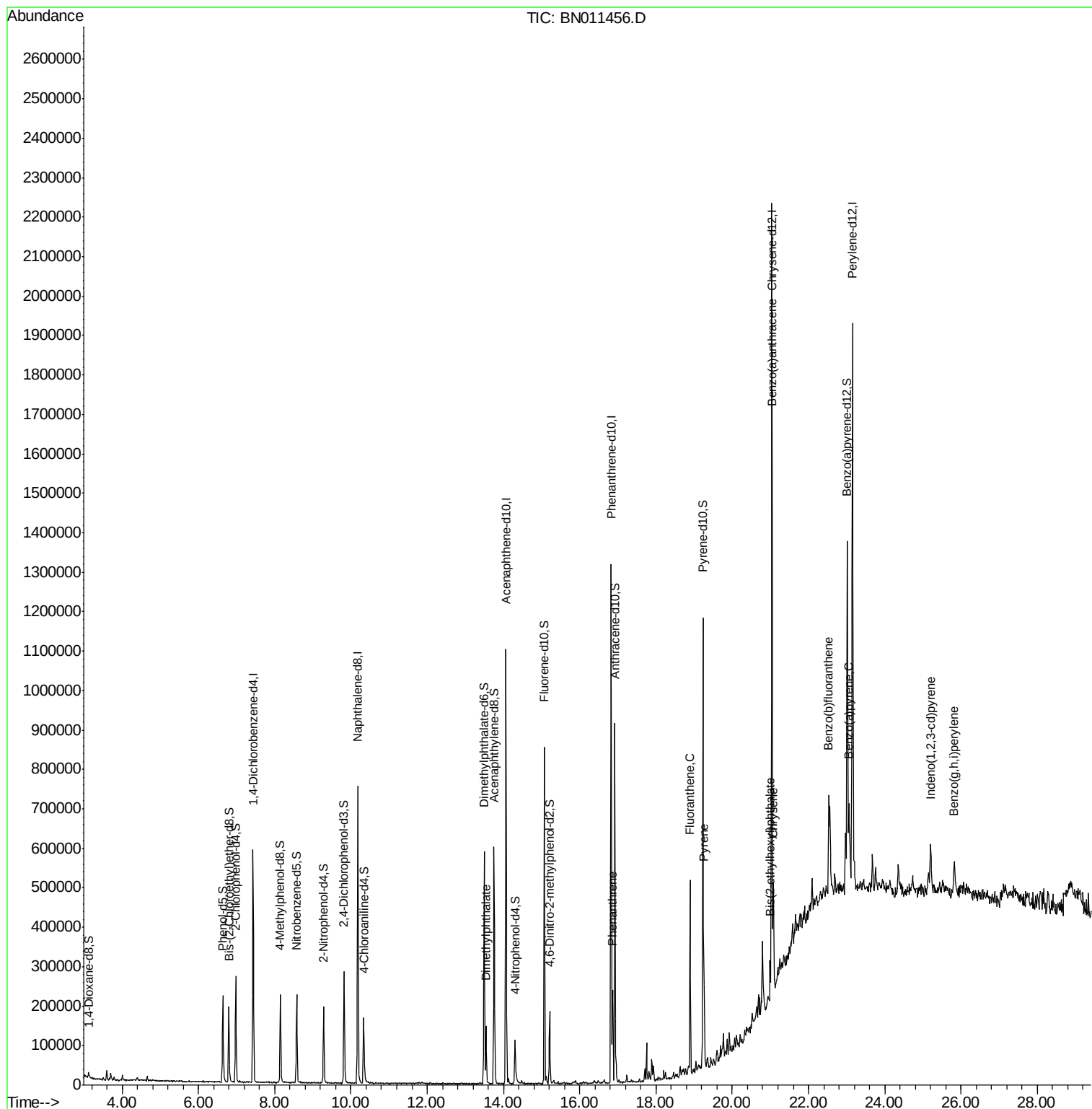
Data File : BN011456.D
Acq On : 17 Aug 2020 18:41
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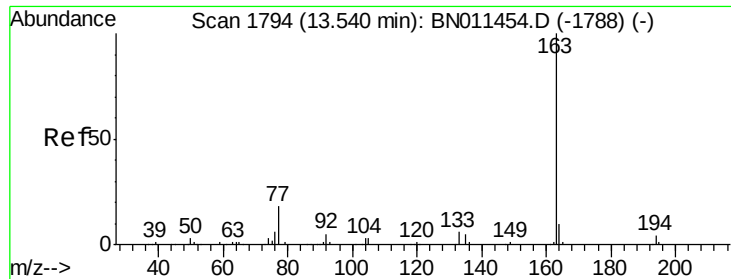
Instrument :
BNA_N
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DBFL4

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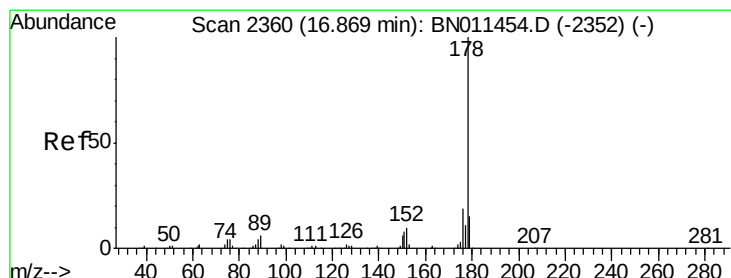
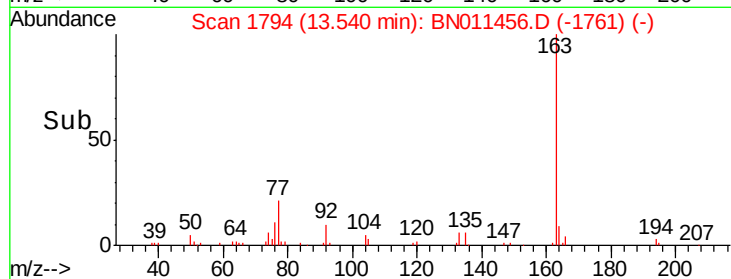
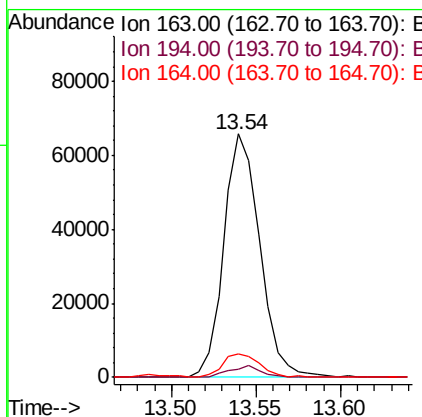
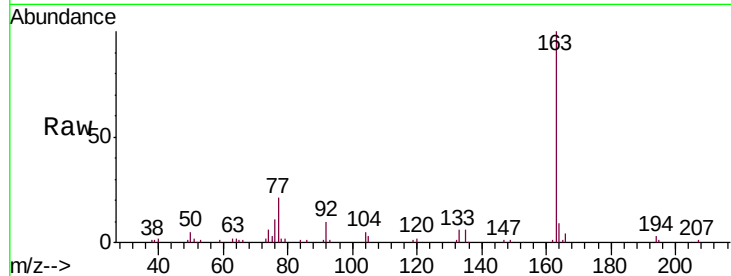
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Dimethylphthalate
Concen: 3.331 ng/ul
RT: 13.54 min Scan# 1794
Delta R.T. -0.01 min
Lab File: BN011456.D
Acq: 17 Aug 2020 18:41

Instrument :
BNA_N
ClientSampleId :
DBFL4

Tgt Ion	Ratio	Resp	Lower	Upper
163	100	97631		
194	3.4		3.8	5.6#
164	9.5		8.7	13.1

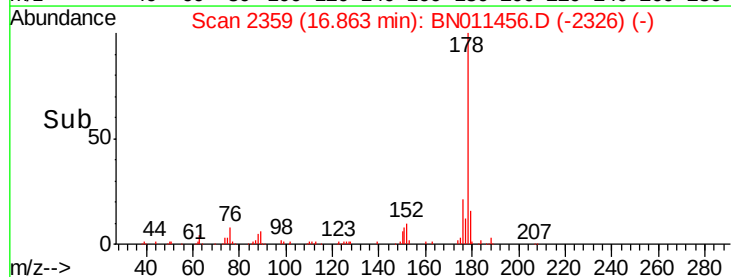
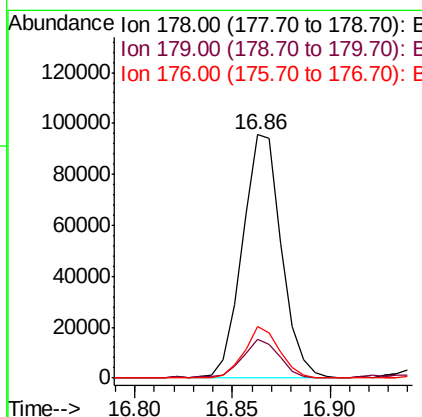
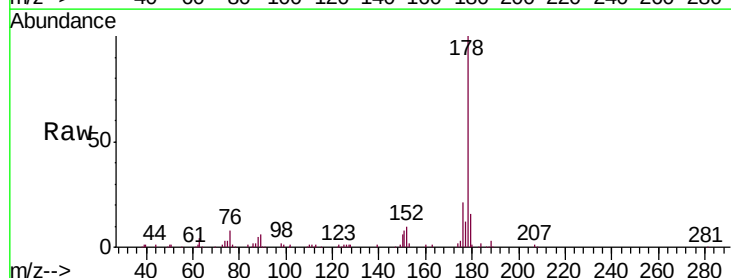
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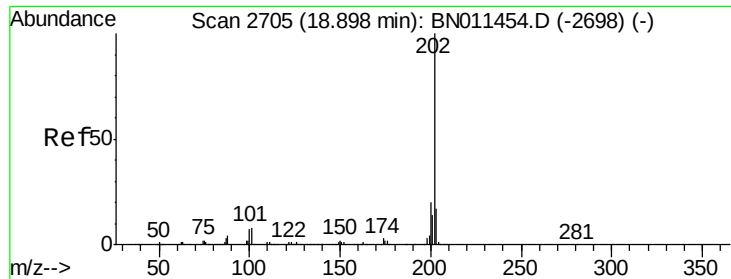
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#70
Phenanthrene
Concen: 2.838 ng/ul
RT: 16.86 min Scan# 2359
Delta R.T. -0.01 min
Lab File: BN011456.D
Acq: 17 Aug 2020 18:41

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	132469		
179	16.0		13.1	19.7
176	21.0		15.7	23.5





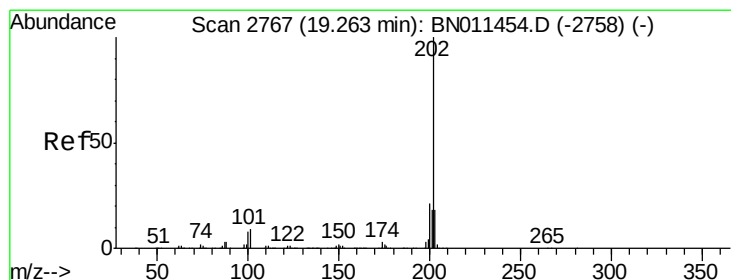
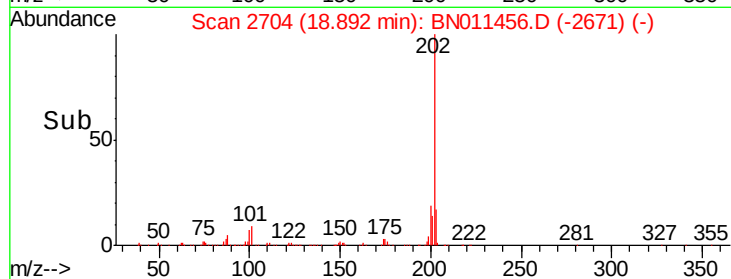
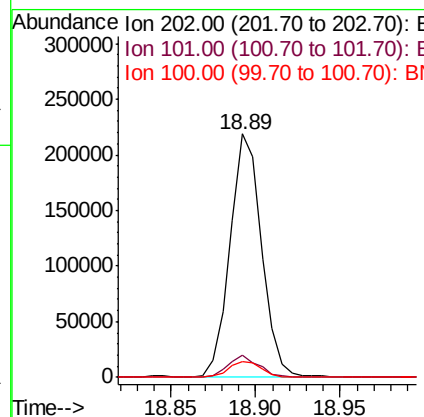
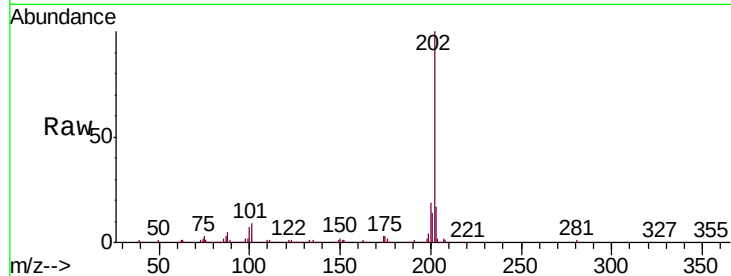
#77
Fluoranthene
 Concen: 4.934 ng/ul
 RT: 18.89 min Scan# 2704
 Delta R.T. -0.01 min
 Lab File: BN011456.D
 Acq: 17 Aug 2020 18:41

Instrument :
 BNA_N
 ClientSampleId :
 DBFL4

Tgt	Ion	Ratio	Resp	Lower	Upper
202	100				
101	9.2	7.3	10.9		
100	6.5	5.2	7.8		

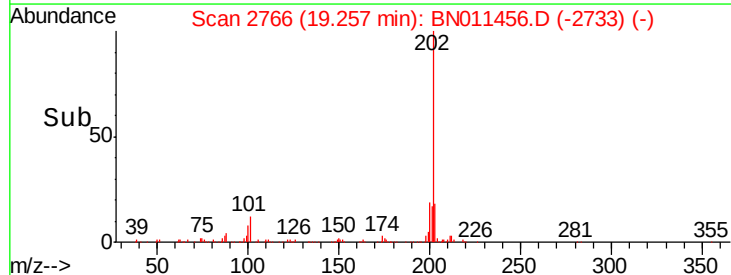
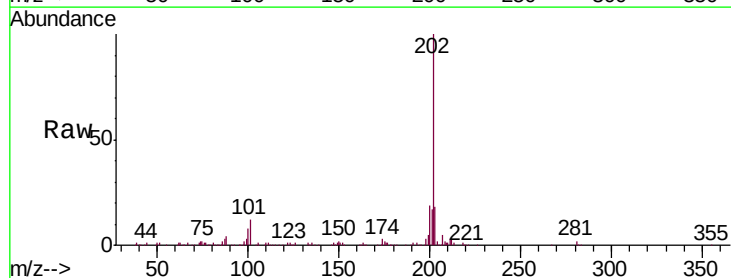
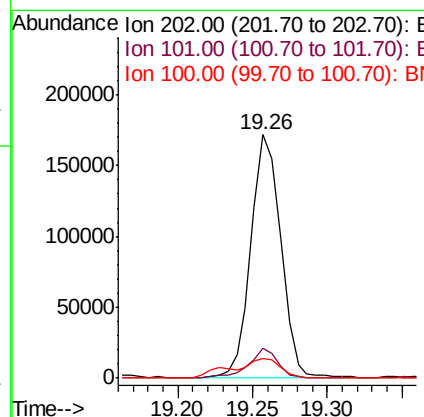
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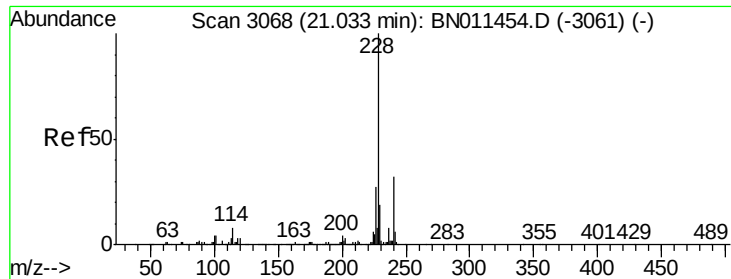
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#80
Pyrene
 Concen: 4.117 ng/ul
 RT: 19.26 min Scan# 2766
 Delta R.T. -0.01 min
 Lab File: BN011456.D
 Acq: 17 Aug 2020 18:41

Tgt	Ion	Ratio	Resp	Lower	Upper
202	100				
101	12.3	7.8	11.8#		
100	8.3	6.5	9.7		





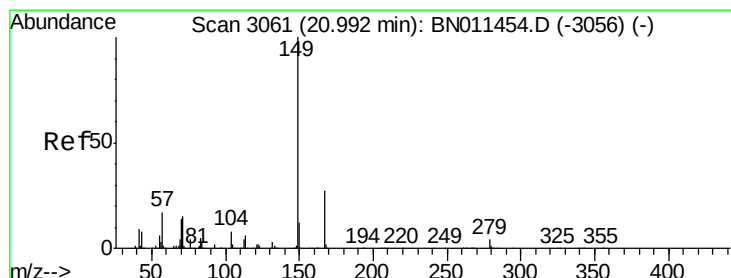
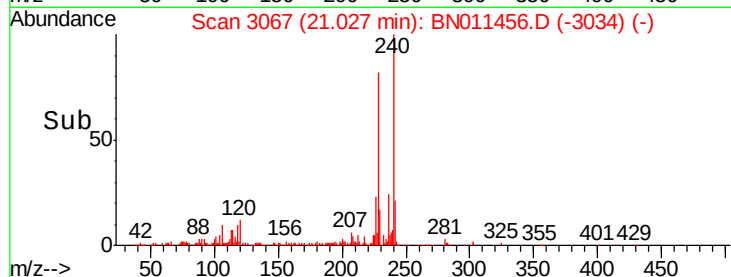
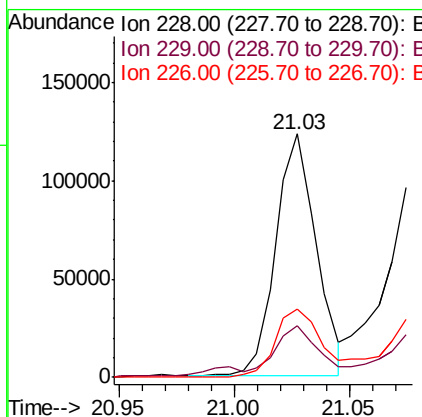
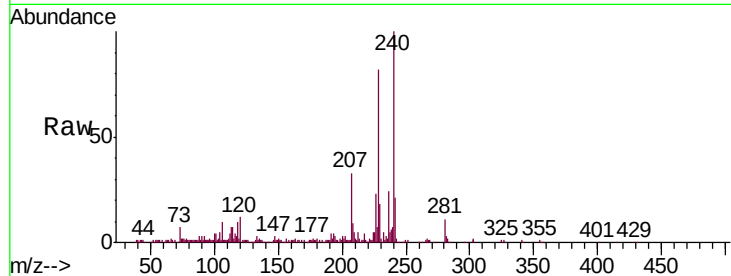
#83
 Benzo(a)anthracene
 Concen: 2.730 ng/ul
 RT: 21.03 min Scan# 3067
 Delta R.T. -0.01 min
 Lab File: BN011456.D
 Acq: 17 Aug 2020 18:41

Instrument :
 BNA_N
 ClientSampleId :
 DBFL4

Tgt Ion:	228	Resp:	150252
Ion Ratio	Lower	Upper	
228	100		
229	21.3	15.0	22.4
226	28.1	21.5	32.3

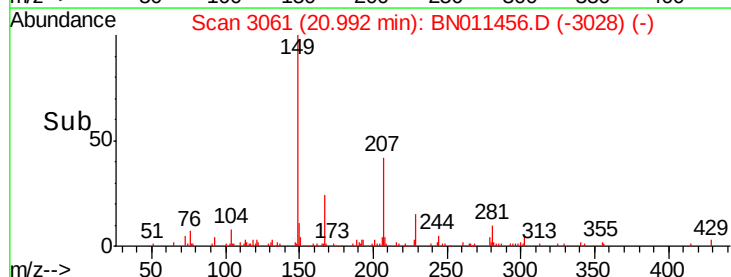
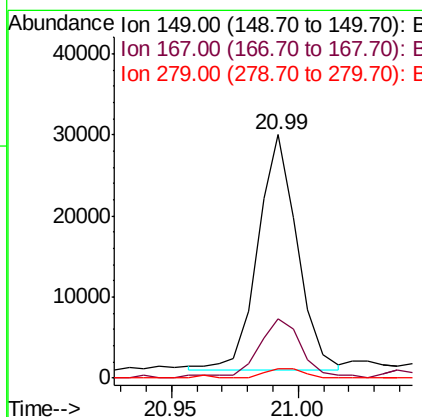
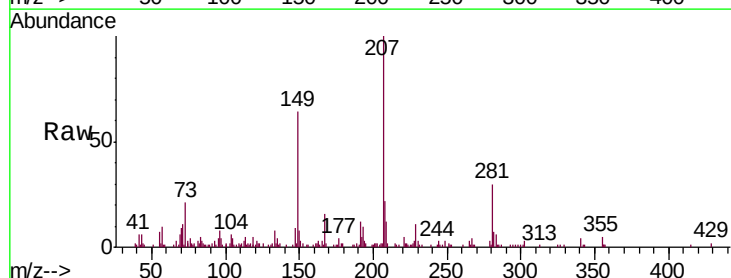
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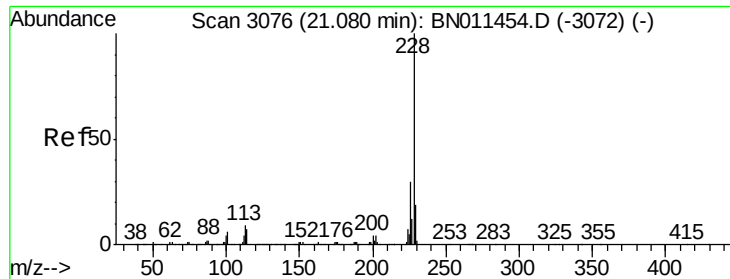
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#84
 Bis(2-ethylhexyl)phthalate
 Concen: 1.059 ng/ul
 RT: 20.99 min Scan# 3061
 Delta R.T. -0.01 min
 Lab File: BN011456.D
 Acq: 17 Aug 2020 18:41

Tgt Ion:	149	Resp:	31360
Ion Ratio	Lower	Upper	
149	100		
167	24.5	21.8	32.6
279	4.0	3.3	4.9





#85

Chrysene

Concen: 2.772 ng/ul

RT: 21.08 min Scan# 3076

Delta R.T. 0.00 min

Lab File: BN011456.D

Acq: 17 Aug 2020 18:41

Instrument :

BNA_N

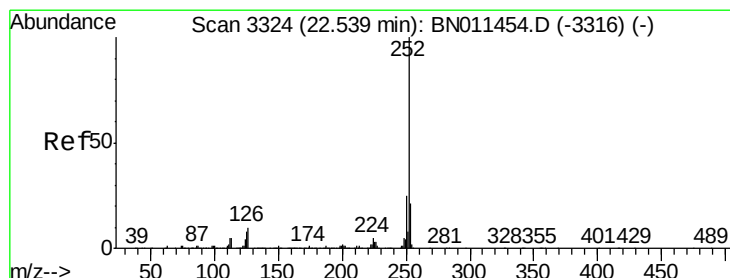
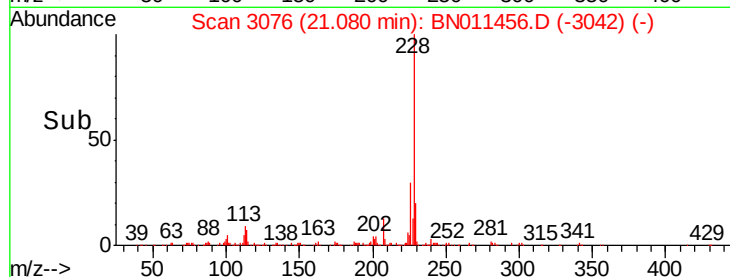
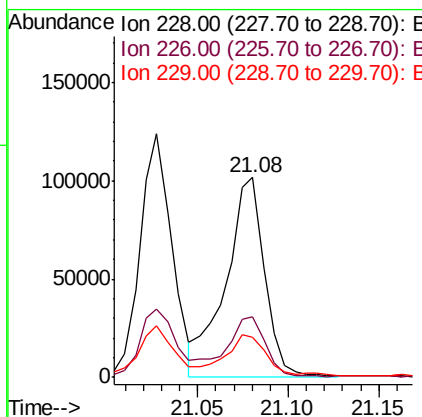
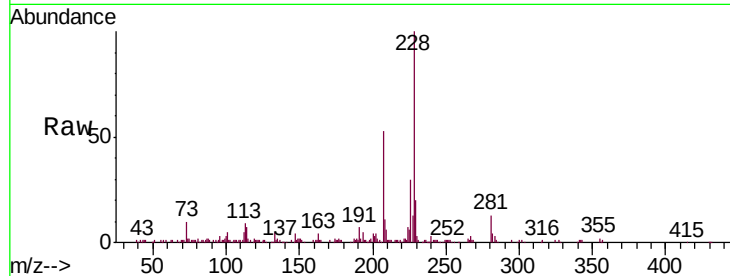
ClientSampleId :

DBFL4

Tgt Ion:	228	Resp:	151532
Ion Ratio	Lower	Upper	
228	100		
226	30.5	23.5	35.3
229	20.0	15.0	22.6

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#88

Benzo(b)fluoranthene

Concen: 3.649 ng/ul

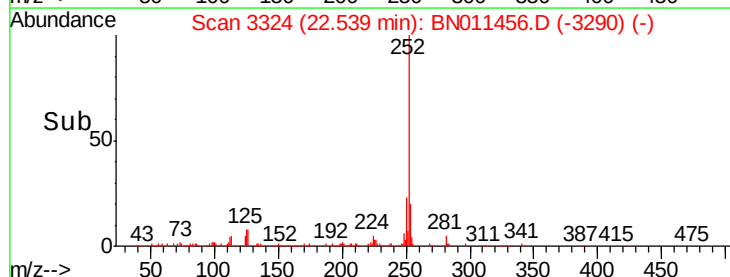
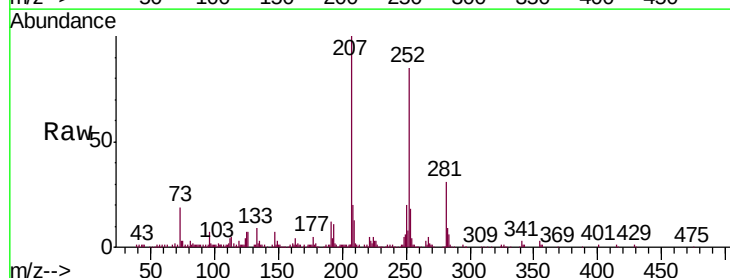
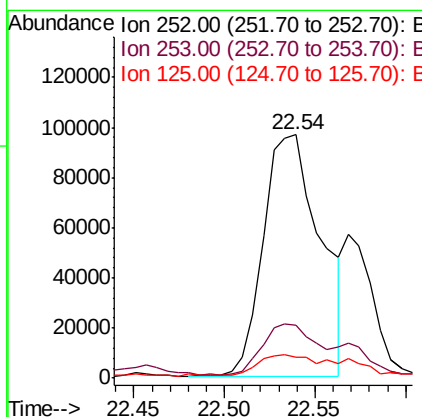
RT: 22.54 min Scan# 3324

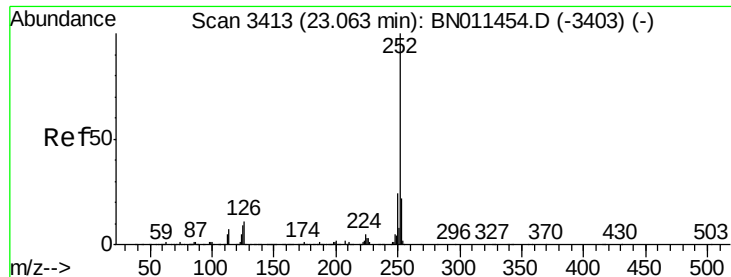
Delta R.T. 0.00 min

Lab File: BN011456.D

Acq: 17 Aug 2020 18:41

Tgt Ion:	252	Resp:	211969
Ion Ratio	Lower	Upper	
252	100		
253	21.5	17.2	25.8
125	8.8	6.6	9.8





#91

Benzo(a)pyrene

Concen: 2.378 ng/ul

RT: 23.06 min Scan# 3412

Delta R.T. -0.01 min

Lab File: BN011456.D

Acq: 17 Aug 2020 18:41

Instrument :

BNA_N

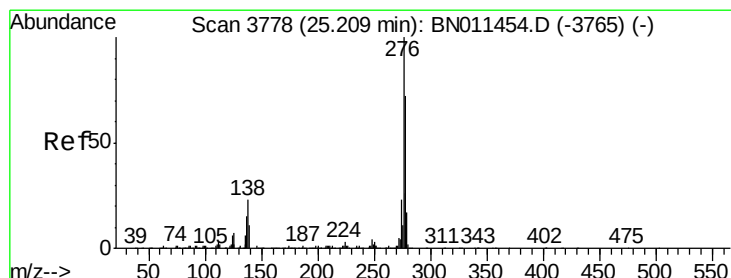
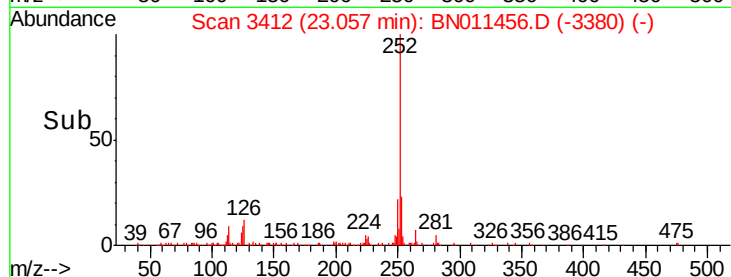
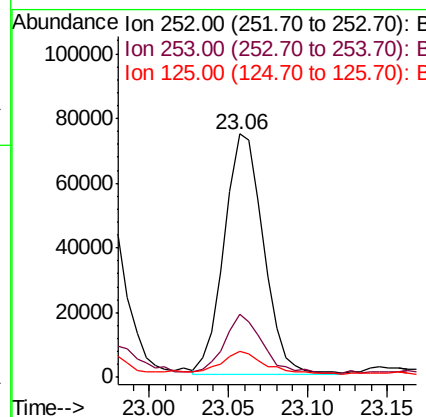
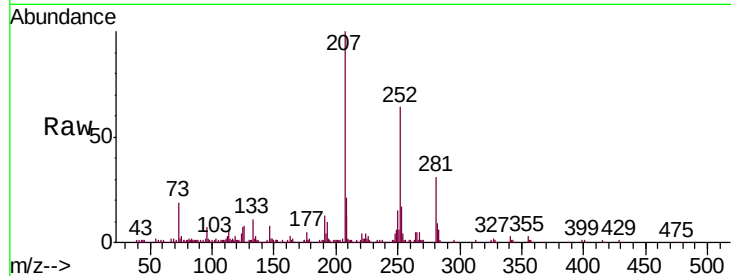
ClientSampled :

DBFL4

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	127282		
253	25.9	16.6	25.0#	
125	10.4	7.1	10.7	

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#92

Indeno(1,2,3-cd)pyrene

Concen: 1.365 ng/ul

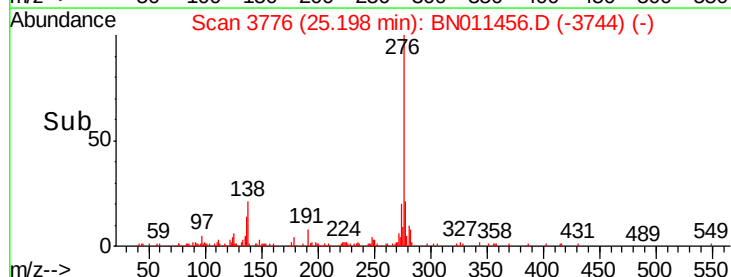
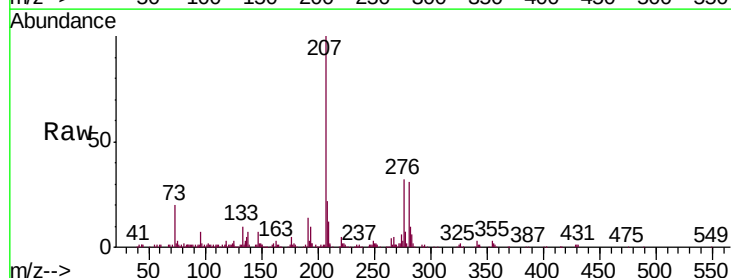
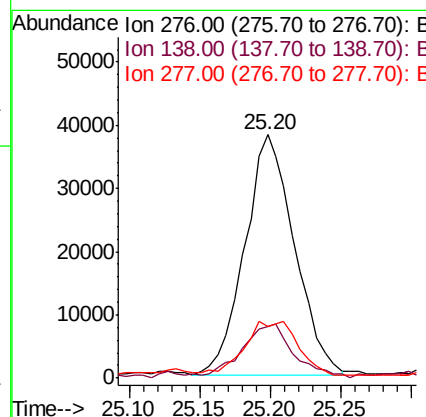
RT: 25.20 min Scan# 3776

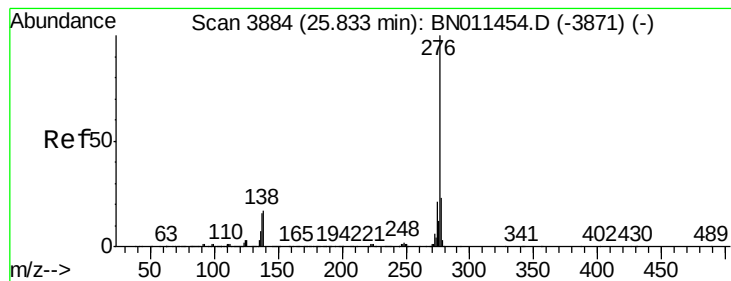
Delta R.T. -0.01 min

Lab File: BN011456.D

Acq: 17 Aug 2020 18:41

Tgt Ion	Ratio	Resp	Lower	Upper
276	100	93656		
138	21.4	17.0	25.4	
277	21.1	18.1	27.1	





#94

Benzo(g,h,i)perylene

Concen: 1.363 ng/ul

RT: 25.82 min Scan# 3882

Delta R.T. -0.01 min

Lab File: BN011456.D

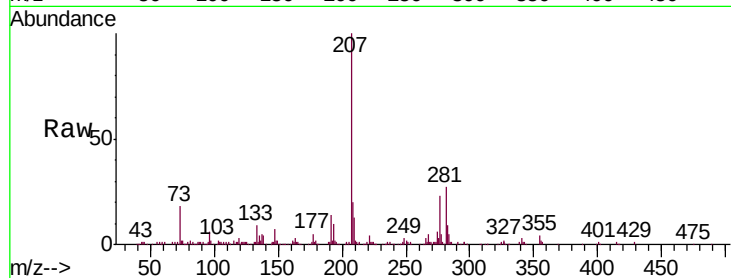
Acq: 17 Aug 2020 18:41

Instrument :

BNA_N

ClientSampleId :

DBFL4



Tgt Ion	Ratio	Lower	Upper
276	100		
138	19.7	15.3	22.9
277	22.4	16.2	24.4

Manual Integrations
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