

Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN021919\
 Data File : BN004458.D
 Acq On : 19 Feb 2019 14:04
 Operator : JU/SJ
 Sample : K1455-01 5X
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BE801

Manual Integrations
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Quant Time: Feb 26 17:06:21 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN020719MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Feb 19 14:16:20 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.74	152	25585	20.00	ng/ul	0.00
18) Naphthalene-d8	10.53	136	123359	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.38	164	80333	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.13	188	195520	20.00	ng/ul	0.00
78) Chrysene-d12	21.33	240	278191	20.00	ng/ul	0.00
86) Perylene-d12	23.61	264	353229	20.00	ng/ul	0.01

System Monitoring Compounds

3) 1,4-Dioxane-d8	0.00	96	0	0.00	ng/uL	
5) Phenol-d5	6.90	99	9126	4.00	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.08	67	4803	4.20	ng/ul	0.00
9) 2-Chlorophenol-d4	7.27	132	7821	4.23	ng/ul	0.00
13) 4-Methylphenol-d8	8.43	113	8073	4.12	ng/ul	0.00
19) Nitrobenzene-d5	8.90	128	3922	4.80	ng/ul	0.00
22) 2-Nitrophenol-d4	9.62	143	3521	4.13	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.15	165	8686	4.49	ng/ul	0.00
29) 4-Chloroaniline-d4	10.67	131	16221m	7.59	ng/ul	0.00
44) Dimethylphthalate-d6	13.79	166	33731	4.95	ng/ul	0.00
47) Acenaphthylene-d8	14.07	160	41090	5.09	ng/ul	0.00
52) 4-Nitrophenol-d4	14.57	143	2464	1.89	ng/ul	0.00
58) Fluorene-d10	15.37	176	35216	5.87	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.49	200	1256	1.10	ng/ul	0.00
71) Anthracene-d10	17.23	188	53955	5.76	ng/ul	0.00
79) Pyrene-d10	19.53	212	65870	5.28	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.46	264	100446	5.42	ng/ul	0.00

Target Compounds

					Ovalue	
28) Naphthalene	10.58	128	68607	10.787	ng/ul	98
34) 2-Methylnaphthalene	12.19	142	9862	2.021	ng/ul	100
59) Fluorene	15.43	166	7805	1.206	ng/ul#	93
70) Phenanthrene	17.17	178	60365	5.565	ng/ul	98
72) Anthracene	17.26	178	556158	50.923	ng/ul	100
76) Di-n-butylphthalate	18.09	149	22042	2.058	ng/ul#	95
77) Fluoranthene	19.19	202	109483	8.198	ng/ul	99
80) Pyrene	19.56	202	95087	6.181	ng/ul	98
83) Benzo(a)anthracene	21.32	228	58482	3.411	ng/ul#	93
84) Bis(2-ethylhexyl)phthalate	21.24	149	250953	31.671	ng/ul	100
85) Chrysene	21.37	228	66083	4.060	ng/ul#	95
87) Di-n-octyl phthalate	22.13	149	40655	2.404	ng/ul	100
88) Benzo(b)fluoranthene	22.92	252	90050	4.305	ng/ul#	88
89) Benzo(k)fluoranthene	22.96	252	28844	1.418	ng/ul#	81
91) Benzo(a)pyrene	23.50	252	43937	2.152	ng/ul#	84
92) Indeno(1,2,3-cd)pyrene	25.89	276	40196	1.551	ng/ul	95
94) Benzo(g,h,i)perylene	26.60	276	36299	1.671	ng/ul	96

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

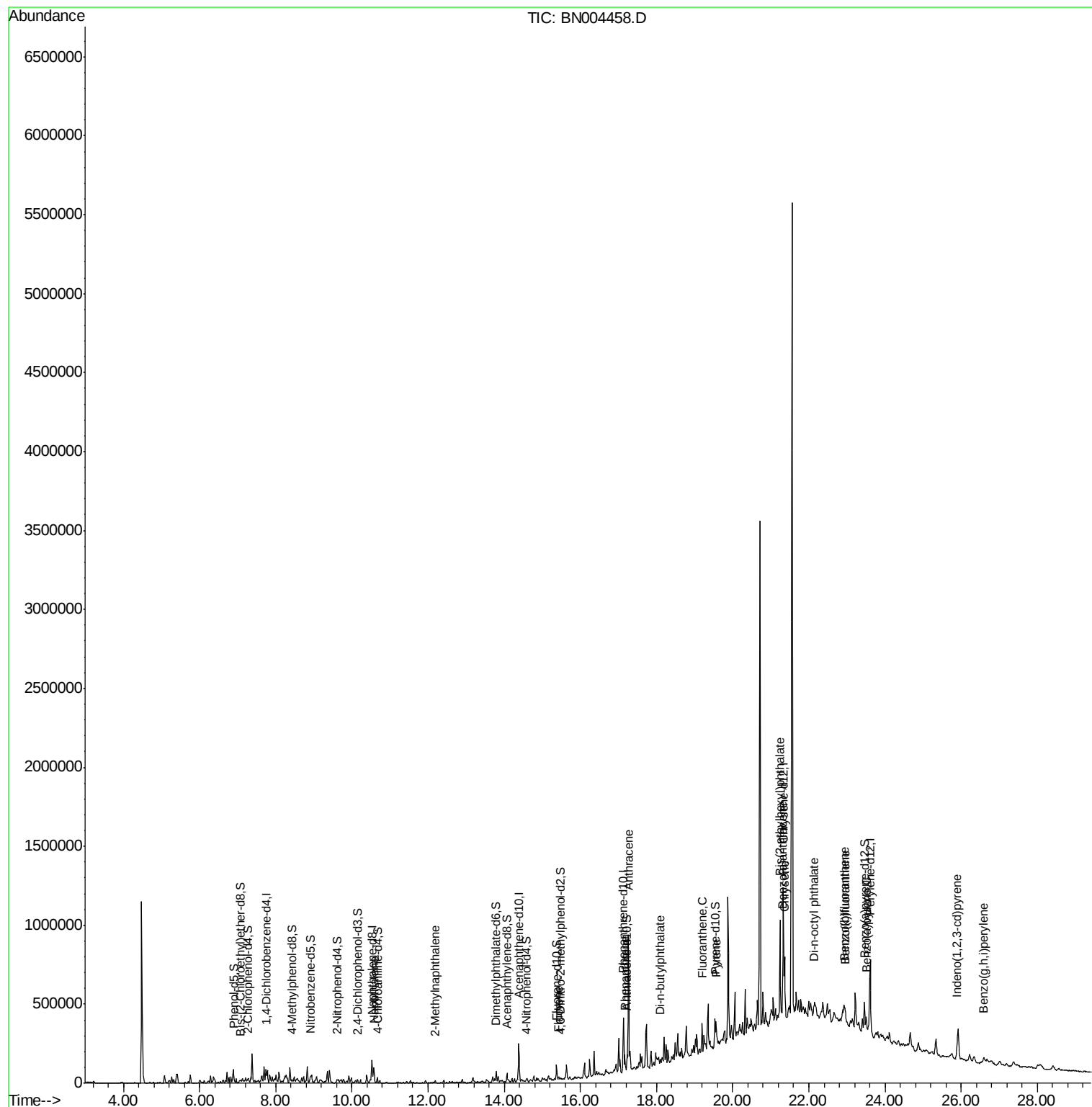
Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN021919\
Data File : BN004458.D
Acq On : 19 Feb 2019 14:04
Operator : JU/SJ
Sample : K1455-01 5X
Misc :
ALS Vial : 7 Sample Multiplier: 1

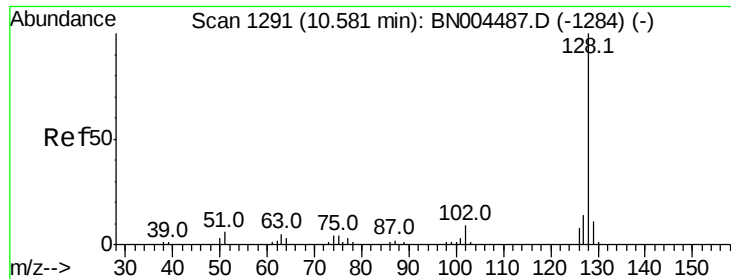
Instrument :
BNA_N
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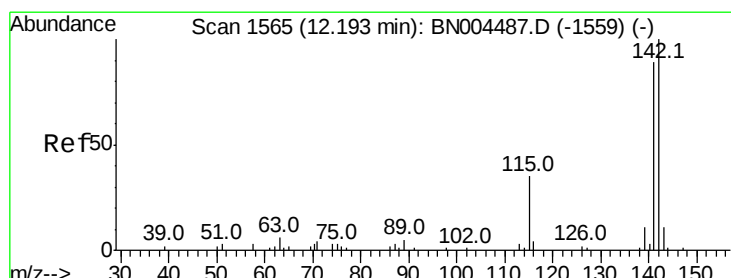
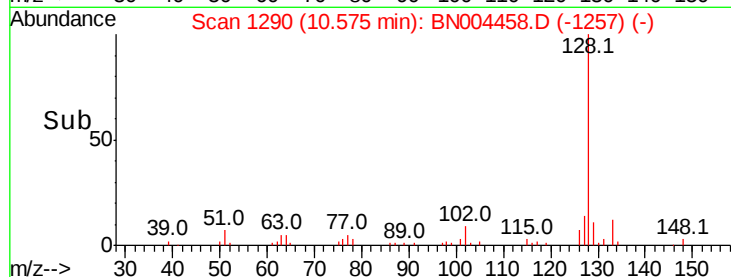
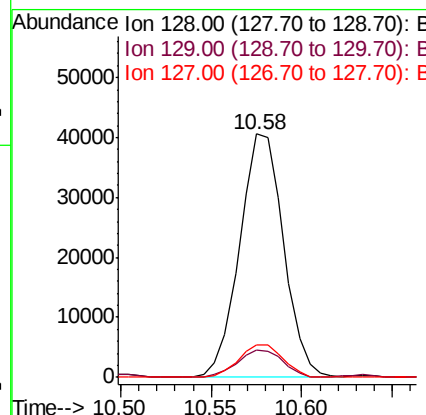
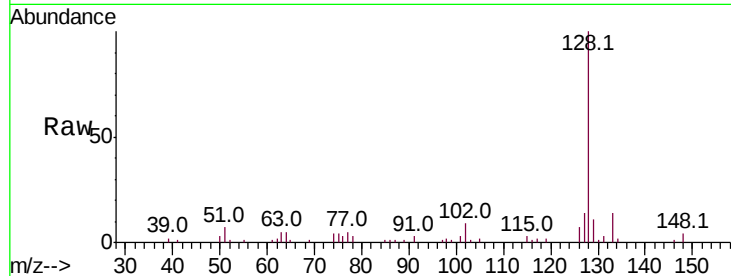
#28
Naphthalene
Concen: 10.787 ng/ul
RT: 10.58 min Scan# 1290
Delta R.T. -0.01 min
Lab File: BN004458.D
Acq: 19 Feb 2019 14:04

Instrument :
BNA_N
ClientSampled :
BE801

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.4	8.7	13.1
127	13.6	10.2	15.4

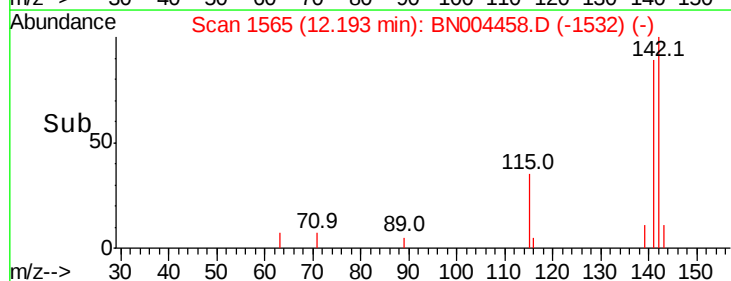
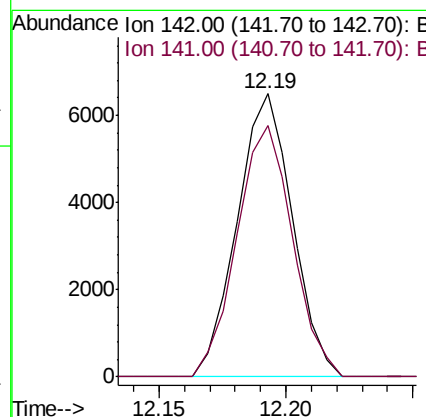
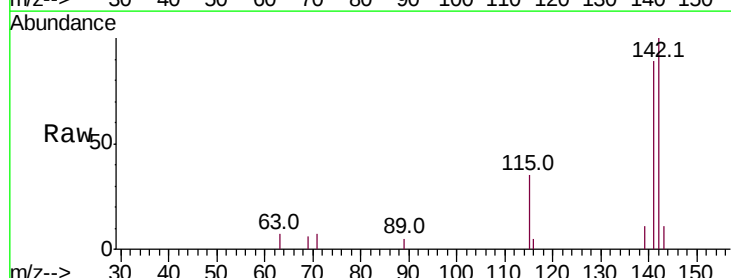
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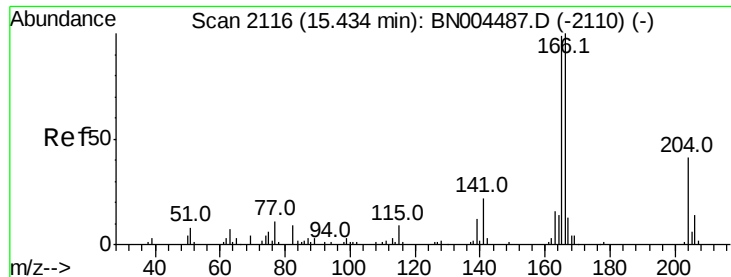
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#34
2-Methylnaphthalene
Concen: 2.021 ng/ul
RT: 12.19 min Scan# 1565
Delta R.T. -0.01 min
Lab File: BN004458.D
Acq: 19 Feb 2019 14:04

Tgt Ion	Ratio	Lower	Upper
142	100		
141	88.6	71.0	106.6





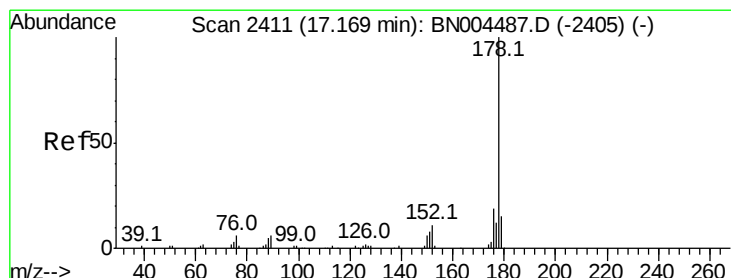
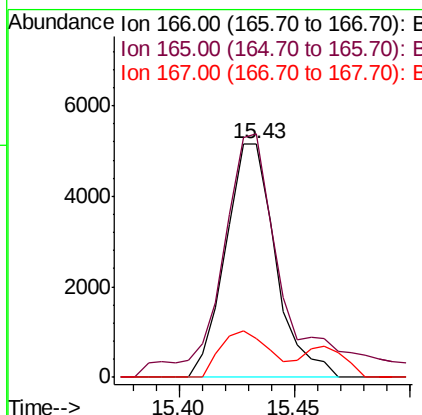
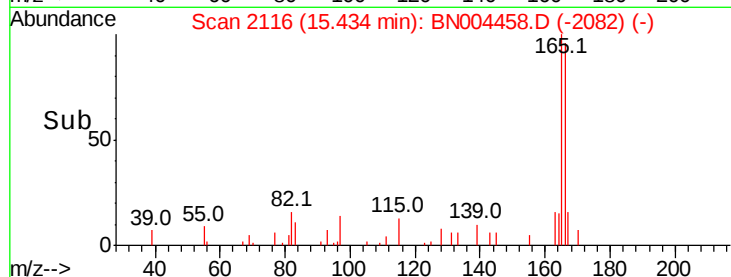
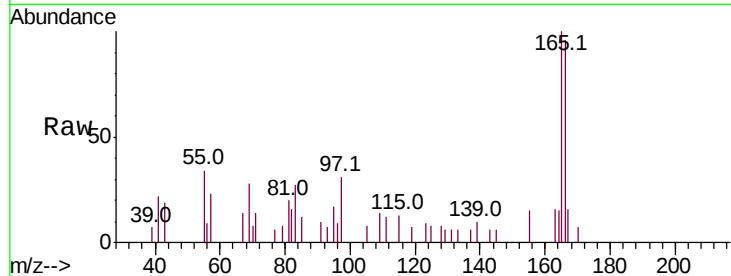
#59
Fluorene
 Concen: 1.206 ng/ul
 RT: 15.43 min Scan# 2116
 Delta R.T. 0.00 min
 Lab File: BN004458.D
 Acq: 19 Feb 2019 14:04

Instrument :
 BNA_N
 ClientSampled :
 BE801

Tot Ion	Ratio	Lower	Upper
166	100		
165	104.3	78.0	117.0
167	16.9	10.8	16.2

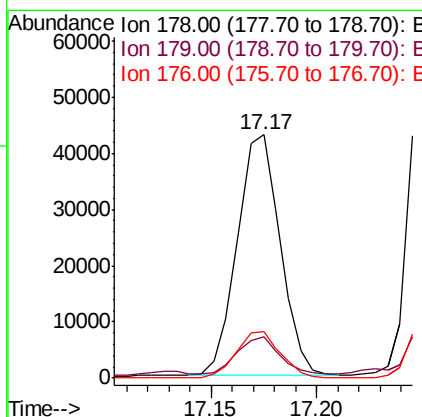
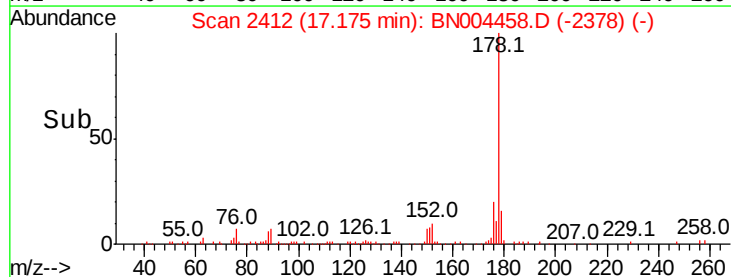
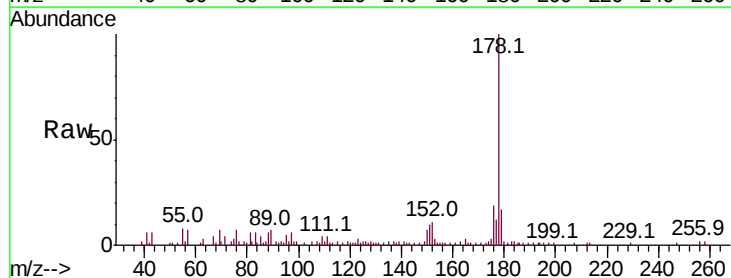
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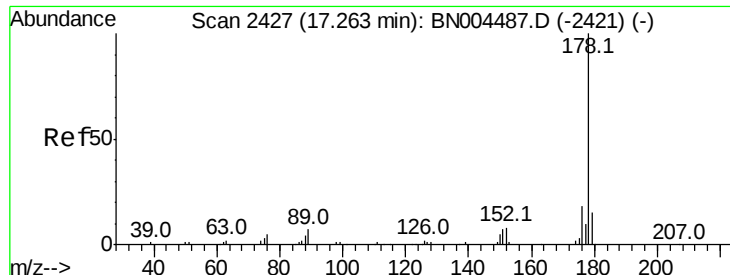
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#70
Phenanthrene
 Concen: 5.565 ng/ul
 RT: 17.17 min Scan# 2412
 Delta R.T. 0.00 min
 Lab File: BN004458.D
 Acq: 19 Feb 2019 14:04

Tgt Ion	Ratio	Lower	Upper
178	100		
179	17.0	12.3	18.5
176	19.4	15.4	23.0





#72

Anthracene

Concen: 50.923 ng/ul

RT: 17.26 min Scan# 2427

Delta R.T. -0.01 min

Lab File: BN004458.D

Acq: 19 Feb 2019 14:04

Instrument :

BNA_N

ClientSampled :

BE801

Tot Ion:178 Resp: 556158

Ion Ratio Lower Upper

178 100

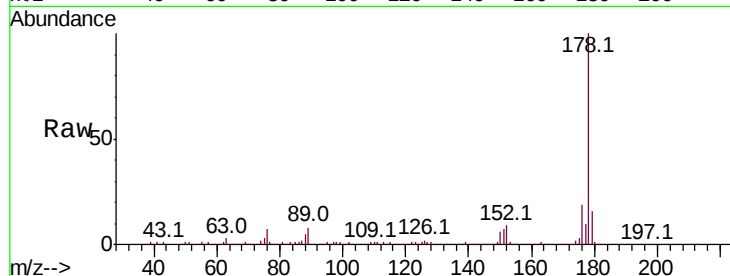
179 15.7 12.2 18.4

176 18.6 14.9 22.3

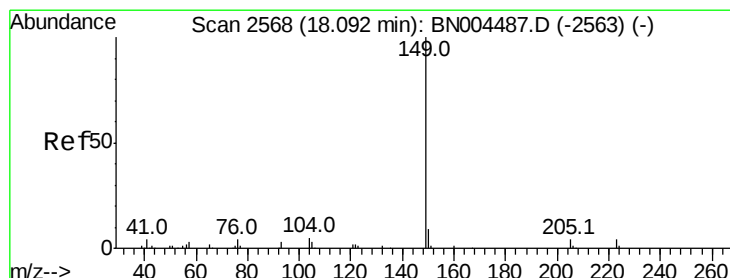
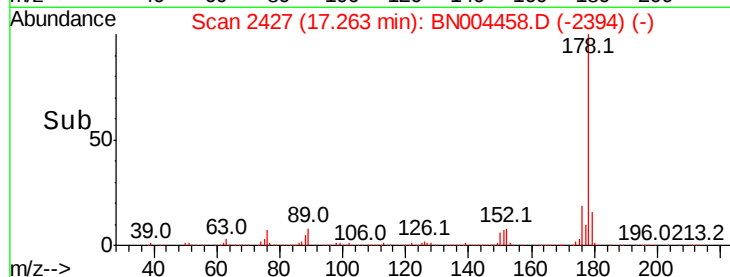
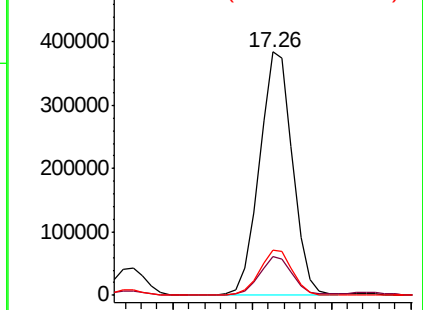
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Abundance Ion 178.00 (177.70 to 178.70): E
Ion 179.00 (178.70 to 179.70): E
Ion 176.00 (175.70 to 176.70): E



#76

Di-n-butylphthalate

Concen: 2.058 ng/ul

RT: 18.09 min Scan# 2568

Delta R.T. -0.01 min

Lab File: BN004458.D

Acq: 19 Feb 2019 14:04

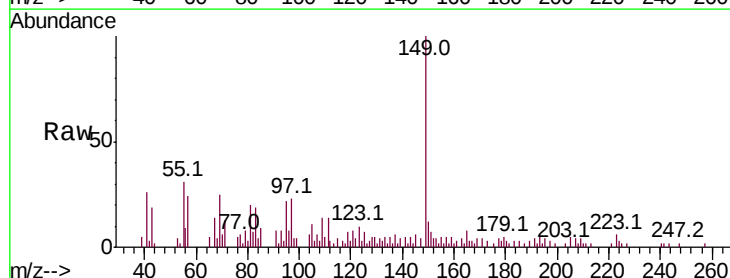
Tgt Ion:149 Resp: 22042

Ion Ratio Lower Upper

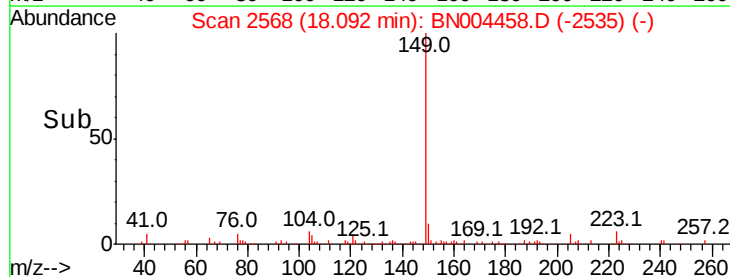
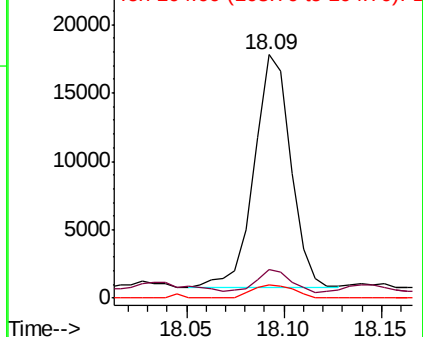
149 100

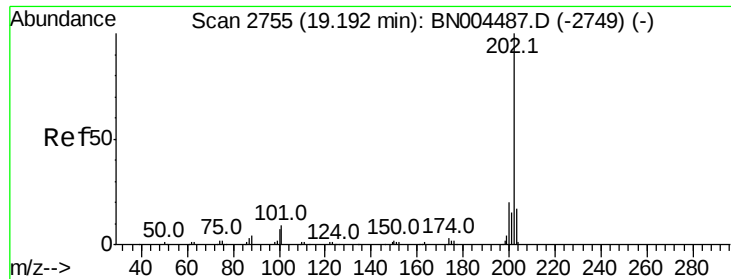
150 11.6 7.4 11.0#

104 5.6 3.7 5.5#



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 104.00 (103.70 to 104.70): E





#77

Fluoranthene

Concen: 8.198 ng/ul

RT: 19.19 min Scan# 2755

Delta R.T. 0.00 min

Lab File: BN004458.D

Acq: 19 Feb 2019 14:04

Instrument :

BNA_N

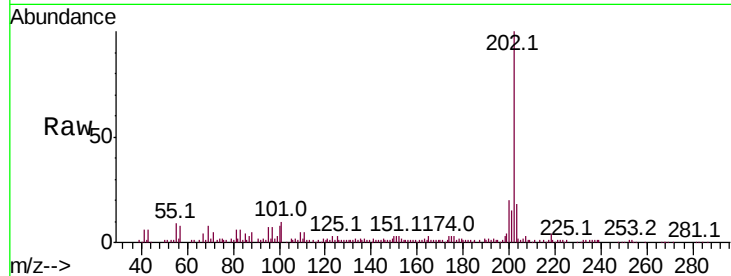
ClientSampled :

BE801

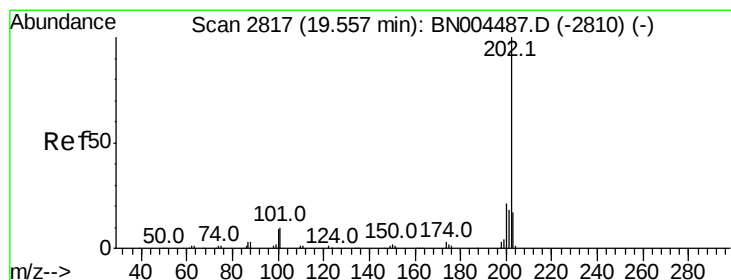
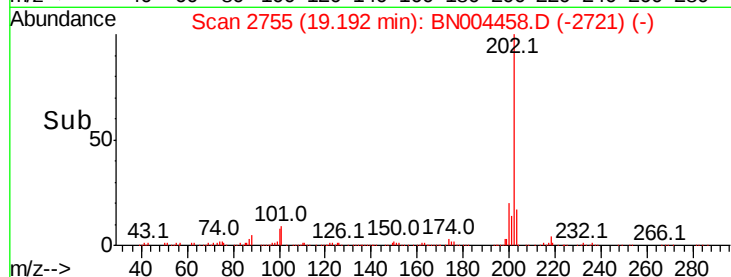
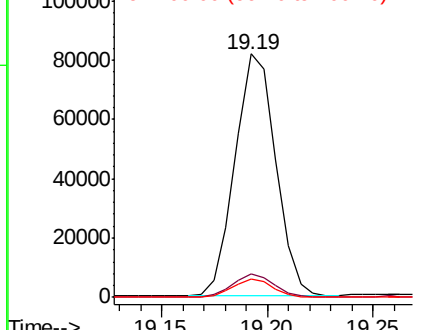
Tot Ion:	202	Resp:	109483
Ion Ratio	Lower	Upper	
202	100		
101	9.8	8.2	12.4
100	7.7	6.6	9.8

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Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 100.00 (99.70 to 100.70): B



#80

Pyrene

Concen: 6.181 ng/ul

RT: 19.56 min Scan# 2818

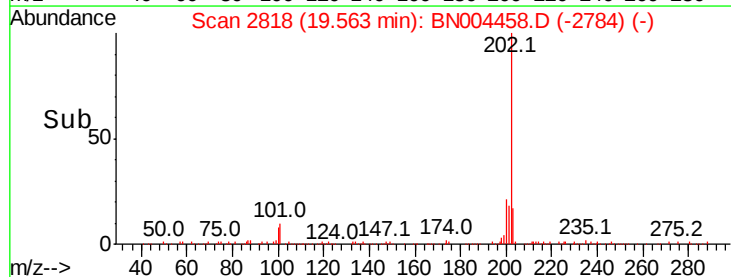
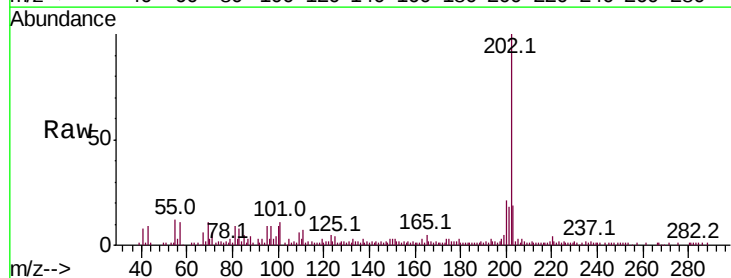
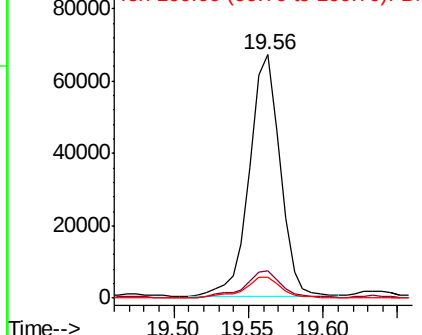
Delta R.T. 0.00 min

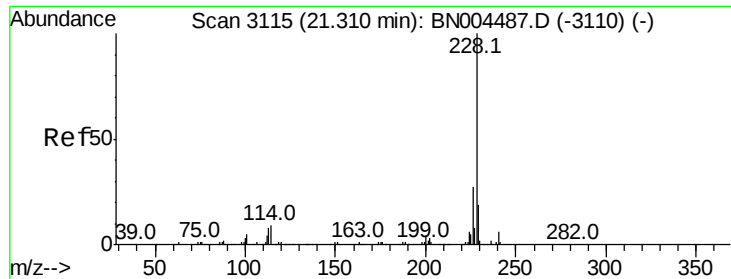
Lab File: BN004458.D

Acq: 19 Feb 2019 14:04

Tgt Ion:	202	Resp:	95087
Ion Ratio	Lower	Upper	
202	100		
101	11.0	9.2	13.8
100	8.6	7.5	11.3

Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 100.00 (99.70 to 100.70): B





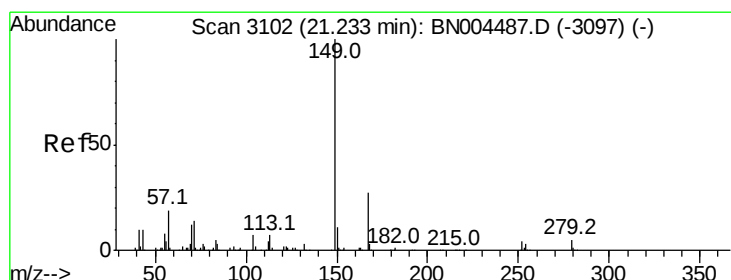
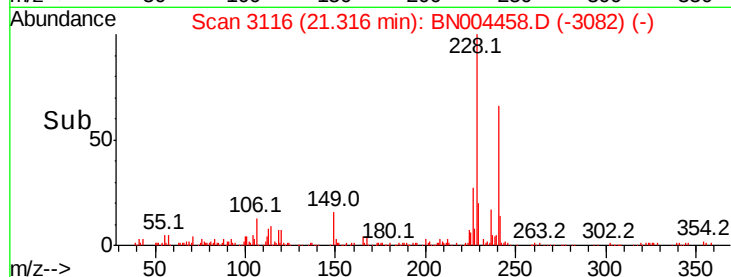
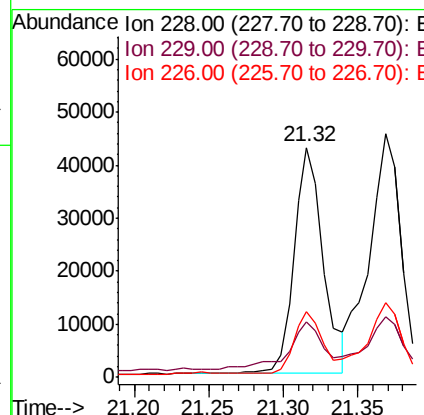
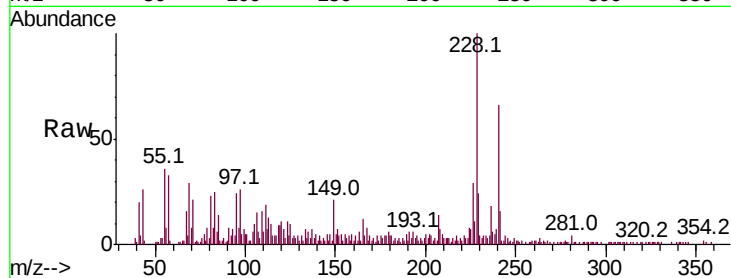
#83
Benzo(a)anthracene
Concen: 3.411 ng/ul
RT: 21.32 min Scan# 3116
Delta R.T. 0.00 min
Lab File: BN004458.D
Acq: 19 Feb 2019 14:04

Instrument :
BNA_N
ClientSampleId :
BE801

Tot Ion	Ratio	Lower	Upper
228	100		
229	24.3	15.4	23.2#
226	28.5	21.4	32.2

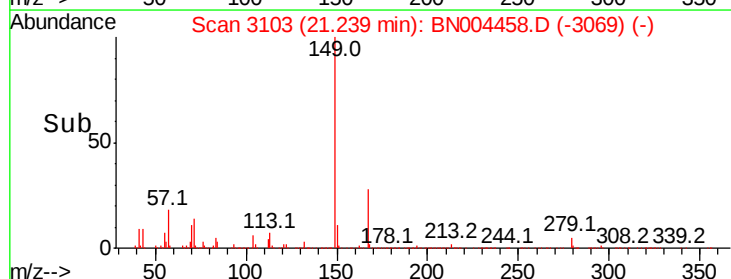
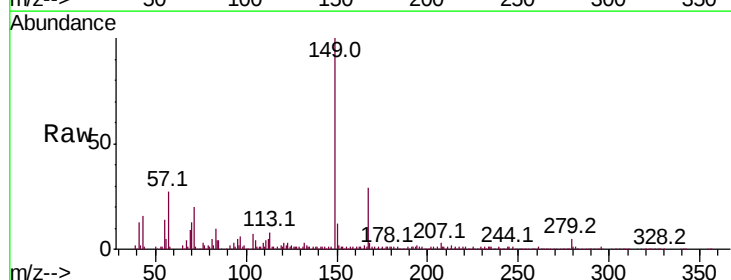
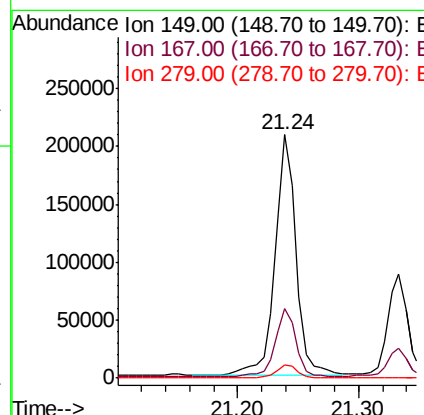
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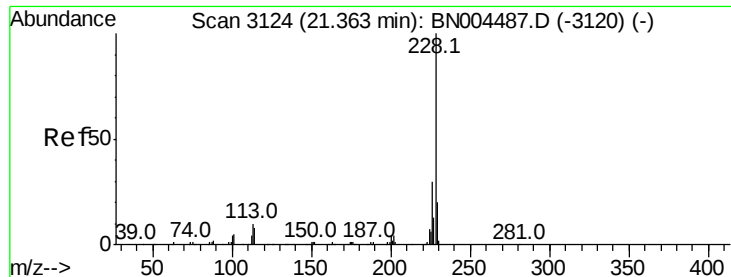
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#84
Bis(2-ethylhexyl)phthalate
Concen: 31.671 ng/ul
RT: 21.24 min Scan# 3103
Delta R.T. 0.00 min
Lab File: BN004458.D
Acq: 19 Feb 2019 14:04

Tgt Ion	Ratio	Lower	Upper
149	100		
167	28.6	22.7	34.1
279	5.3	4.3	6.5





#85

Chrysene

Concen: 4.060 ng/ul

RT: 21.37 min Scan# 3125

Delta R.T. 0.00 min

Lab File: BN004458.D

Acq: 19 Feb 2019 14:04

Instrument :

BNA_N

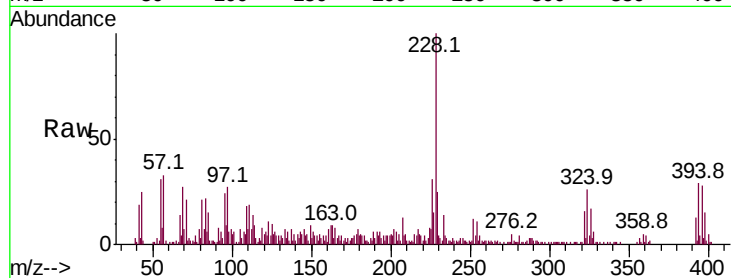
ClientSampled :

BE801

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.6	24.0	36.0
229	24.6	15.7	23.5

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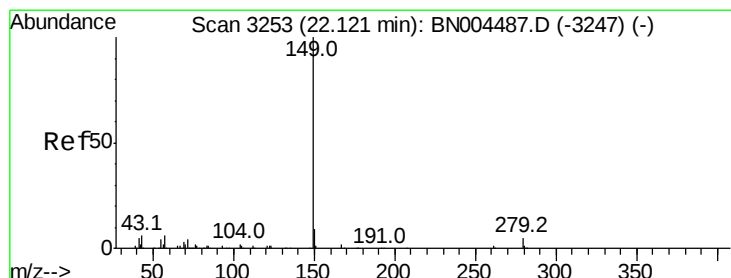
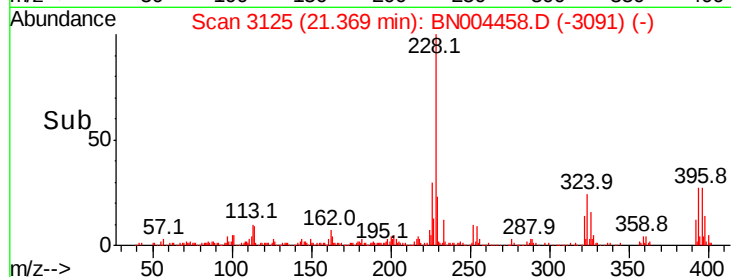
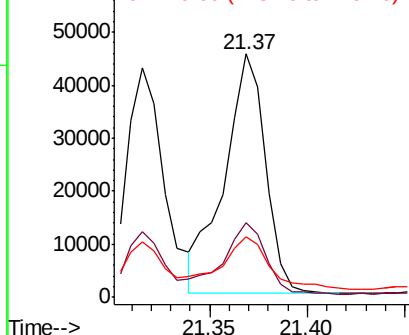


Abundance

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



#87

Di-n-octyl phthalate

Concen: 2.404 ng/ul

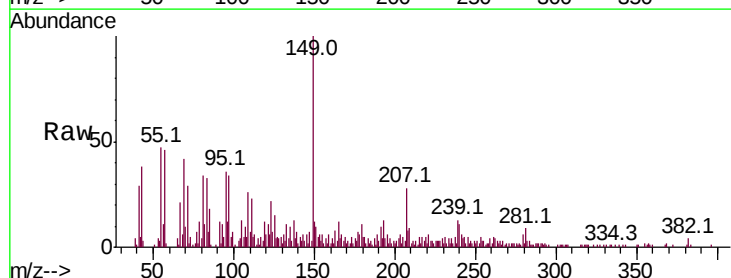
RT: 22.13 min Scan# 3254

Delta R.T. 0.00 min

Lab File: BN004458.D

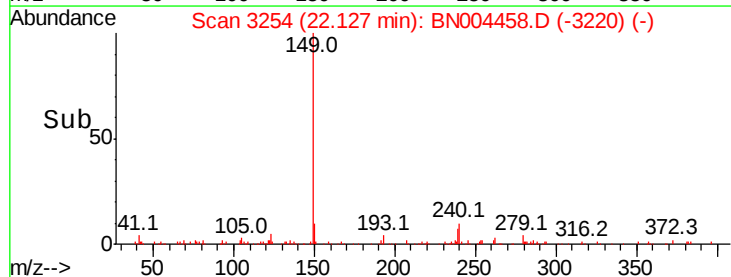
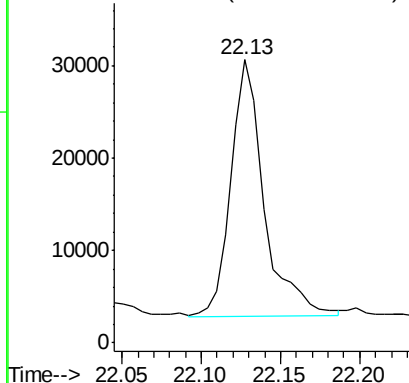
Acq: 19 Feb 2019 14:04

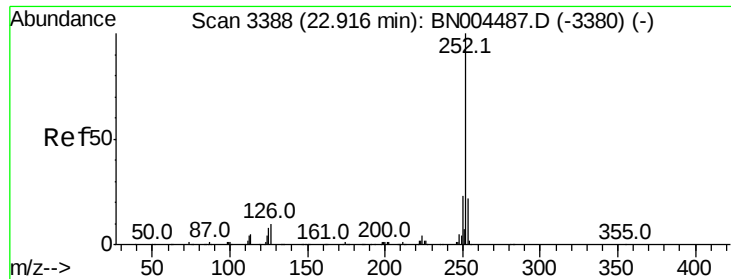
Tgt Ion:149 Resp: 40655



Abundance

Ion 149.00 (148.70 to 149.70): E





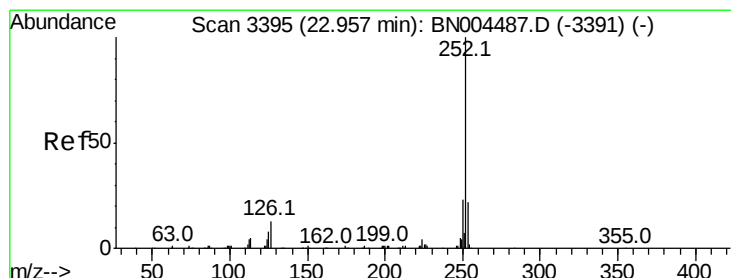
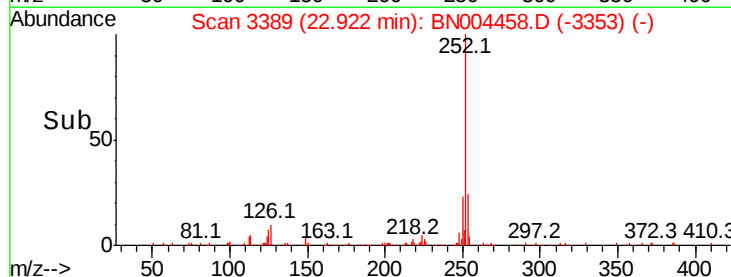
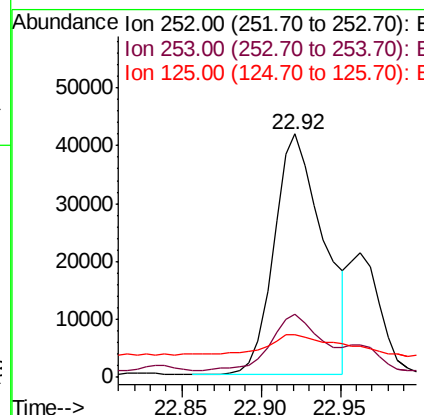
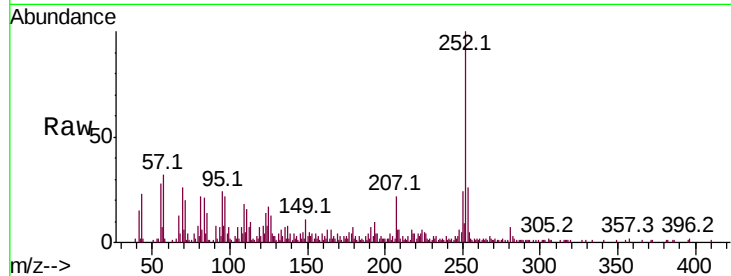
#88
Benzo(b)fluoranthene
Concen: 4.305 ng/uL
RT: 22.92 min Scan# 3389
Delta R.T. 0.01 min
Lab File: BN004458.D
Acq: 19 Feb 2019 14:04

Instrument :
BNA_N
ClientSampled :
BE801

Tot Ion	Ratio	Lower	Upper
252	100		
253	25.8	17.7	26.5
125	17.3	7.4	11.2

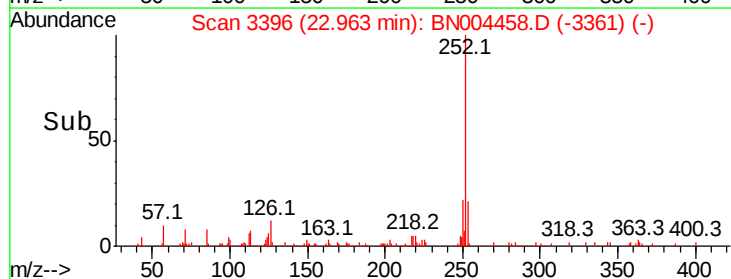
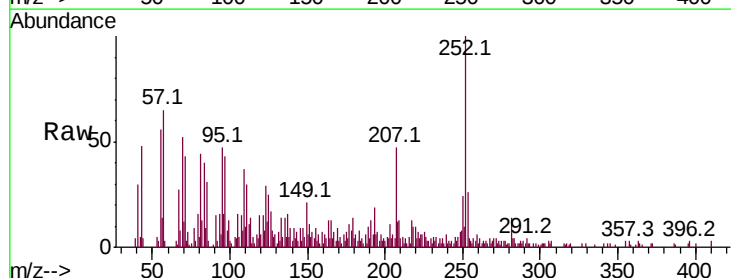
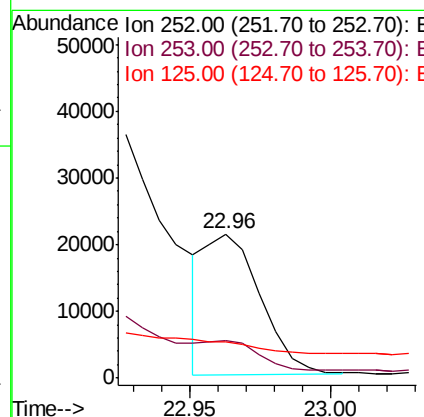
Manual Integrations
APPROVED

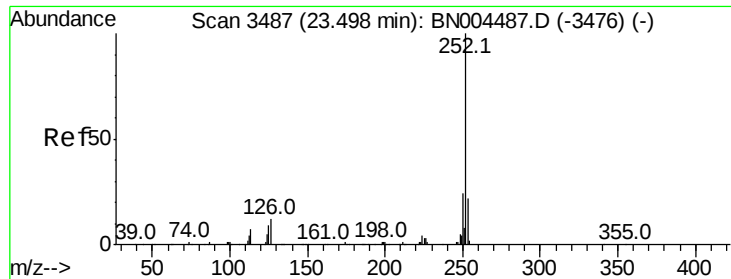
Sohil
2/20/2019 2:08:12 PM



#89
Benzo(k)fluoranthene
Concen: 1.418 ng/uL
RT: 22.96 min Scan# 3396
Delta R.T. 0.01 min
Lab File: BN004458.D
Acq: 19 Feb 2019 14:04

Tgt Ion	Ratio	Lower	Upper
252	100		
253	25.9	17.4	26.2
125	25.3	7.4	11.0





#91

Benzo(a)pyrene

Concen: 2.152 ng/ul

RT: 23.50 min Scan# 3488

Delta R.T. 0.00 min

Lab File: BN004458.D

Acq: 19 Feb 2019 14:04

Instrument :

BNA_N

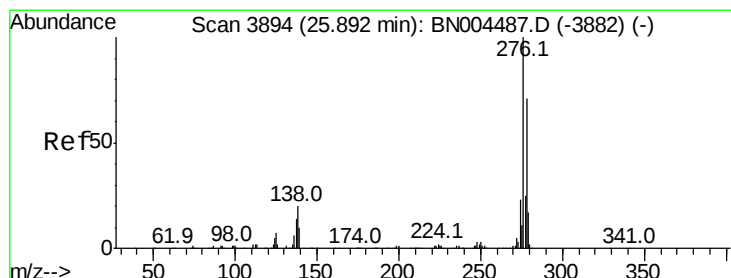
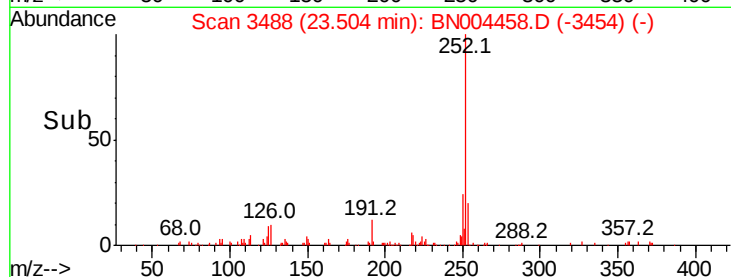
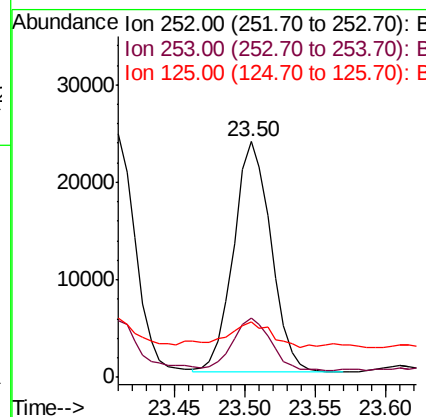
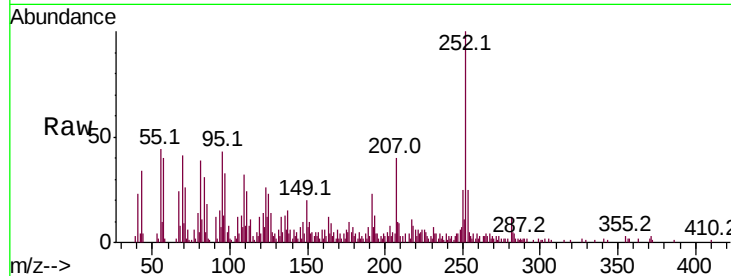
ClientSampled :

BE801

Tot Ion:	252	Resp:	43937
Ion Ratio	Lower	Upper	
252	100		
253	25.2	17.6	26.4
125	23.4	8.4	12.6#

Manual Integrations
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2/20/2019 2:08:12 PM



#92

Indeno(1,2,3-cd)pyrene

Concen: 1.551 ng/ul

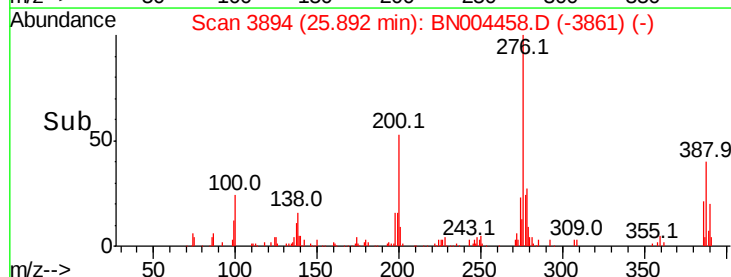
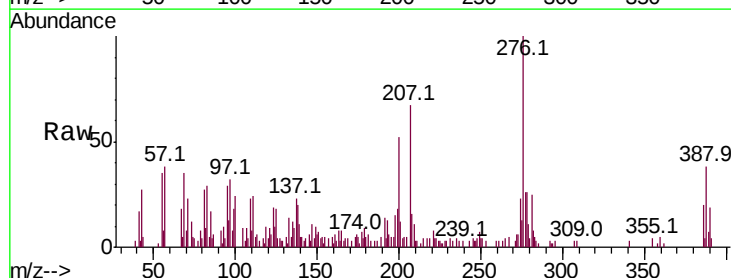
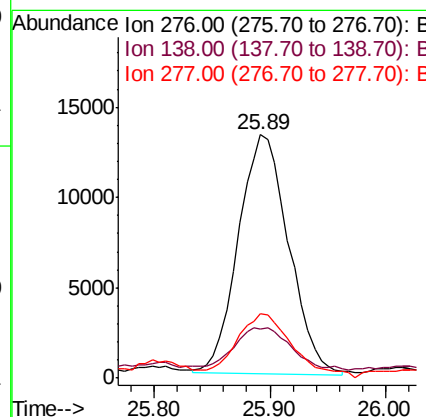
RT: 25.89 min Scan# 3894

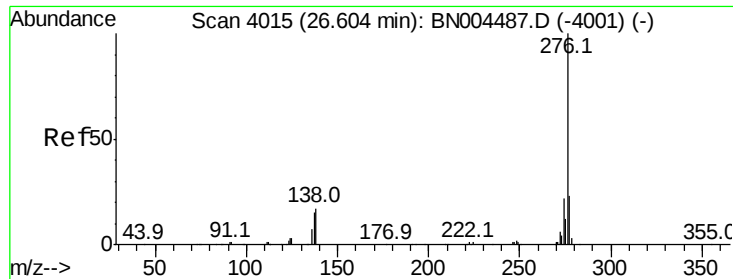
Delta R.T. -0.01 min

Lab File: BN004458.D

Acq: 19 Feb 2019 14:04

Tgt Ion:	276	Resp:	40196
Ion Ratio	Lower	Upper	
276	100		
138	20.0	18.7	28.1
277	26.3	19.8	29.8





#94

Benzo(a,h,i)perylene

Concen: 1.671 ng/ul

RT: 26.60 min Scan# 4015

Delta R.T. 0.00 min

Lab File: BN004458.D

Acq: 19 Feb 2019 14:04

Instrument :

BNA_N

ClientSampleId :

BE801

Tot Ion:	276	Resp:	36299
Ion Ratio	Lower	Upper	
276	100		
138	22.4	16.7	25.1
277	25.8	19.0	28.6

Manual Integrations
APPROVED

Sohil
2/20/2019 2:08:12 PM

