

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN062619\
 Data File : BN006589.D
 Acq On : 26 Jun 2019 21:38
 Operator : HP/JU
 Sample : K3498-13
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C5AB2

Manual Integrations
 APPROVED

mohammad
 6/27/2019 8:18:39 AM

Quant Time: Jun 27 03:35:37 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN061919MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Jun 27 02:30:52 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.62	152	240078	20.00	ng/ul	-0.01
18) Naphthalene-d8	10.40	136	1163794	20.00	ng/ul	-0.01
35) Acenaphthene-d10	14.27	164	707512	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.03	188	1586609	20.00	ng/ul	-0.01
77) Chrysene-d12	21.25	240	1431917	20.00	ng/ul	-0.01
85) Perylene-d12	23.48	264	1345485	20.00	ng/ul	-0.01

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.13	96	27770	4.52	ng/uL	-0.01
5) Phenol-d5	6.80	99	576408	22.55	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.95	67	381197	24.09	ng/ul	-0.01
9) 2-Chlorophenol-d4	7.15	132	449326	23.84	ng/ul	-0.01
13) 4-Methylphenol-d8	8.33	113	407896	20.12	ng/ul	-0.01
19) Nitrobenzene-d5	8.77	128	237877	25.53	ng/ul	-0.01
22) 2-Nitrophenol-d4	9.49	143	270892	26.68	ng/ul	-0.01
26) 2,4-Dichlorophenol-d3	10.03	165	479095	24.56	ng/ul	-0.01
29) 4-Chloroaniline-d4	10.54	131	462032	20.60	ng/ul	-0.01
43) Dimethylphthalate-d6	13.69	166	1604009	25.87	ng/ul	-0.01
46) Acenaphthylene-d8	13.96	160	1916169	25.21	ng/ul	-0.01
51) 4-Nitrophenol-d4	14.51	143	197303	18.62	ng/ul	0.00
57) Fluorene-d10	15.27	176	1373717	26.05	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.42	200	182605	18.19	ng/ul	0.00
70) Anthracene-d10	17.13	188	2095828	26.24	ng/ul	-0.01
78) Pyrene-d10	19.44	212	2335260	27.92	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.34	264	1992933	26.22	ng/ul	-0.01

Target Compounds

					Ovalue	
44) Dimethylphthalate	13.73	163	369656	6.466	ng/ul	99
69) Phenanthrene	17.07	178	249818	2.855	ng/ul	99
76) Fluoranthene	19.10	202	831830	8.820	ng/ul	99
79) Pyrene	19.47	202	676537	6.939	ng/ul	99
82) Benzo(a)anthracene	21.23	228	359969	3.678	ng/ul	98
83) Bis(2-ethylhexyl)phthalate	21.16	149	74112	1.182	ng/ul	100
84) Chrysene	21.29	228	441202	4.737	ng/ul	99
87) Benzo(b)fluoranthene	22.82	252	497863	6.165	ng/ul#	96
88) Benzo(k)fluoranthene	22.85	252	174400m	2.260	ng/ul	
90) Benzo(a)pyrene	23.38	252	287882	3.718	ng/ul	98
91) Indeno(1,2,3-cd)pyrene	25.71	276	185673	2.026	ng/ul	96
93) Benzo(g,h,i)perylene	26.39	276	151035	1.957	ng/ul	99

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

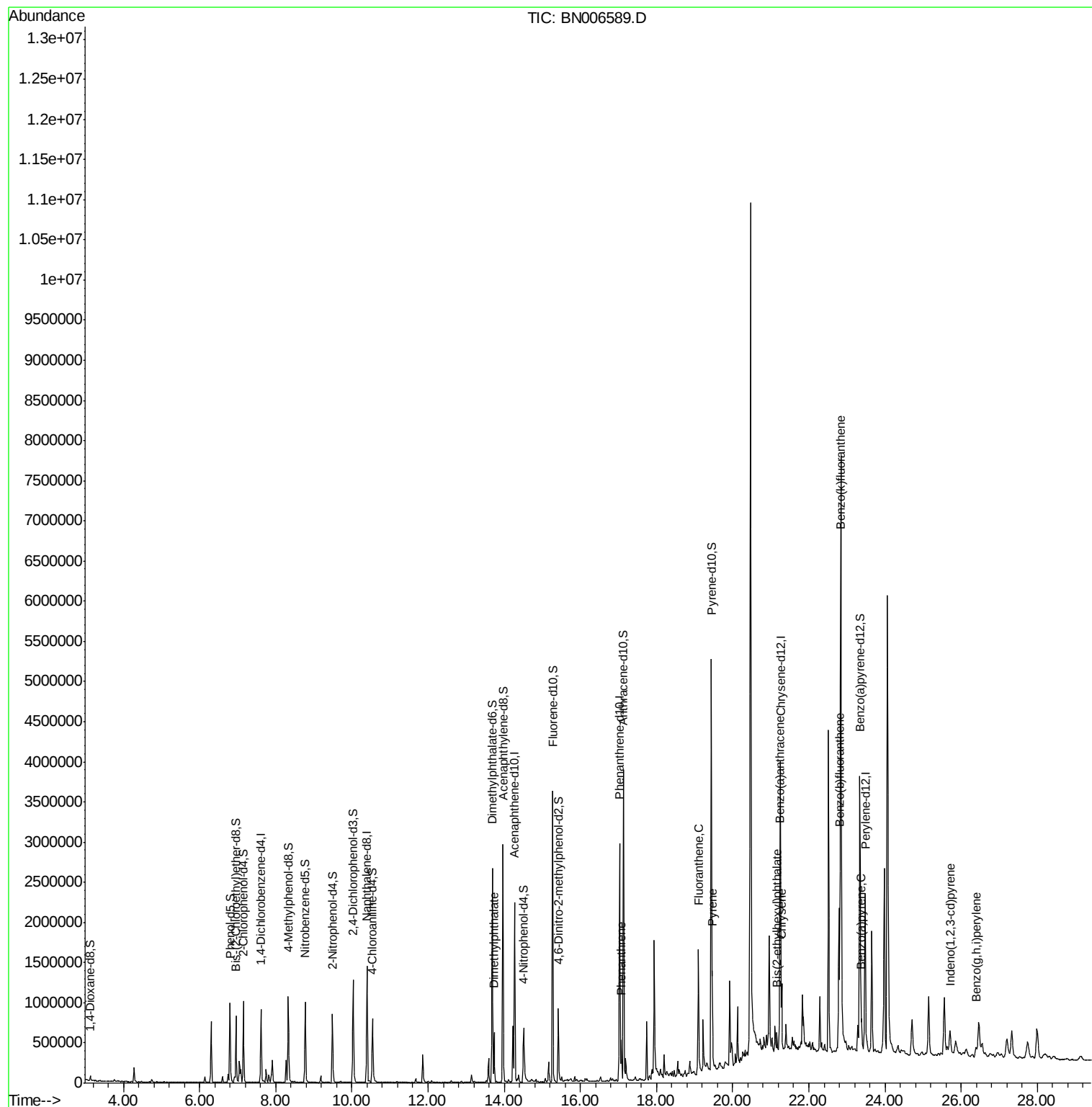
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN062619\
Data File : BN006589.D
Acq On : 26 Jun 2019 21:38
Operator : HP/JU
Sample : K3498-13
Misc :
ALS Vial : 8 Sample Multiplier: 1

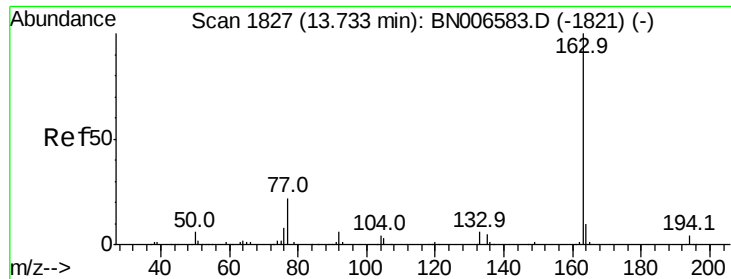
Instrument :
BNA_N
ClientSampleId :
C5AB2

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Quant Time: Jun 27 03:35:37 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN061919MA.M
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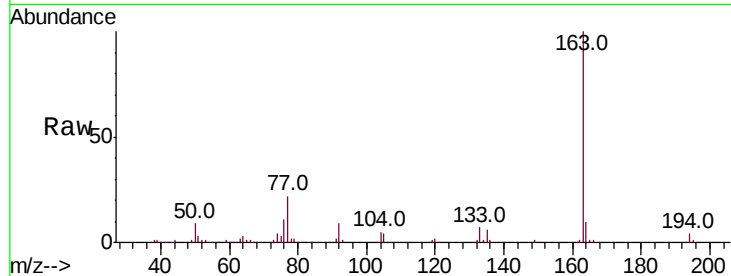
#44
Dimethylphthalate
Concen: 6.466 ng/ul
RT: 13.73 min Scan# 1827
Delta R.T. -0.01 min
Lab File: BN006589.D
Acq: 26 Jun 2019 21:38

Instrument :
BNA_N
ClientSampled :
C5AB2

Tot Ion	Ratio	Resp	Lower	Upper
163	100	369656		
194	4.2		3.4	5.0
164	9.6		8.0	12.0

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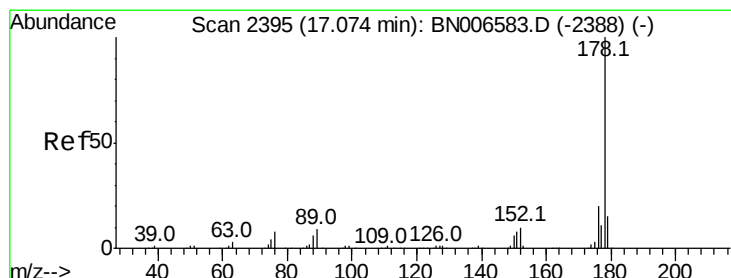
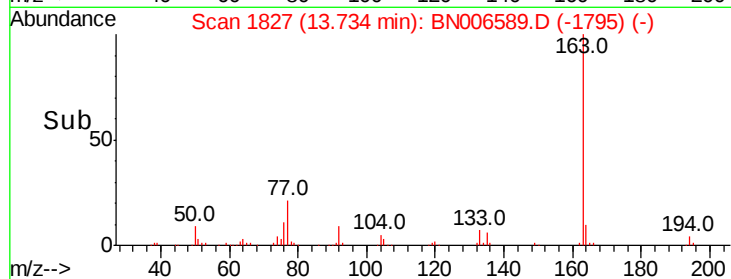
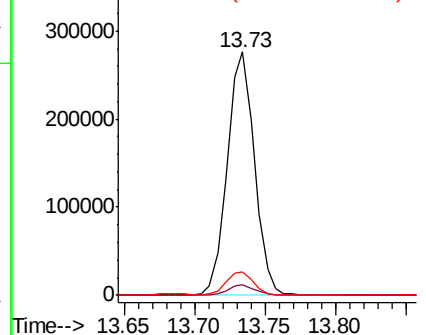


Abundance

Ion 163.00 (162.70 to 163.70): E

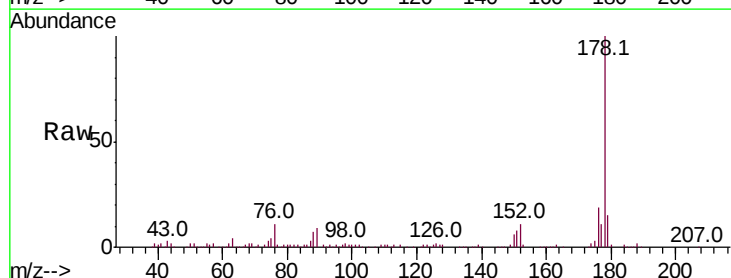
Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#69
Phenanthrene
Concen: 2.855 ng/ul
RT: 17.07 min Scan# 2394
Delta R.T. -0.01 min
Lab File: BN006589.D
Acq: 26 Jun 2019 21:38

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	249818		
179	15.2		12.5	18.7
176	19.2		15.3	22.9

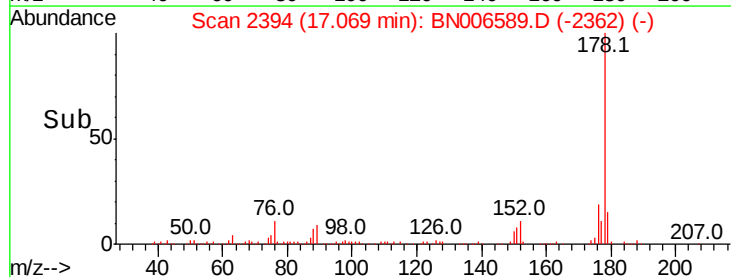
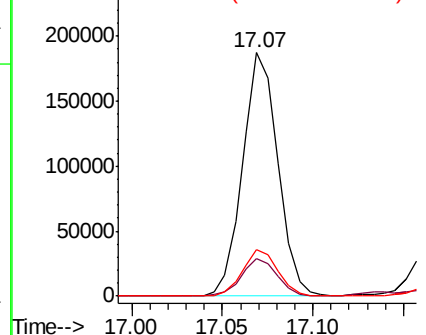


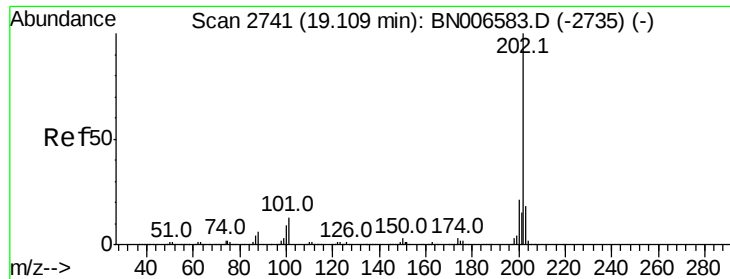
Abundance

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

Fluoranthene

Concen: 8.820 ng/ul

RT: 19.10 min Scan# 2739

Delta R.T. -0.01 min

Lab File: BN006589.D

Acq: 26 Jun 2019 21:38

Instrument :

BNA_N

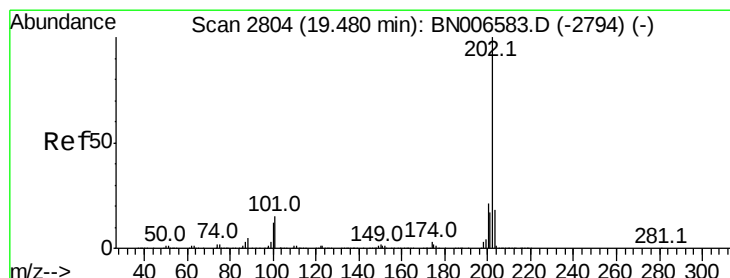
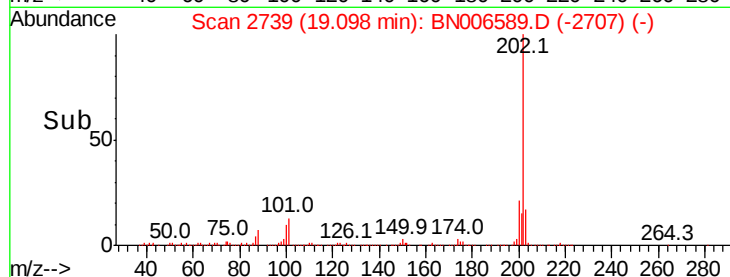
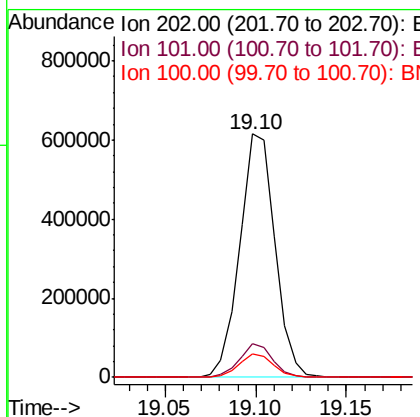
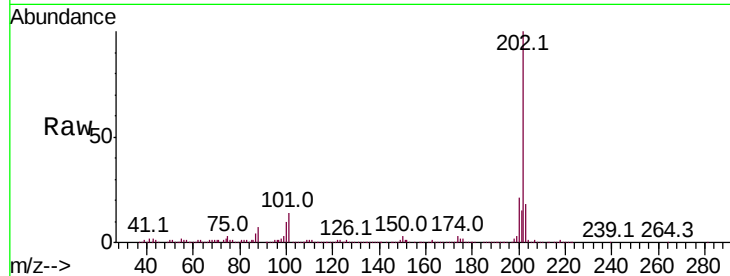
ClientSampleId :

C5AB2

Tot Ion:	202	Resp:	831830
Ion Ratio	Lower	Upper	
202	100		
101	13.6	10.5	15.7
100	9.8	7.6	11.4

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#79

Pyrene

Concen: 6.939 ng/ul

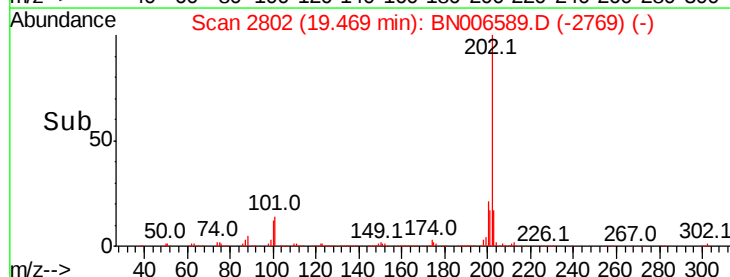
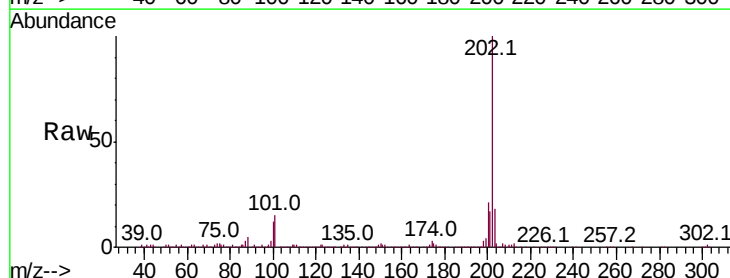
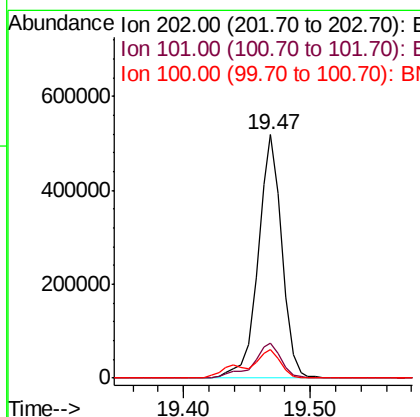
RT: 19.47 min Scan# 2802

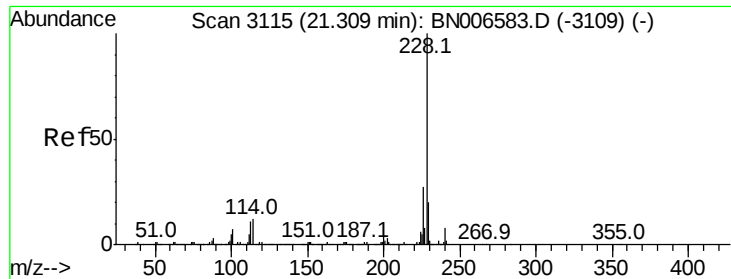
Delta R.T. -0.01 min

Lab File: BN006589.D

Acq: 26 Jun 2019 21:38

Tgt Ion:	202	Resp:	676537
Ion Ratio	Lower	Upper	
202	100		
101	14.6	12.2	18.4
100	12.0	9.8	14.6





#82

Benzo(a)anthracene

Concen: 3.678 ng/ul

RT: 21.23 min Scan# 3102

Delta R.T. -0.01 min

Lab File: BN006589.D

Acq: 26 Jun 2019 21:38

Instrument :

BNA_N

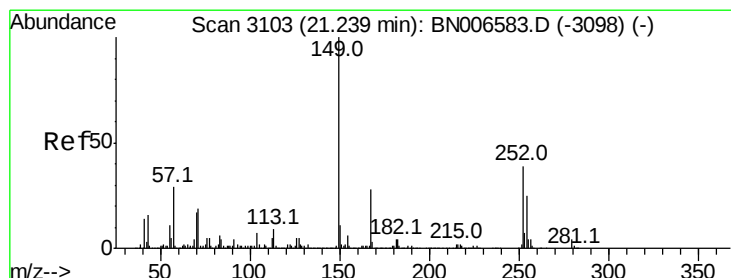
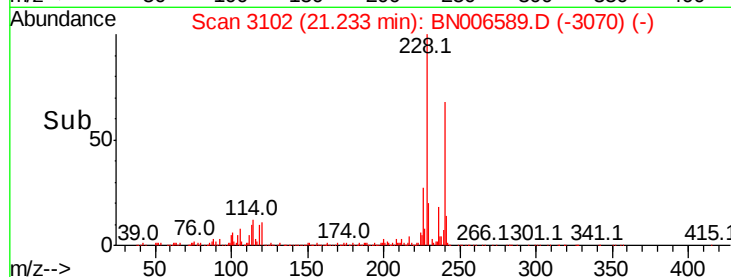
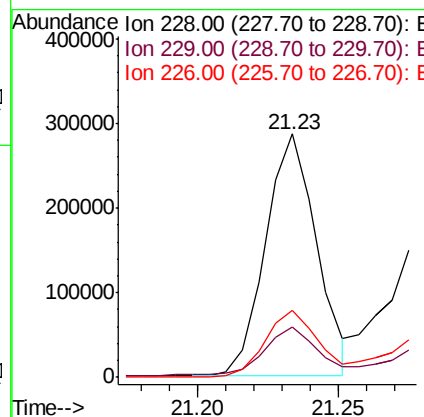
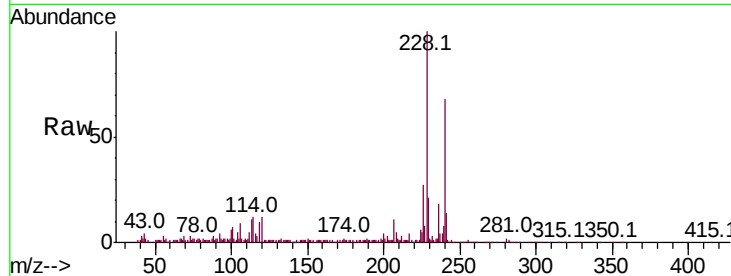
ClientSampleId :

C5AB2

Tot Ion:	228	Resp:	359969
Ion Ratio	Lower	Upper	
228	100		
229	20.6	15.6	23.4
226	27.3	21.5	32.3

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#83

Bis(2-ethylhexyl)phthalate

Concen: 1.182 ng/ul

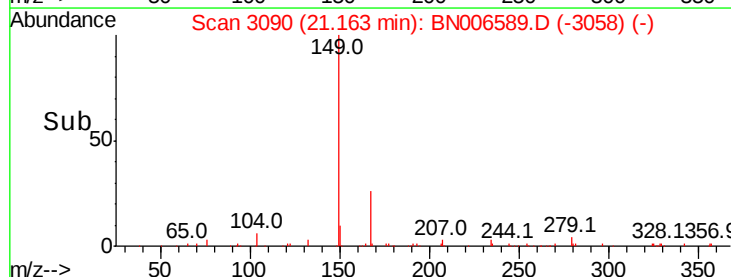
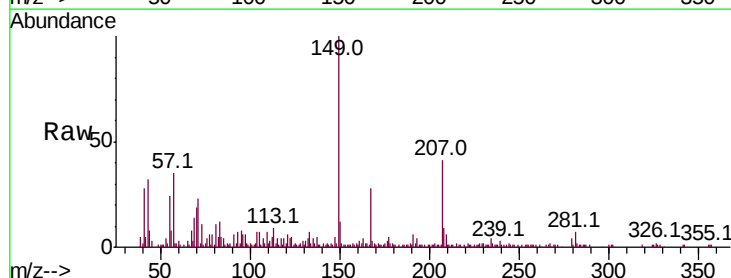
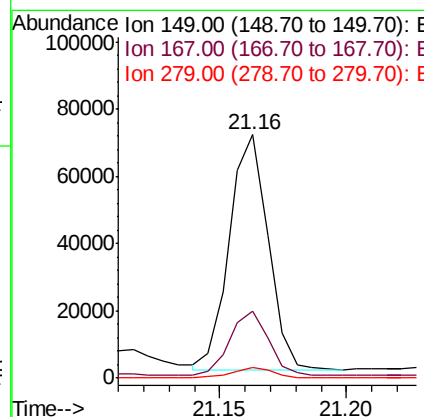
RT: 21.16 min Scan# 3090

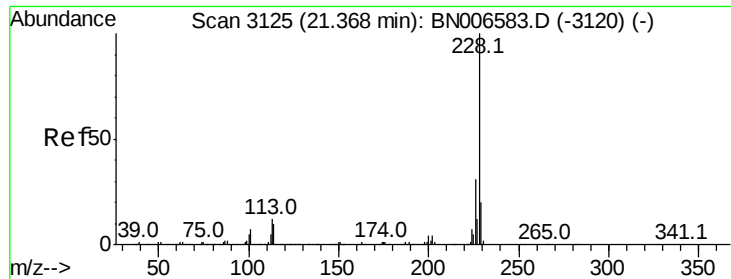
Delta R.T. -0.01 min

Lab File: BN006589.D

Acq: 26 Jun 2019 21:38

Tgt Ion:	149	Resp:	74112
Ion Ratio	Lower	Upper	
149	100		
167	27.7	22.2	33.4
279	4.2	3.3	4.9





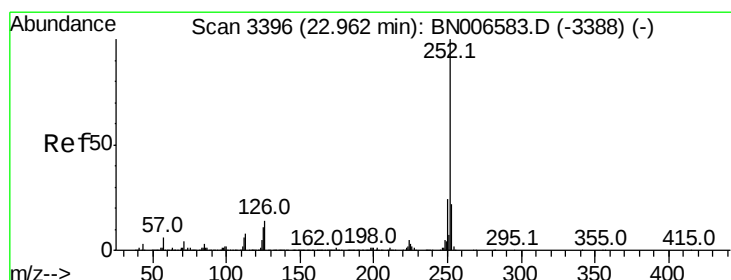
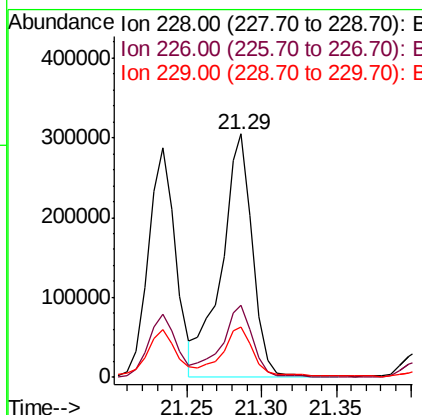
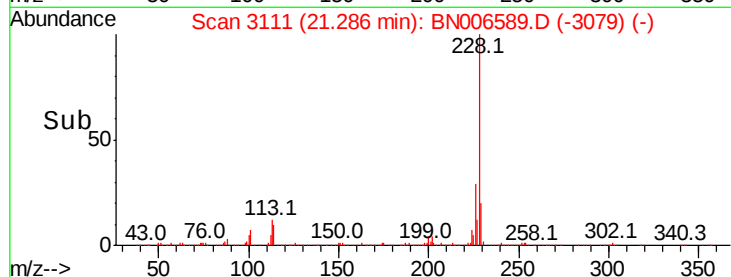
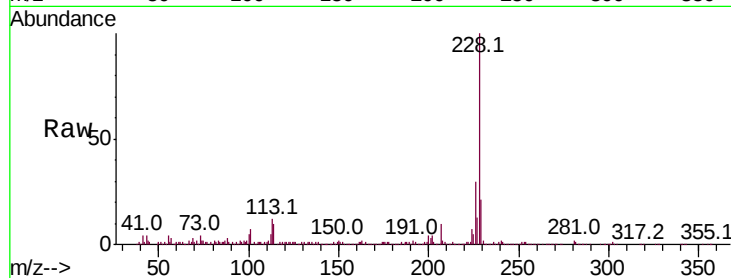
#84
Chrysene
Concen: 4.737 ng/ul
RT: 21.29 min Scan# 3111
Delta R.T. -0.01 min
Lab File: BN006589.D
Acq: 26 Jun 2019 21:38

Instrument :
BNA_N
ClientSampleId :
C5AB2

Tot Ion	Ratio	Lower	Upper
228	100		
226	29.5	24.2	36.2
229	20.6	15.9	23.9

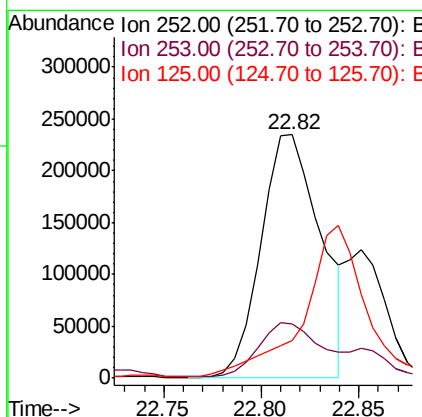
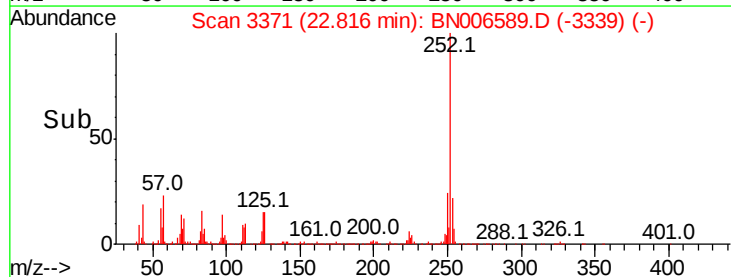
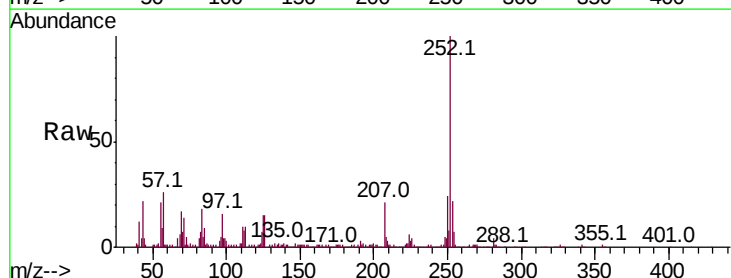
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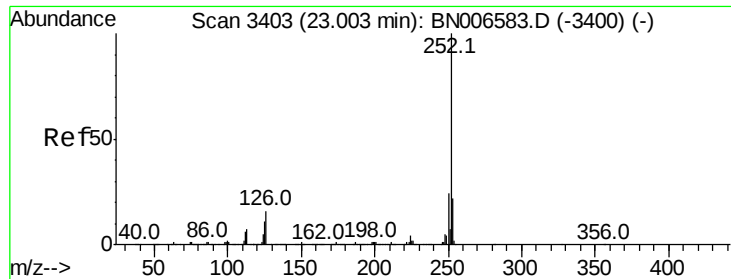
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#87
Benzo(b)fluoranthene
Concen: 6.165 ng/ul
RT: 22.82 min Scan# 3371
Delta R.T. -0.01 min
Lab File: BN006589.D
Acq: 26 Jun 2019 21:38

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.7	26.5
125	15.2	9.0	13.6





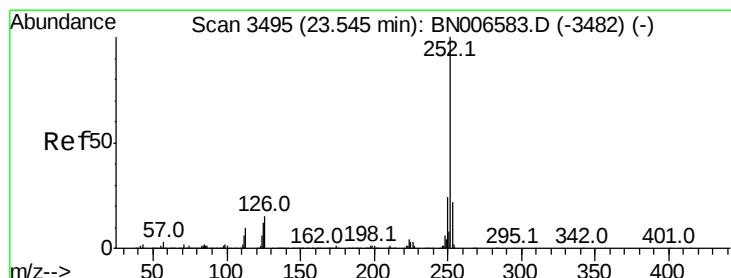
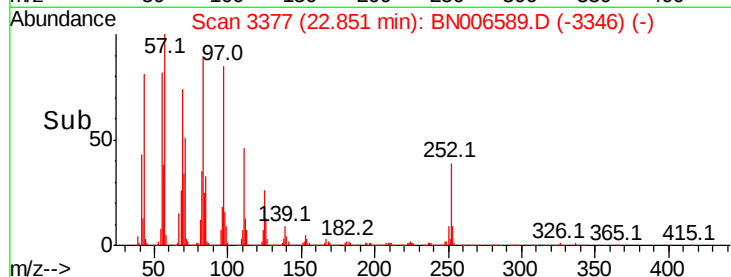
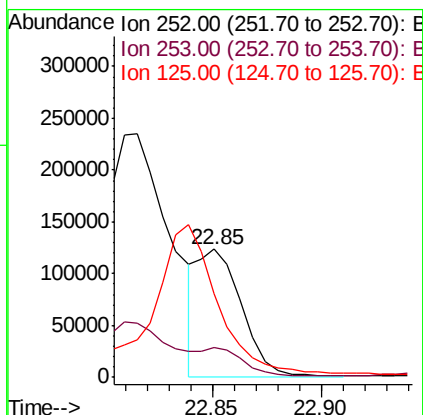
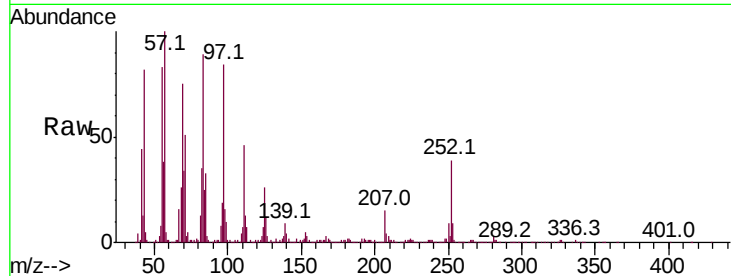
#88
Benzo(k)fluoranthene
Concen: 2.260 ng/ul
RT: 22.85 min Scan# 3377
Delta R.T. -0.02 min
Lab File: BN006589.D
Acq: 26 Jun 2019 21:38

Instrument :
BNA_N
ClientSampleId :
C5AB2

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.0	17.4	26.0
125	65.7	9.1	13.7

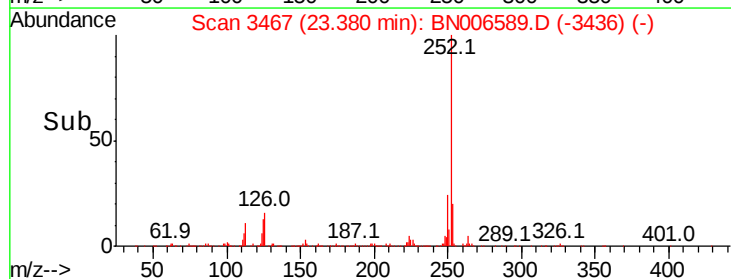
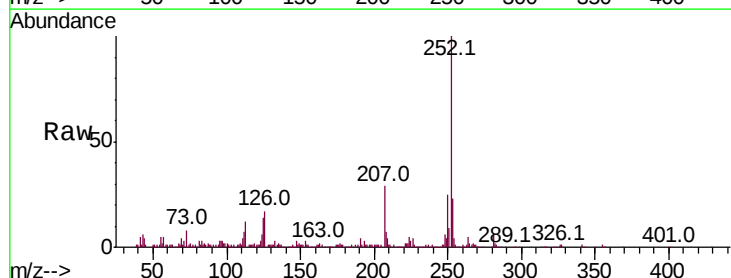
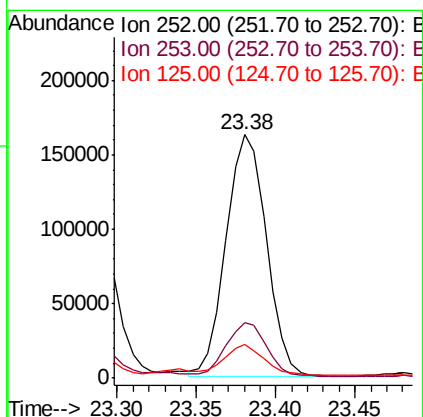
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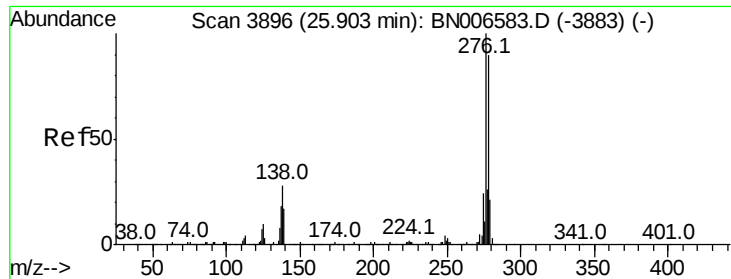
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#90
Benzo(a)pyrene
Concen: 3.718 ng/ul
RT: 23.38 min Scan# 3467
Delta R.T. -0.02 min
Lab File: BN006589.D
Acq: 26 Jun 2019 21:38

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.7	26.5
125	13.7	10.0	15.0





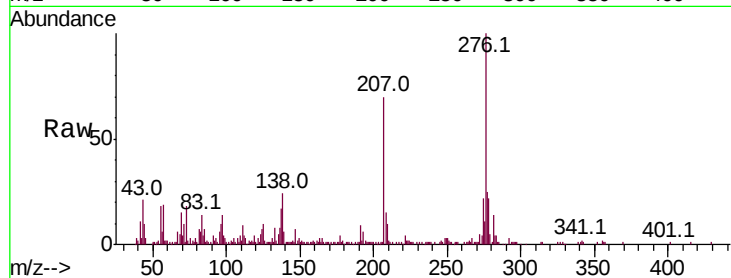
#91
 Indeno(1,2,3-cd)pyrene
 Concen: 2.026 ng/ul
 RT: 25.71 min Scan# 3863
 Delta R.T. -0.02 min
 Lab File: BN006589.D
 Acq: 26 Jun 2019 21:38

Instrument :
 BNA_N
 ClientSampleId :
 C5AB2

Tot Ion	Ratio	Lower	Upper
276	100		
138	23.8	22.2	33.4
277	25.1	20.2	30.4

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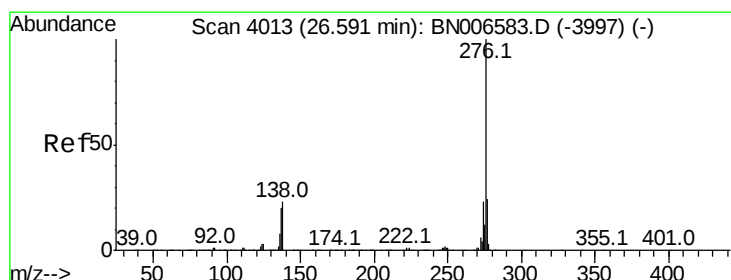
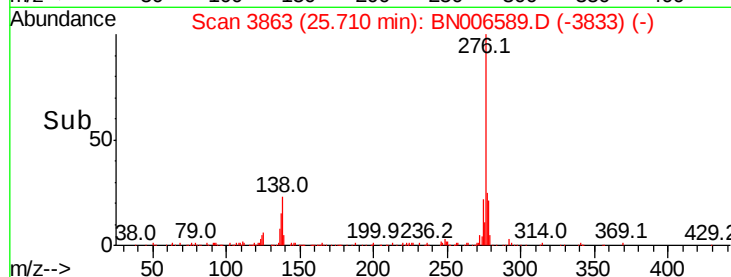
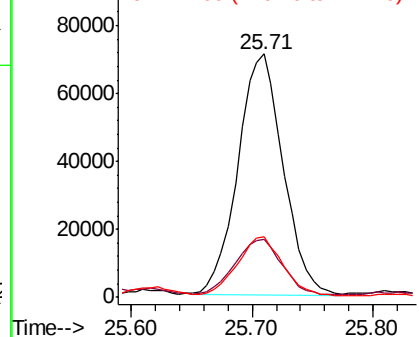


Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#93
 Benzo(g,h,i)perylene
 Concen: 1.957 ng/ul
 RT: 26.39 min Scan# 3978
 Delta R.T. -0.03 min
 Lab File: BN006589.D
 Acq: 26 Jun 2019 21:38

Tgt Ion	Ratio	Lower	Upper
276	100		
138	24.8	19.1	28.7
277	24.1	19.4	29.0

Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

