

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN062619\
 Data File : BN006588.D
 Acq On : 26 Jun 2019 21:04
 Operator : HP/JU
 Sample : K3498-12
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C5AB1

Manual Integrations
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mohammad
 6/27/2019 8:18:43 AM

Quant Time: Jun 27 03:31:59 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	229049	20.00	ng/ul	-0.01
18) Naphthalene-d8	10.40	136	1113386	20.00	ng/ul	-0.01
35) Acenaphthene-d10	14.27	164	671163	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.03	188	1453273	20.00	ng/ul	-0.01
77) Chrysene-d12	21.25	240	1061786	20.00	ng/ul	-0.01
85) Perylene-d12	23.48	264	997674	20.00	ng/ul	-0.01

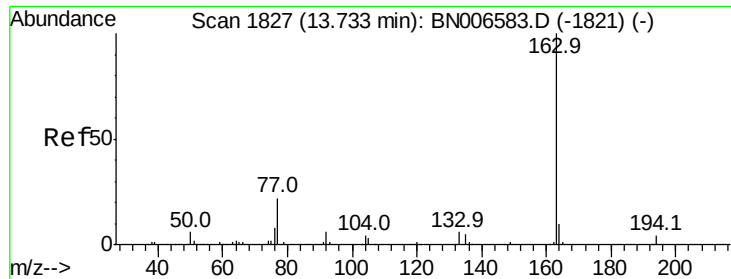
System Monitoring Compounds

3) 1,4-Dioxane-d8	3.13	96	22381	3.82	ng/uL	-0.01
5) Phenol-d5	6.80	99	475077	19.48	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.96	67	302949	20.07	ng/ul	0.00
9) 2-Chlorophenol-d4	7.15	132	362089	20.14	ng/ul	-0.01
13) 4-Methylphenol-d8	8.33	113	340171	17.58	ng/ul	-0.01
19) Nitrobenzene-d5	8.77	128	191696	21.50	ng/ul	-0.01
22) 2-Nitrophenol-d4	9.49	143	220823	22.73	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.03	165	381408	20.44	ng/ul	-0.01
29) 4-Chloroaniline-d4	10.54	131	519029	24.19	ng/ul	-0.01
43) Dimethylphthalate-d6	13.69	166	1315347	22.36	ng/ul	-0.01
46) Acenaphthylene-d8	13.96	160	1550084	21.50	ng/ul	-0.01
51) 4-Nitrophenol-d4	14.51	143	123561	12.29	ng/ul	0.00
57) Fluorene-d10	15.27	176	1129201	22.57	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.42	200	124985	13.59	ng/ul	0.00
70) Anthracene-d10	17.13	188	1677640	22.93	ng/ul	-0.01
78) Pyrene-d10	19.44	212	1672068	26.96	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.34	264	1221430	21.67	ng/ul	-0.01

Target Compounds

					Ovalue
44) Dimethylphthalate	13.73	163	324592	5.986	ng/ul 99
69) Phenanthrene	17.07	178	1158792	14.457	ng/ul 99
71) Anthracene	17.16	178	97576	1.199	ng/ul 99
76) Fluoranthene	19.10	202	2281033	26.405	ng/ul 100
79) Pyrene	19.47	202	1778822	24.606	ng/ul 100
82) Benzo(a)anthracene	21.23	228	685572	9.447	ng/ul 100
83) Bis(2-ethylhexyl)phthalate	21.16	149	47786	1.028	ng/ul 99
84) Chrysene	21.29	228	839077	12.148	ng/ul 99
87) Benzo(b)fluoranthene	22.82	252	909152	15.184	ng/ul 100
88) Benzo(k)fluoranthene	22.86	252	281383m	4.917	ng/ul
90) Benzo(a)pyrene	23.39	252	524288	9.132	ng/ul 99
91) Indeno(1,2,3-cd)pyrene	25.71	276	356210	5.242	ng/ul 95
92) Dibenzo(a,h)anthracene	25.71	278	91985m	1.635	ng/ul
93) Benzo(g,h,i)perylene	26.39	276	265706	4.643	ng/ul 99

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



#44

Dimethylphthalate

Concen: 5.986 ng/ul

RT: 13.73 min Scan# 1827

Delta R.T. -0.01 min

Lab File: BN006588.D

Acq: 26 Jun 2019 21:04

Instrument :

BNA_N

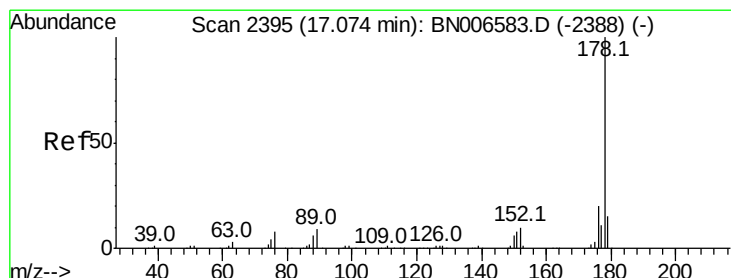
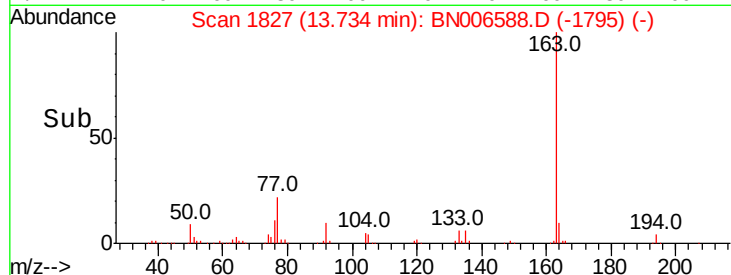
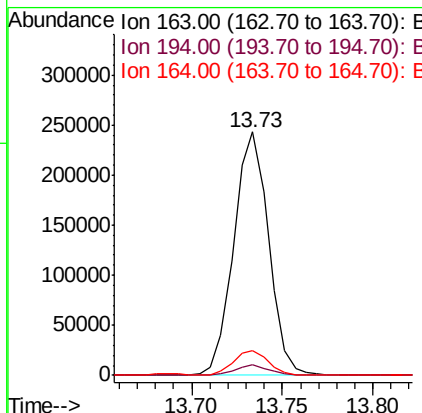
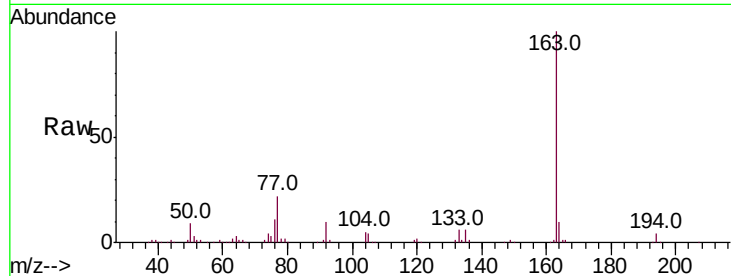
ClientSampleId :

C5AB1

Tot Ion:	163	Resp:	324592
Ion Ratio	Lower	Upper	
163	100		
194	4.3	3.4	5.0
164	10.3	8.0	12.0

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#69

Phenanthrene

Concen: 14.457 ng/ul

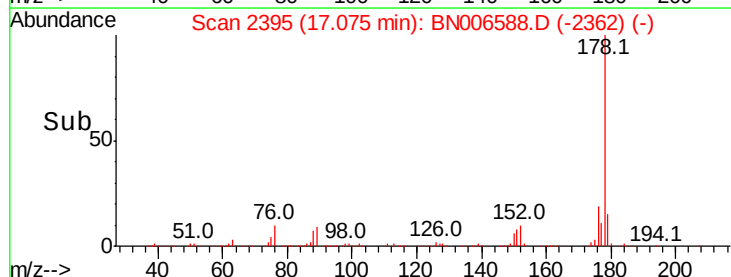
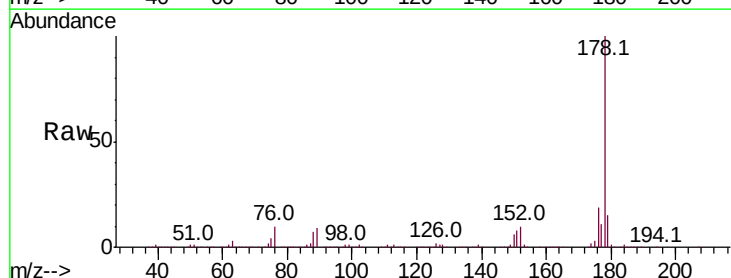
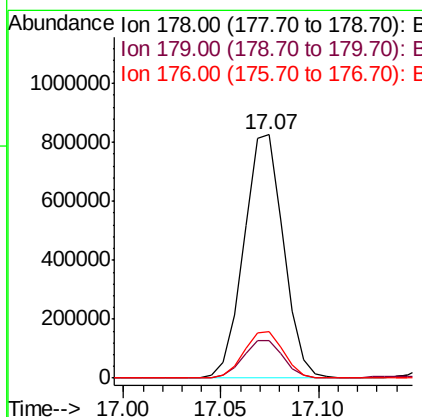
RT: 17.07 min Scan# 2395

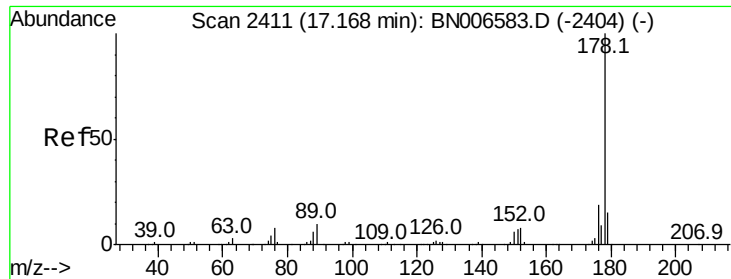
Delta R.T. -0.01 min

Lab File: BN006588.D

Acq: 26 Jun 2019 21:04

Tgt Ion:	178	Resp:	1158792
Ion Ratio	Lower	Upper	
178	100		
179	15.2	12.5	18.7
176	18.9	15.3	22.9





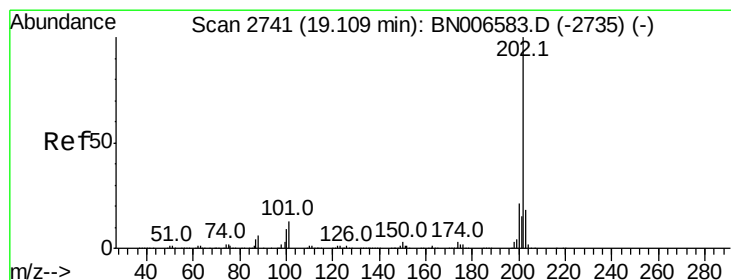
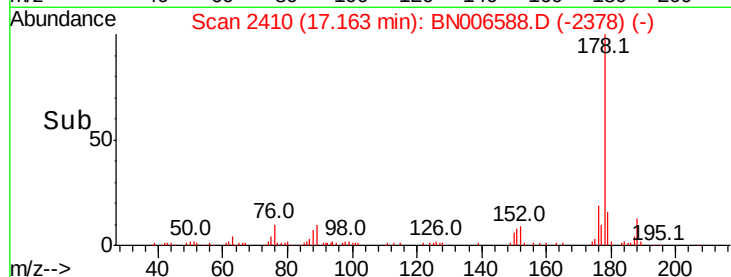
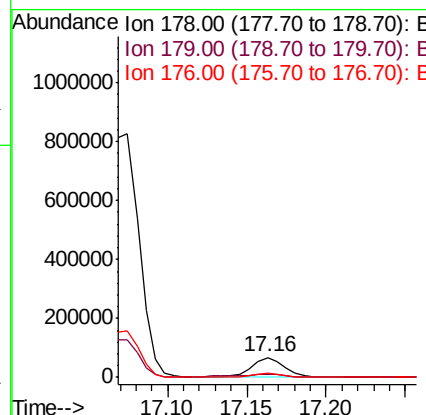
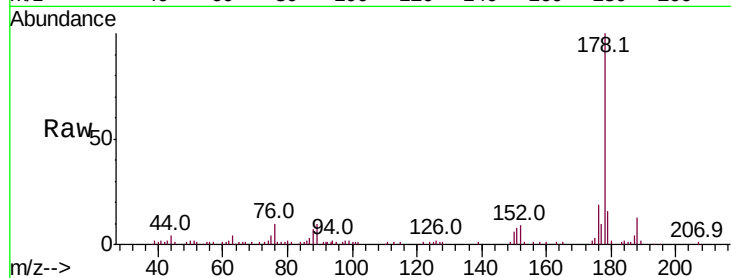
#71
 Anthracene
 Concen: 1.199 ng/ul
 RT: 17.16 min Scan# 2410
 Delta R.T. -0.01 min
 Lab File: BN006588.D
 Acq: 26 Jun 2019 21:04

Instrument :
 BNA_N
 ClientSampleID :
 C5AB1

Tot Ion	Ratio	Lower	Upper
178	100		
179	15.8	12.3	18.5
176	18.6	14.7	22.1

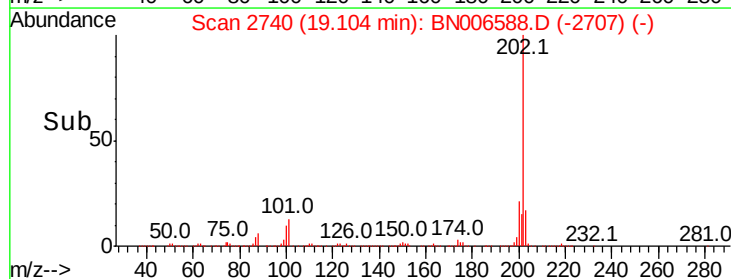
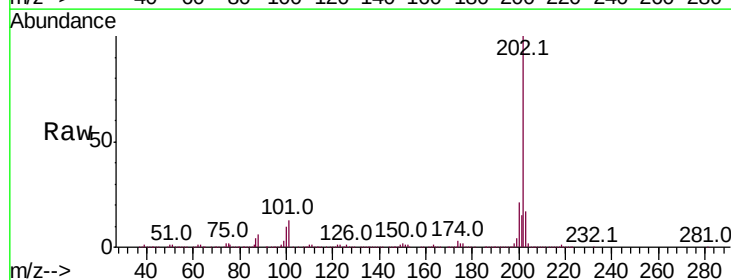
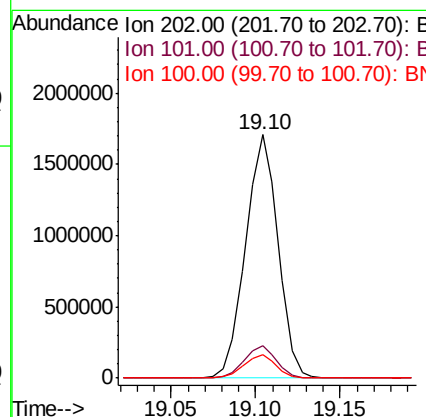
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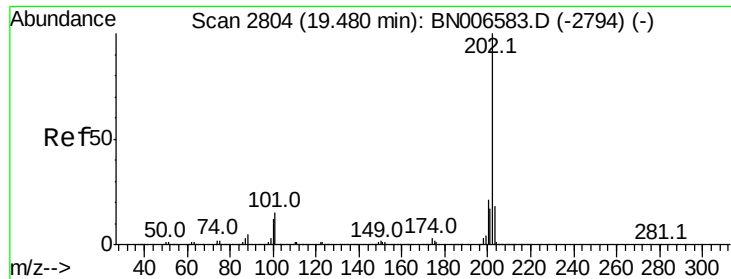
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#76
 Fluoranthene
 Concen: 26.405 ng/ul
 RT: 19.10 min Scan# 2740
 Delta R.T. -0.01 min
 Lab File: BN006588.D
 Acq: 26 Jun 2019 21:04

Tgt Ion	Ratio	Lower	Upper
202	100		
101	13.2	10.5	15.7
100	9.7	7.6	11.4





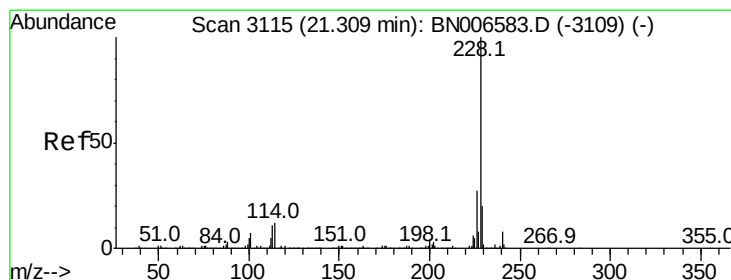
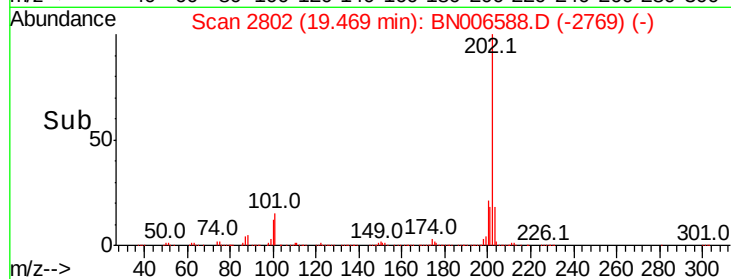
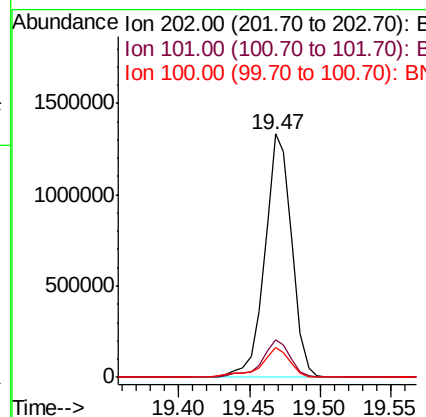
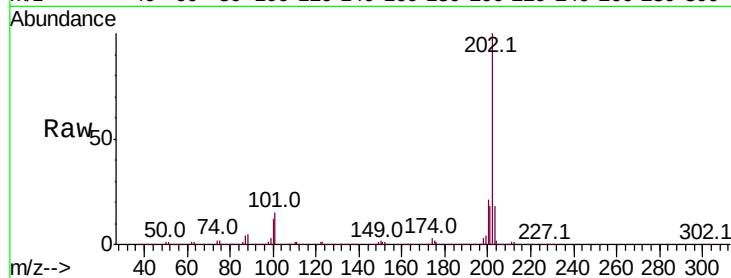
#79
Pvrene
Concen: 24.606 ng/ul
RT: 19.47 min Scan# 2802
Delta R.T. -0.01 min
Lab File: BN006588.D
Acq: 26 Jun 2019 21:04

Instrument :
BNA_N
ClientSampleId :
C5AB1

Tot Ion	Ratio	Lower	Upper
202	100		
101	15.3	12.2	18.4
100	12.3	9.8	14.6

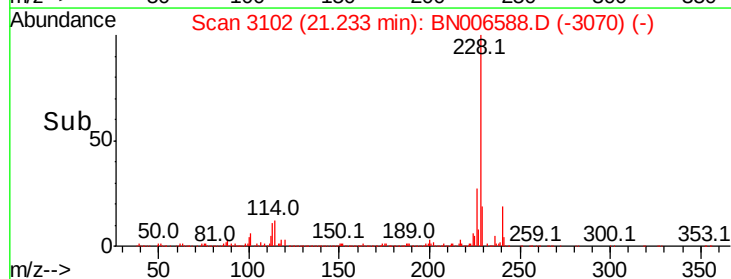
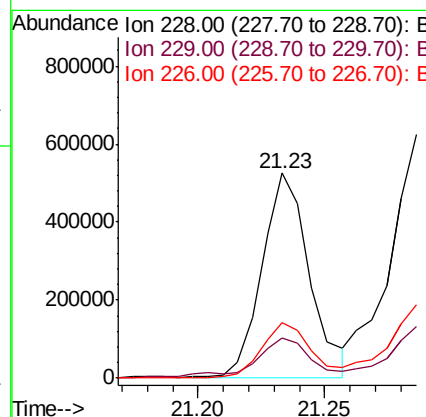
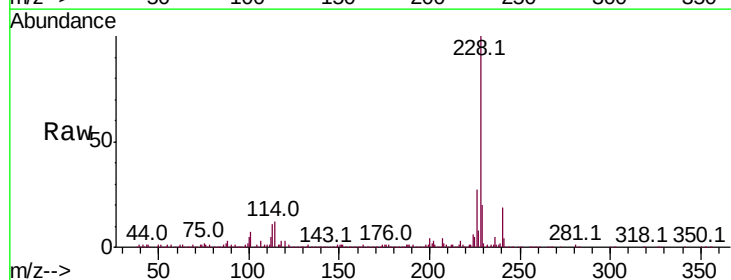
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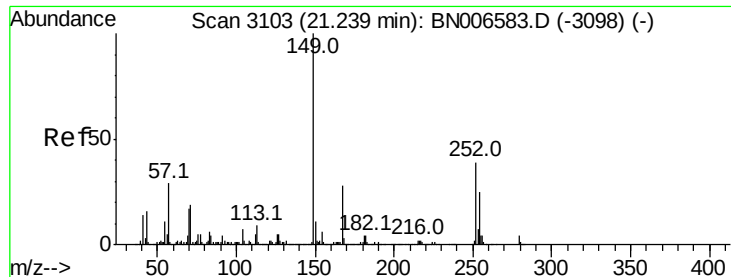
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#82
Benzo(a)anthracene
Concen: 9.447 ng/ul
RT: 21.23 min Scan# 3102
Delta R.T. -0.01 min
Lab File: BN006588.D
Acq: 26 Jun 2019 21:04

Tgt Ion	Ratio	Lower	Upper
228	100		
229	19.8	15.6	23.4
226	27.0	21.5	32.3





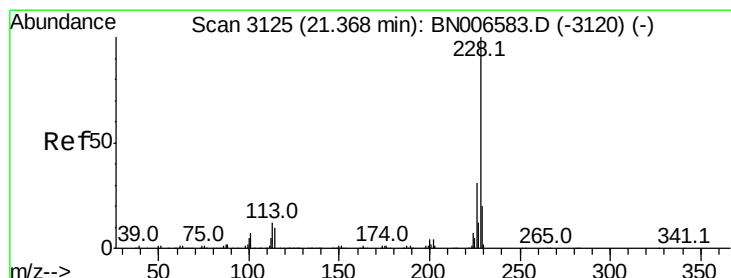
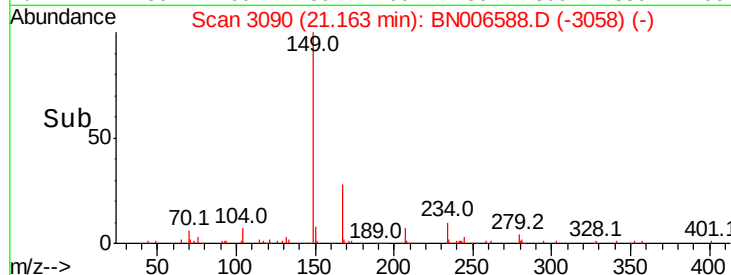
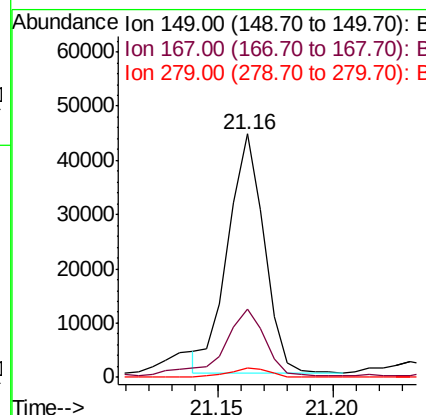
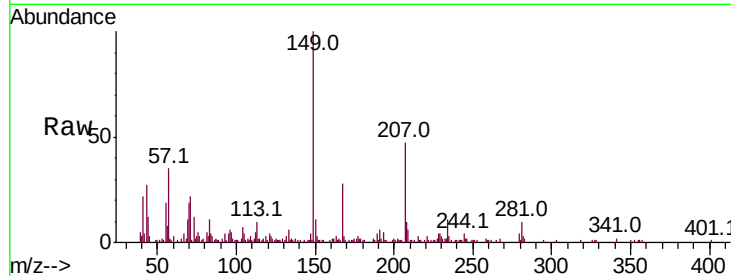
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 1.028 ng/ul
 RT: 21.16 min Scan# 3090
 Delta R.T. -0.01 min
 Lab File: BN006588.D
 Acq: 26 Jun 2019 21:04

Instrument :
 BNA_N
 ClientSampleId :
 C5AB1

Tot Ion	Ratio	Lower	Upper
149	100		
167	28.1	22.2	33.4
279	3.8	3.3	4.9

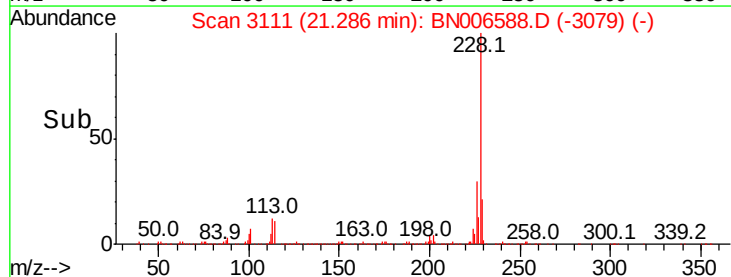
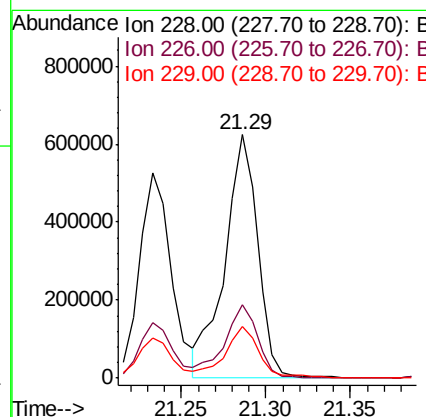
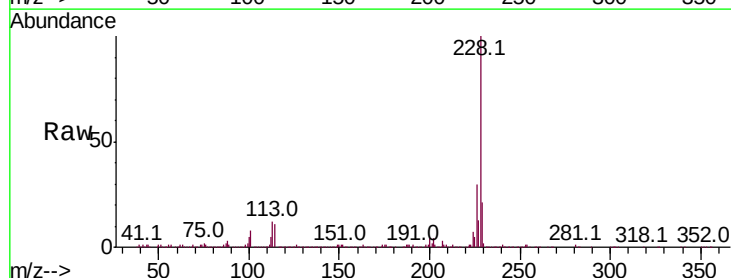
Manual Integrations
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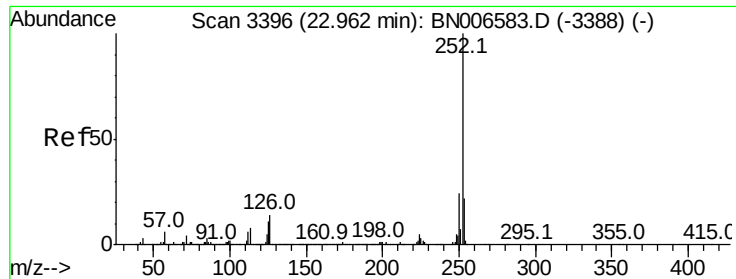
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#84
 Chrysene
 Concen: 12.148 ng/ul
 RT: 21.29 min Scan# 3111
 Delta R.T. -0.01 min
 Lab File: BN006588.D
 Acq: 26 Jun 2019 21:04

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.4	24.2	36.2
229	21.0	15.9	23.9





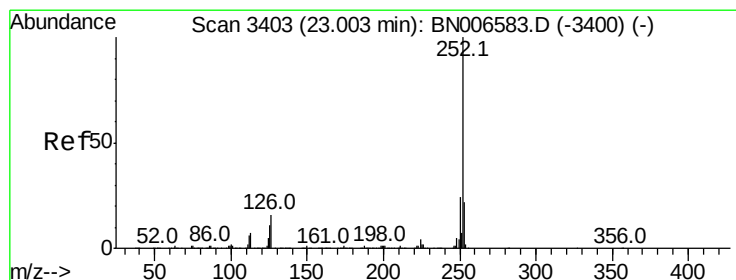
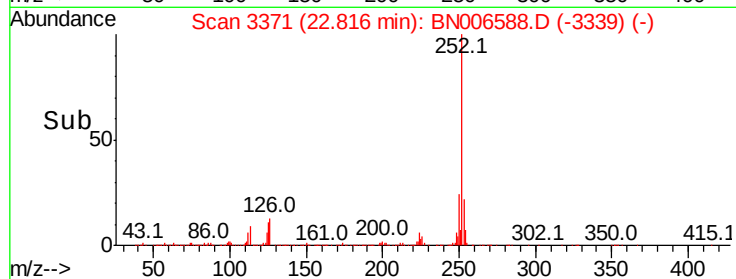
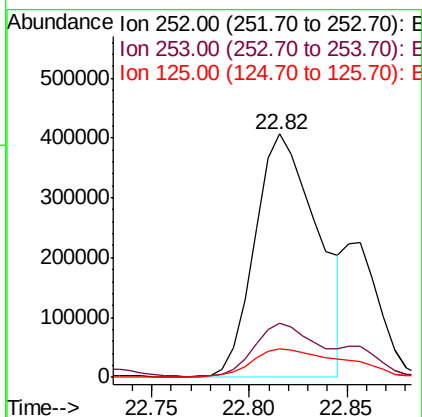
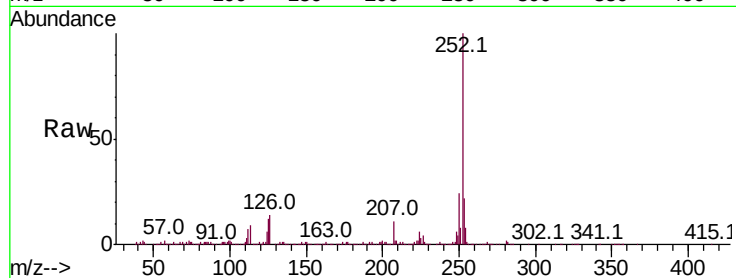
#87
Benzo(b)fluoranthene
Concen: 15.184 ng/ul
RT: 22.82 min Scan# 3371
Delta R.T. -0.01 min
Lab File: BN006588.D
Acq: 26 Jun 2019 21:04

Instrument :
BNA_N
ClientSampleId :
C5AB1

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.7	26.5
125	11.6	9.0	13.6

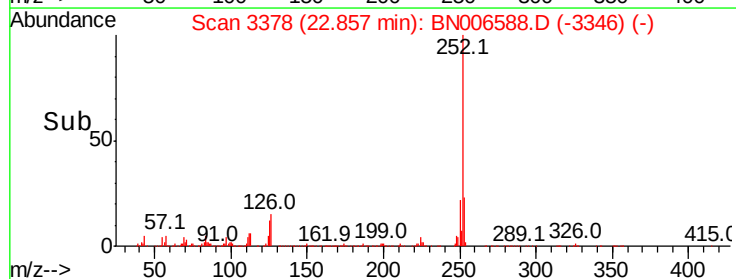
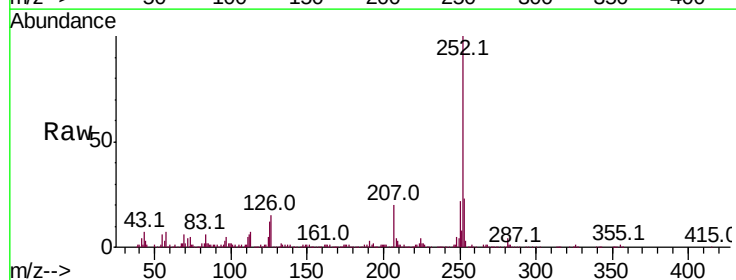
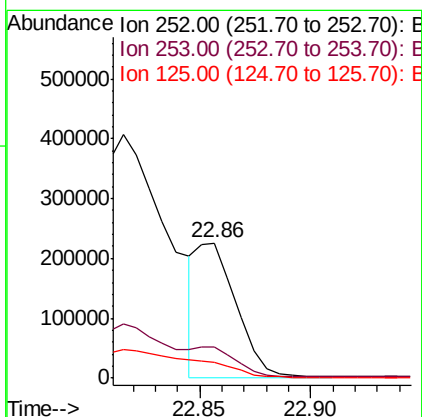
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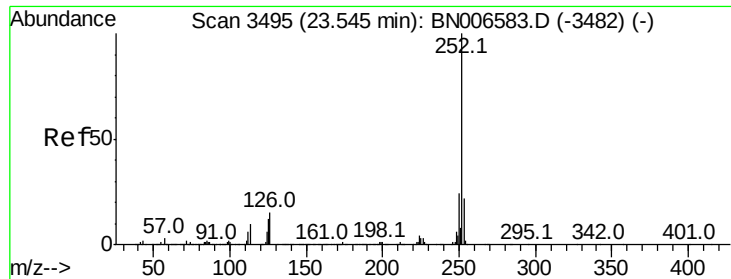
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#88
Benzo(k)fluoranthene
Concen: 4.917 ng/ul m
RT: 22.86 min Scan# 3378
Delta R.T. -0.01 min
Lab File: BN006588.D
Acq: 26 Jun 2019 21:04

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.9	17.4	26.0
125	12.0	9.1	13.7





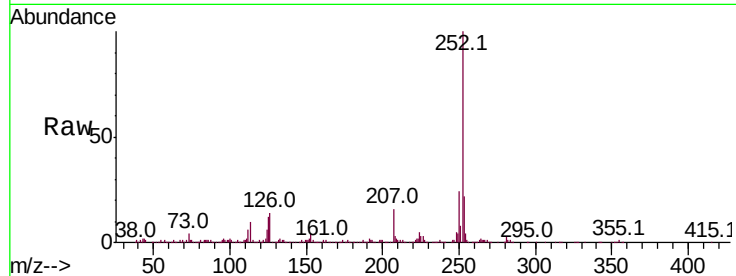
#90
Benzo(a)pyrene
Concen: 9.132 ng/ul
RT: 23.39 min Scan# 3468
Delta R.T. -0.01 min
Lab File: BN006588.D
Acq: 26 Jun 2019 21:04

Instrument :
BNA_N
ClientSampleId :
C5AB1

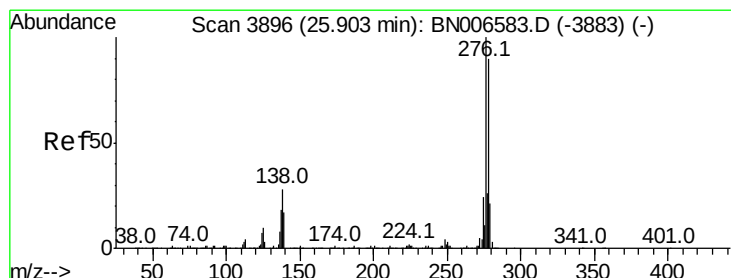
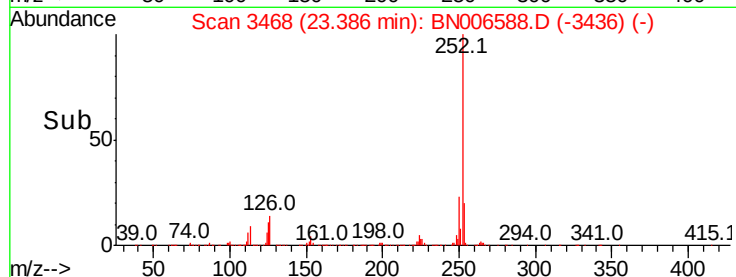
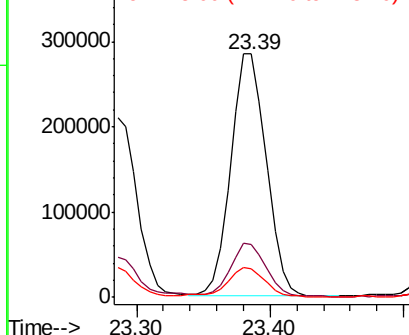
Tot Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.7	26.5
125	11.7	10.0	15.0

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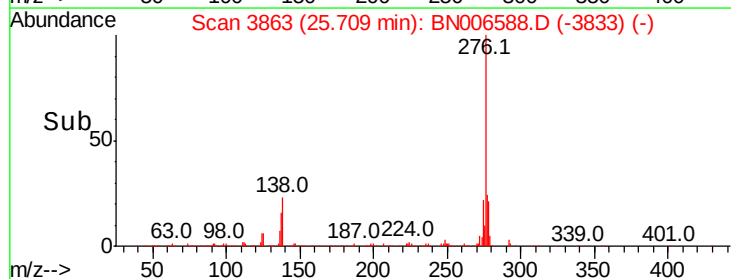
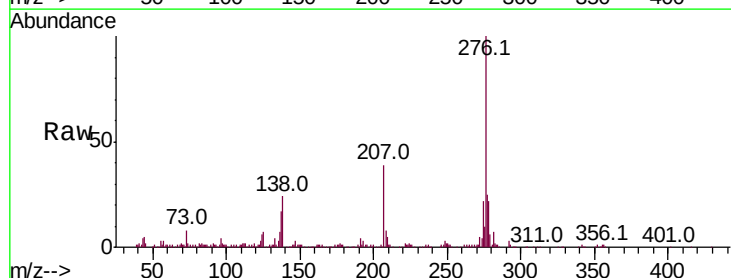
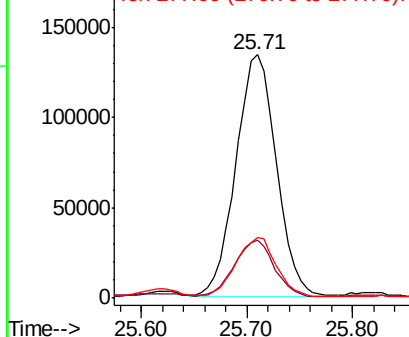
Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

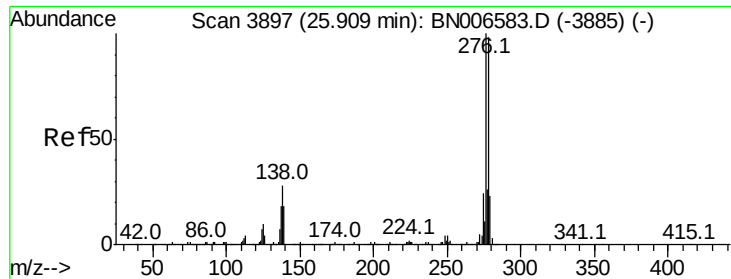


#91
Indeno(1,2,3-cd)pyrene
Concen: 5.242 ng/ul
RT: 25.71 min Scan# 3863
Delta R.T. -0.02 min
Lab File: BN006588.D
Acq: 26 Jun 2019 21:04

Tgt Ion	Ratio	Lower	Upper
276	100		
138	23.7	22.2	33.4
277	24.8	20.2	30.4

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





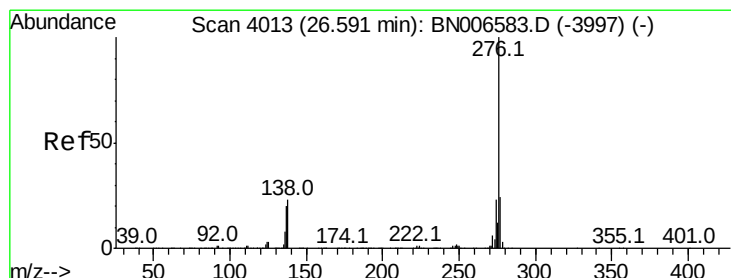
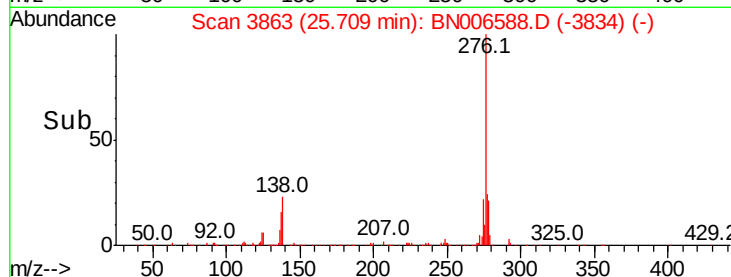
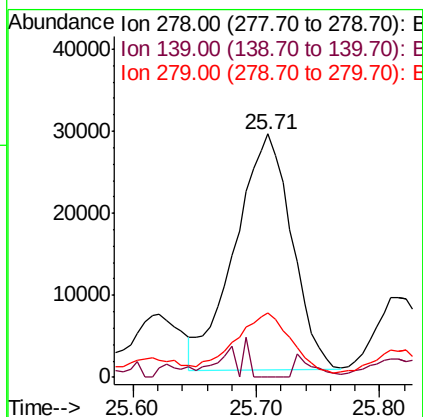
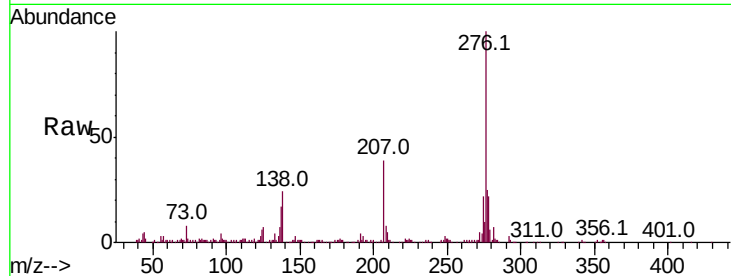
#92
Dibenzo(a,h)anthracene
Concen: 1.635 ng/ul m
RT: 25.71 min Scan# 3863
Delta R.T. -0.03 min
Lab File: BN006588.D
Acq: 26 Jun 2019 21:04

Instrument :
BNA_N
ClientSampleId :
C5AB1

Tot Ion	Ratio	Lower	Upper
278	100		
139	0.0	14.2	21.4#
279	26.2	18.8	28.2

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#93
Benzo(g,h,i)perylene
Concen: 4.643 ng/ul
RT: 26.39 min Scan# 3979
Delta R.T. -0.02 min
Lab File: BN006588.D
Acq: 26 Jun 2019 21:04

Tgt Ion	Ratio	Lower	Upper
276	100		
138	23.9	19.1	28.7
277	25.1	19.4	29.0

