

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN053119\
 Data File : BN005984.D
 Acq On : 31 May 2019 17:44
 Operator : JU/SJ
 Sample : K2924-13
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4275

Manual Integrations
 APPROVED

mohammad
 6/5/2019 6:10:59 AM

Quant Time: May 31 18:43:12 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN052819MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri May 31 15:02:18 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.74	152	410129	20.00	ng/ul	0.00
18) Naphthalene-d8	10.53	136	1894505	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.40	164	1137468	20.00	ng/ul	0.01
61) Phenanthrene-d10	17.15	188	2514727	20.00	ng/ul	0.01
77) Chrysene-d12	21.36	240	1870634	20.00	ng/ul	0.00
85) Perylene-d12	23.66	264	1711531	20.00	ng/ul	0.02

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.26	96	47697	5.12	ng/uL	0.00
5) Phenol-d5	6.91	99	1001717	27.56	ng/ul	0.01
7) Bis-(2-Chloroethyl)ether-d	7.07	67	578116	27.87	ng/ul	0.00
9) 2-Chlorophenol-d4	7.27	132	802933	29.00	ng/ul	0.00
13) 4-Methylphenol-d8	8.44	113	710375	24.21	ng/ul	0.00
19) Nitrobenzene-d5	8.89	128	418080	34.38	ng/ul	0.00
22) 2-Nitrophenol-d4	9.62	143	467232	41.26	ng/ul	0.01
26) 2,4-Dichlorophenol-d3	10.15	165	853747	31.93	ng/ul	0.01
29) 4-Chloroaniline-d4	10.67	131	484269	13.81	ng/ul	0.00
43) Dimethylphthalate-d6	13.81	166	2674026	31.89	ng/ul	0.01
46) Acenaphthylene-d8	14.09	160	3238198	30.87	ng/ul	0.01
51) 4-Nitrophenol-d4	14.60	143	397525	26.05	ng/ul	0.01
57) Fluorene-d10	15.39	176	2242022	31.88	ng/ul	0.01
62) 4,6-Dinitro-2-methylphenol	15.52	200	393929	38.43	ng/ul	0.02
70) Anthracene-d10	17.25	188	3233649	30.21	ng/ul	0.02
78) Pyrene-d10	19.56	212	3409328	36.09	ng/ul	0.01
89) Benzo(a)pyrene-d12	23.51	264	2296689	30.07	ng/ul	0.02

Target Compounds

					Ovalue
4) Benzaldehyde	6.88	77	57855	2.305	ng/ul 95
44) Dimethylphthalate	13.85	163	893827	10.665	ng/ul 100
69) Phenanthrene	17.19	178	441386	3.543	ng/ul 99
76) Fluoranthene	19.22	202	1042404	7.837	ng/ul# 94
79) Pyrene	19.59	202	819514	6.916	ng/ul 97
82) Benzo(a)anthracene	21.35	228	359693	3.059	ng/ul 96
84) Chrysene	21.40	228	407659m	3.717	ng/ul
87) Benzo(b)fluoranthene	22.96	252	428282	4.455	ng/ul# 85
88) Benzo(k)fluoranthene	23.01	252	188026m	2.127	ng/ul
90) Benzo(a)pyrene	23.55	252	266165	2.936	ng/ul# 85
91) Indeno(1,2,3-cd)pyrene	25.96	276	187073	1.759	ng/ul 95
93) Benzo(g,h,i)perylene	26.67	276	117779	1.315	ng/ul# 88

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

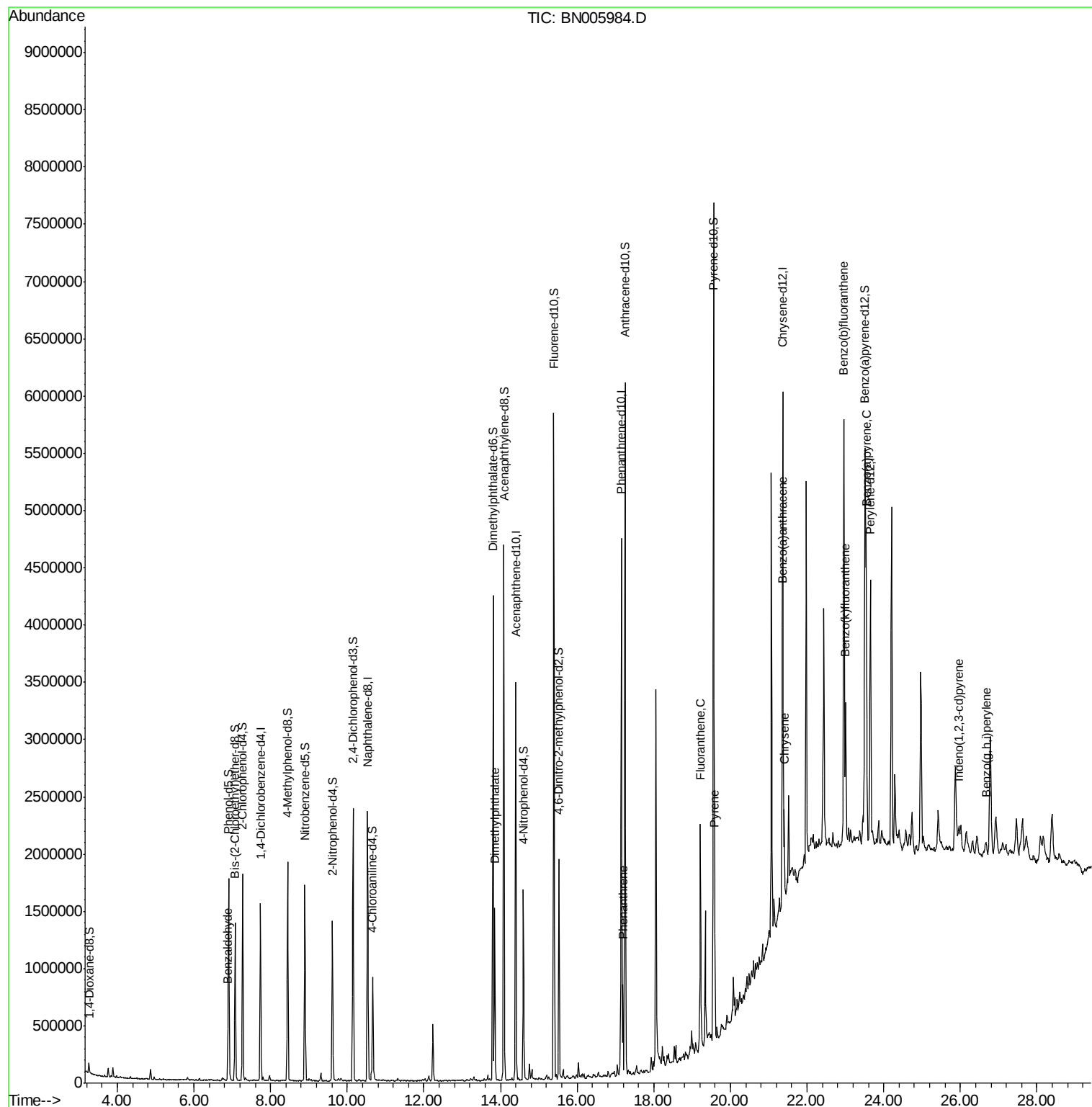
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN053119\
Data File : BN005984.D
Acq On : 31 May 2019 17:44
Operator : JU/SJ
Sample : K2924-13
Misc :
ALS Vial : 13 Sample Multiplier: 1

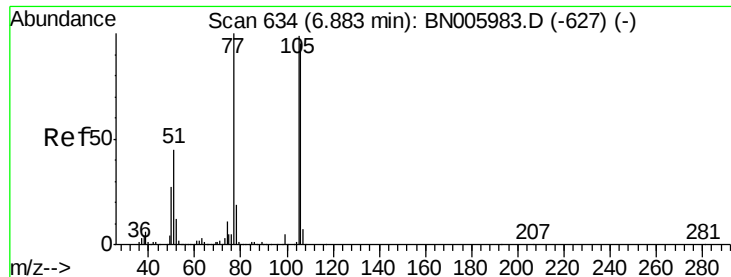
Instrument :
BNA_N
ClientSampled :
A4275

Quant Time: May 31 18:43:12 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN052819MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri May 31 15:02:18 2019
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#4

Benzaldehyde

Concen: 2.305 ng/ul

RT: 6.88 min Scan# 634

Delta R.T. 0.01 min

Lab File: BN005984.D

Acq: 31 May 2019 17:44

Instrument :

BNA_N

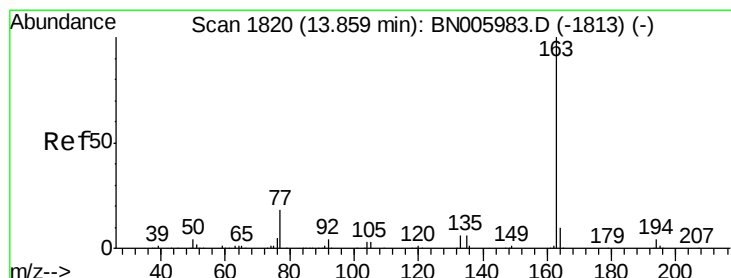
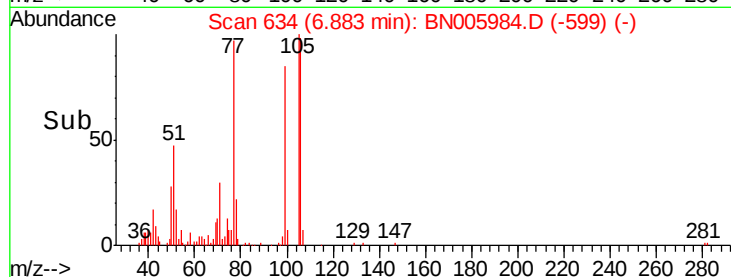
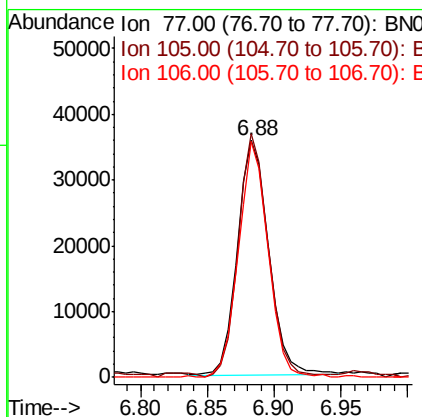
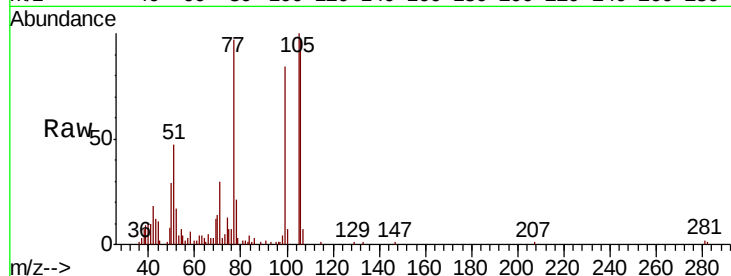
ClientSampled :

A4275

Tot Ion	Ratio	Lower	Upper
77	100		
105	102.8	77.4	116.2
106	99.8	76.3	114.5

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#44

Dimethylphthalate

Concen: 10.665 ng/ul

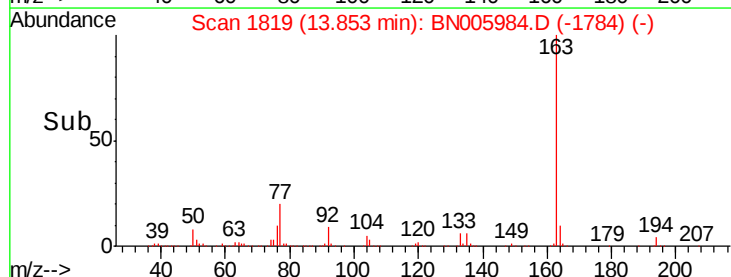
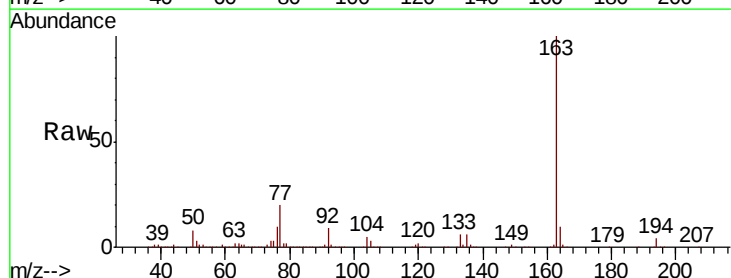
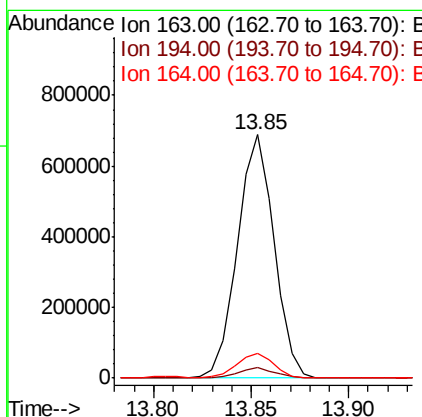
RT: 13.85 min Scan# 1819

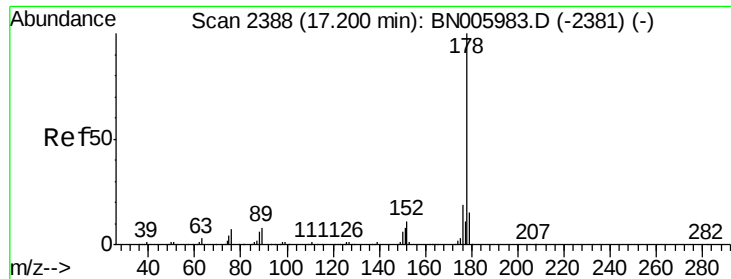
Delta R.T. 0.01 min

Lab File: BN005984.D

Acq: 31 May 2019 17:44

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.2	3.4	5.0
164	9.9	8.1	12.1





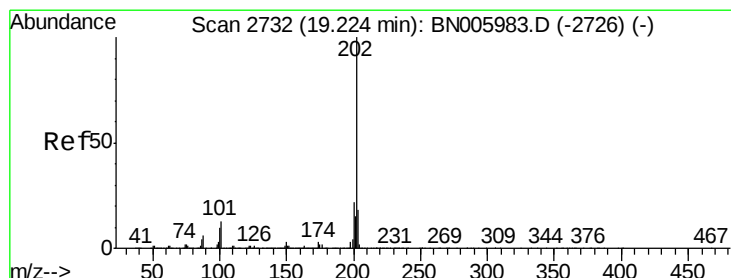
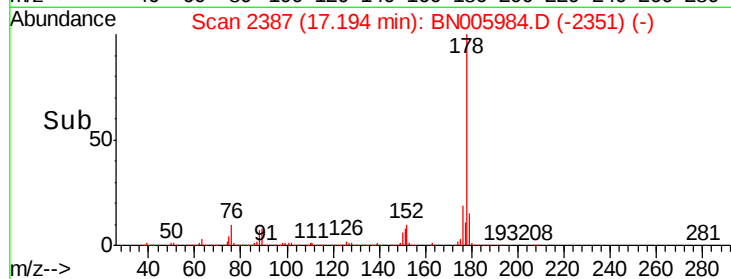
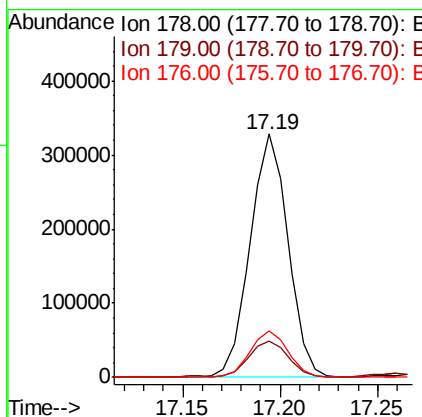
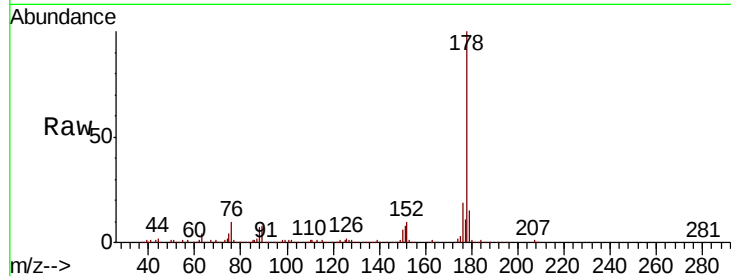
#69
Phenanthrene
Concen: 3.543 ng/ul
RT: 17.19 min Scan# 2387
Delta R.T. 0.01 min
Lab File: BN005984.D
Acq: 31 May 2019 17:44

Instrument :
BNA_N
ClientSampleId :
A4275

Tot Ion	Ratio	Lower	Upper
178	100		
179	15.0	12.2	18.4
176	19.1	15.1	22.7

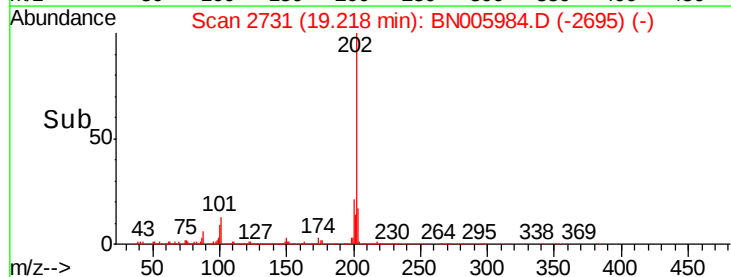
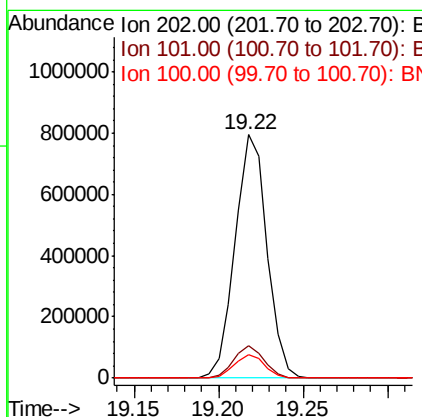
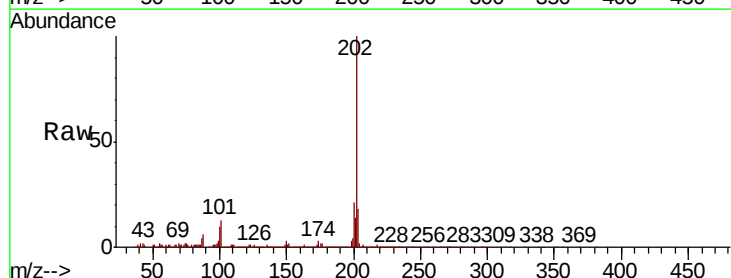
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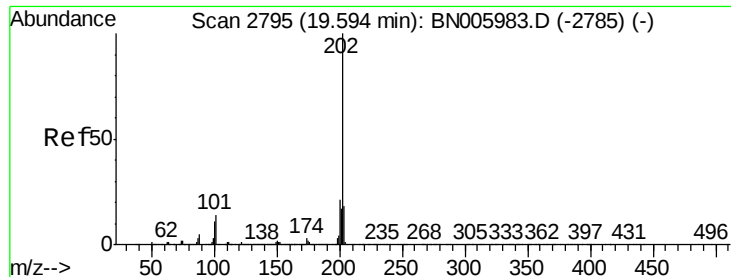
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#76
Fluoranthene
Concen: 7.837 ng/ul
RT: 19.22 min Scan# 2731
Delta R.T. 0.01 min
Lab File: BN005984.D
Acq: 31 May 2019 17:44

Tgt Ion	Ratio	Lower	Upper
202	100		
101	13.3	8.6	12.8#
100	9.5	6.3	9.5#





#79

Pvrene

Concen: 6.916 ng/ul

RT: 19.59 min Scan# 2794

Delta R.T. 0.01 min

Lab File: BN005984.D

Acq: 31 May 2019 17:44

Instrument :

BNA_N

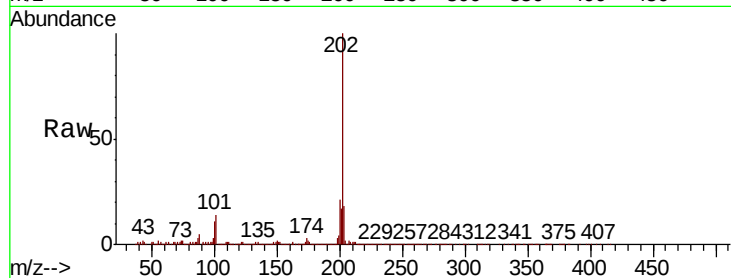
ClientSampleId :

A4275

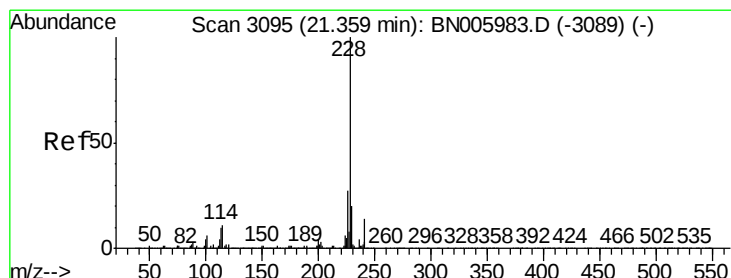
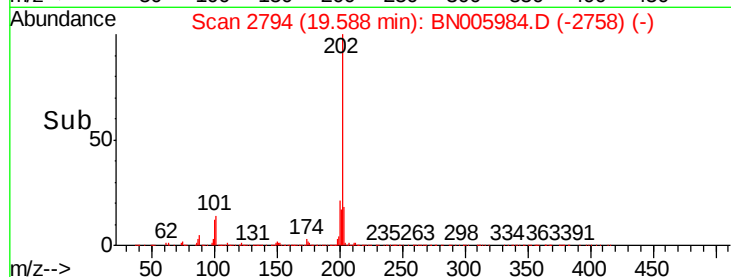
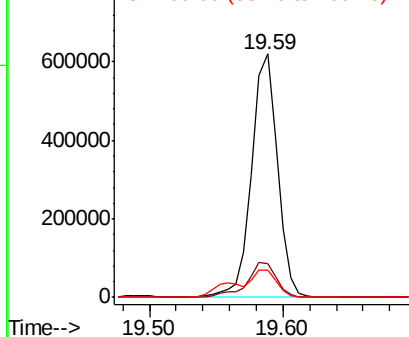
Tot Ion:	202	Resp:	819514
Ion Ratio	Lower	Upper	
202	100		
101	13.7	10.3	15.5
100	11.4	7.9	11.9

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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



#82

Benzo(a)anthracene

Concen: 3.059 ng/ul

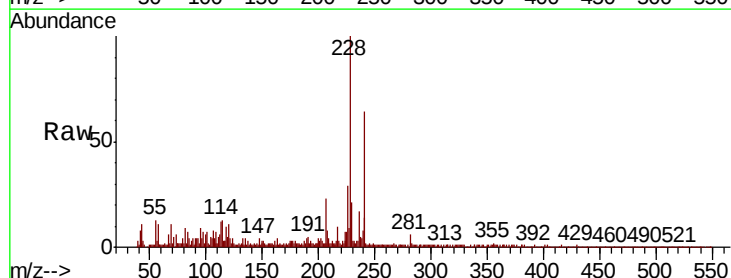
RT: 21.35 min Scan# 3093

Delta R.T. 0.01 min

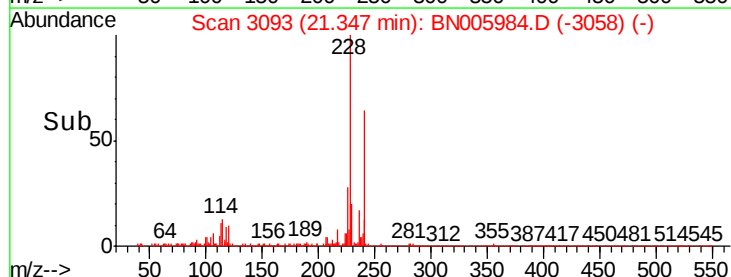
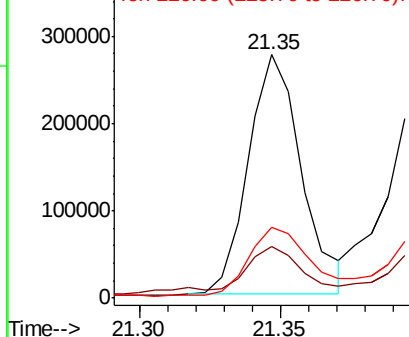
Lab File: BN005984.D

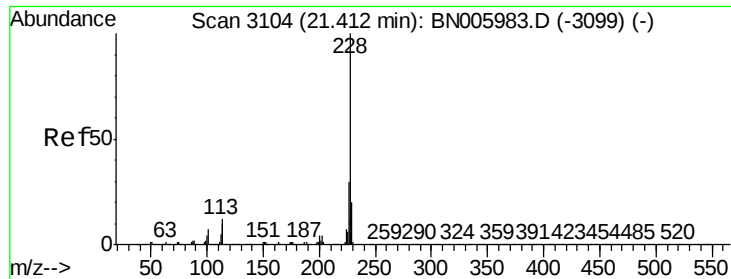
Acq: 31 May 2019 17:44

Tgt Ion:	228	Resp:	359693
Ion Ratio	Lower	Upper	
228	100		
229	21.1	15.8	23.6
226	29.0	21.4	32.2



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





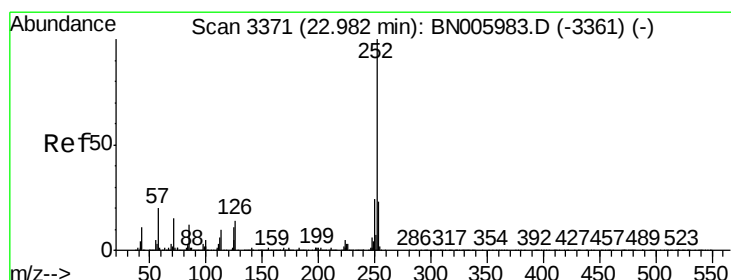
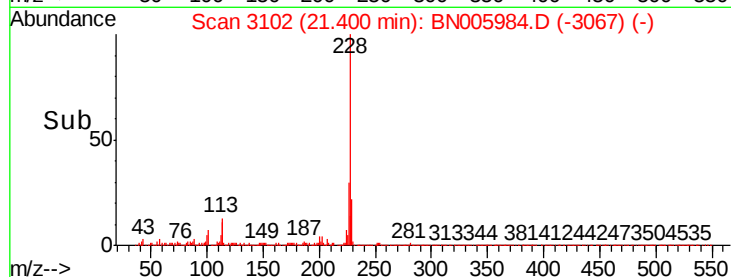
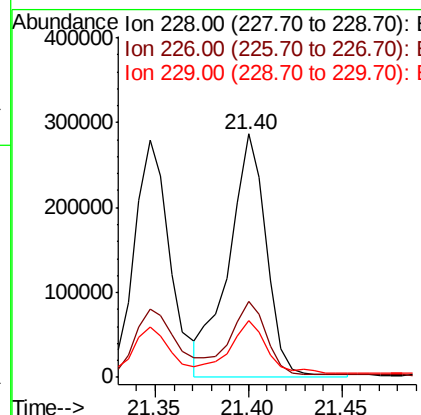
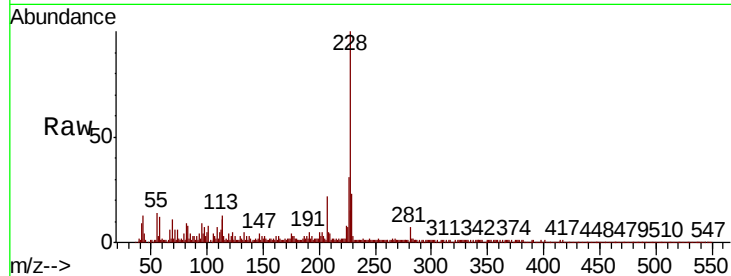
#84
Chrysene
Concen: 3.717 ng/ul m
RT: 21.40 min Scan# 3102
Delta R.T. 0.01 min
Lab File: BN005984.D
Acq: 31 May 2019 17:44

Instrument :
BNA_N
ClientSampleId :
A4275

Tot Ion	Ratio	Lower	Upper
228	100		
226	31.0	24.0	36.0
229	23.1	15.4	23.0

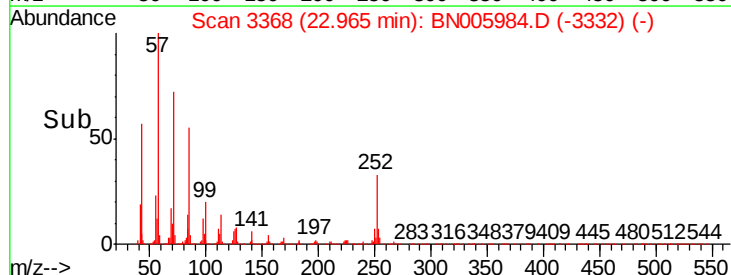
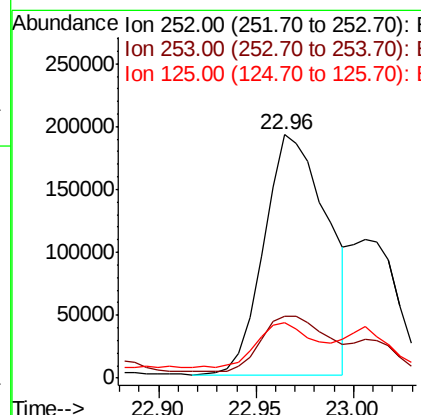
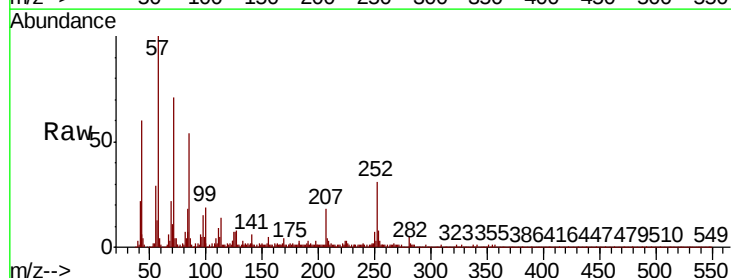
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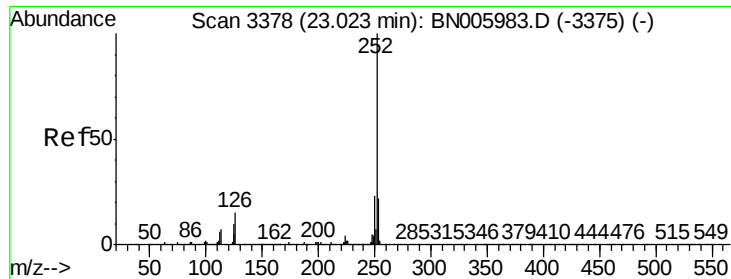
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#87
Benzo(b)fluoranthene
Concen: 4.455 ng/ul
RT: 22.96 min Scan# 3368
Delta R.T. 0.01 min
Lab File: BN005984.D
Acq: 31 May 2019 17:44

Tgt Ion	Ratio	Lower	Upper
252	100		
253	25.3	17.7	26.5
125	23.0	8.4	12.6





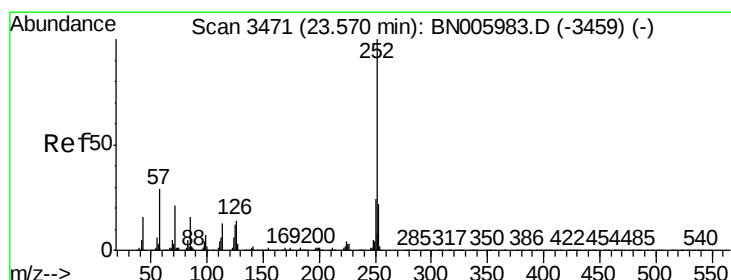
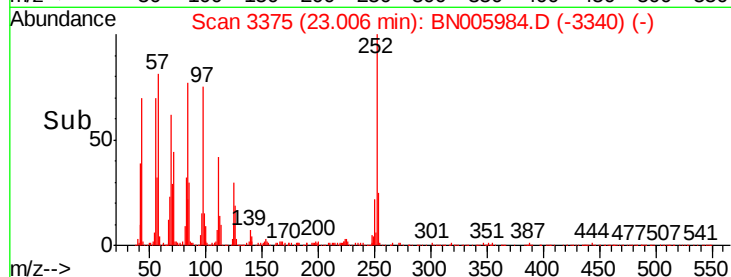
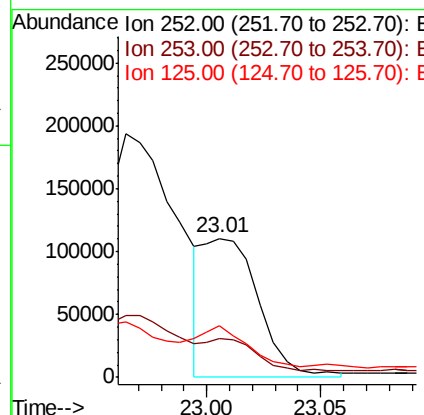
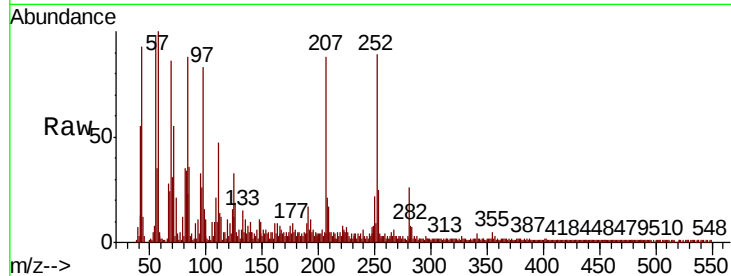
#88
Benzo(k)fluoranthene
Concen: 2.127 ng/ul m
RT: 23.01 min Scan# 3375
Delta R.T. 0.01 min
Lab File: BN005984.D
Acq: 31 May 2019 17:44

Instrument :
BNA_N
ClientSampled :
A4275

Tot Ion	Ratio	Resp	Lower	Upper
252	100	188026		
253	28.3	17.4	26.0#	
125	37.5	7.5	11.3#	

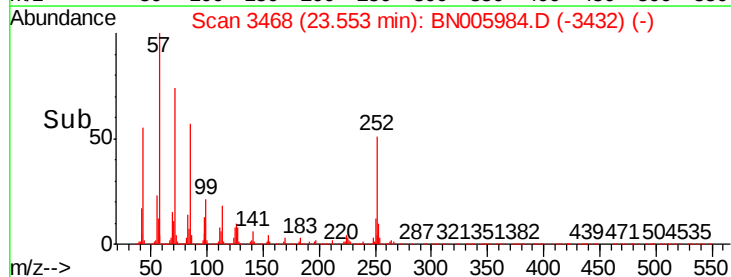
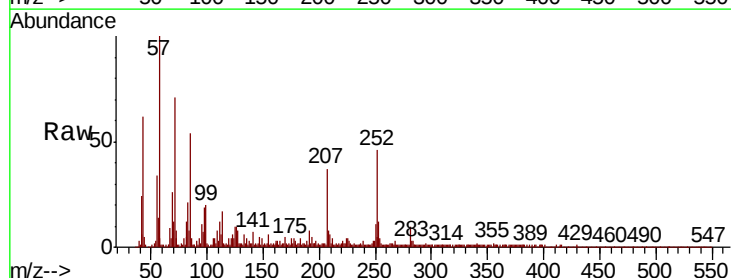
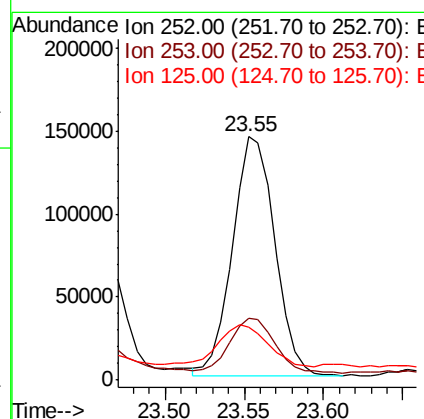
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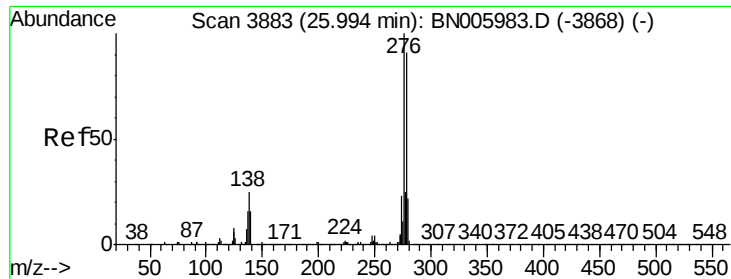
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#90
Benzo(a)pyrene
Concen: 2.936 ng/ul
RT: 23.55 min Scan# 3468
Delta R.T. 0.01 min
Lab File: BN005984.D
Acq: 31 May 2019 17:44

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	266165		
253	25.6	17.3	25.9	
125	21.6	8.6	13.0#	





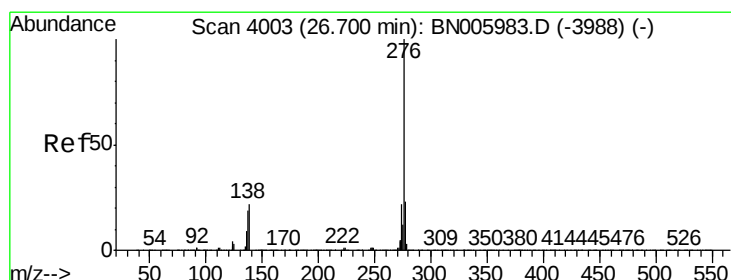
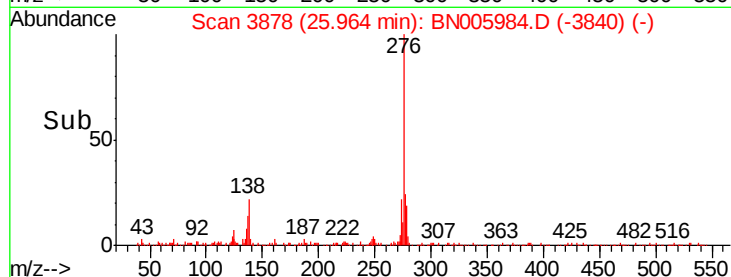
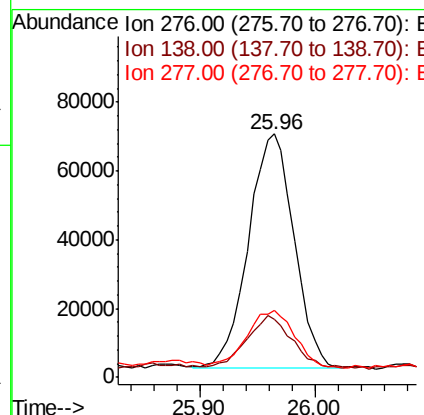
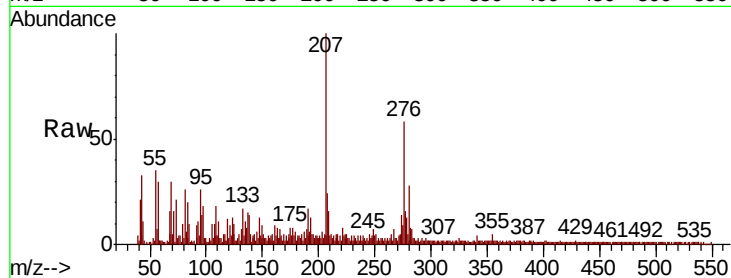
#91
Indeno(1,2,3-cd)pyrene
Concen: 1.759 ng/ul
RT: 25.96 min Scan# 3878
Delta R.T. 0.02 min
Lab File: BN005984.D
Acq: 31 May 2019 17:44

Instrument :
BNA_N
ClientSampleId :
A4275

Tot Ion	Ratio	Lower	Upper
276	100		
138	23.9	17.9	26.9
277	27.7	19.7	29.5

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#93
Benzo(g,h,i)perylene
Concen: 1.315 ng/ul
RT: 26.67 min Scan# 3998
Delta R.T. 0.02 min
Lab File: BN005984.D
Acq: 31 May 2019 17:44

Tgt Ion	Ratio	Lower	Upper
276	100		
138	26.1	16.7	25.1#
277	28.7	18.2	27.2#

