

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN052219\
 Data File : BN005876.D
 Acq On : 23 May 2019 06:25
 Operator : JU/SJ
 Sample : K2927-09
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A42A6

Manual Integrations
 APPROVED

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 5/23/2019 3:31:38 PM

Quant Time: May 23 07:29:04 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN051819MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed May 22 04:04:33 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.56	152	88656	20.00	ng/ul	0.00
18) Naphthalene-d8	10.32	136	387431	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.20	164	267443	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.96	188	671975	20.00	ng/ul	0.00
77) Chrysene-d12	21.20	240	712964	20.00	ng/ul	0.00
85) Perylene-d12	23.40	264	664130	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.18	96	8988m	5.68	ng/uL	0.00
5) Phenol-d5	6.76	99	188357	27.49	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.90	67	108738	30.42	ng/ul	0.00
9) 2-Chlorophenol-d4	7.10	132	163954	29.76	ng/ul	0.00
13) 4-Methylphenol-d8	8.28	113	152681	26.06	ng/ul	0.00
19) Nitrobenzene-d5	8.71	128	85788	30.50	ng/ul	0.00
22) 2-Nitrophenol-d4	9.43	143	93953	28.93	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.97	165	173183	27.94	ng/ul	0.00
29) 4-Chloroaniline-d4	10.48	131	187085	27.18	ng/ul	0.00
43) Dimethylphthalate-d6	13.62	166	671692	32.64	ng/ul	0.00
46) Acenaphthylene-d8	13.89	160	791572	31.66	ng/ul	0.00
51) 4-Nitrophenol-d4	14.47	143	73232m	25.26	ng/ul	0.02
57) Fluorene-d10	15.20	176	593465	33.58	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.37	200	36289	8.98	ng/ul	0.00
70) Anthracene-d10	17.06	188	971532	33.47	ng/ul	0.00
78) Pyrene-d10	19.37	212	1185679	33.75	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.26	264	974058	32.70	ng/ul	0.00

Target Compounds

					Ovalue	
44) Dimethylphthalate	13.66	163	218192	10.754	ng/ul	99
69) Phenanthrene	17.00	178	122847	3.688	ng/ul	96
71) Anthracene	17.09	178	36632	1.080	ng/ul	98
76) Fluoranthene	19.04	202	391015	9.495	ng/ul#	89
79) Pyrene	19.40	202	393214	8.981	ng/ul#	87
82) Benzo(a)anthracene	21.18	228	234224	5.215	ng/ul	98
83) Bis(2-ethylhexyl)phthalate	21.12	149	115481	4.538	ng/ul#	95
84) Chrysene	21.23	228	204269	4.824	ng/ul	98
87) Benzo(b)fluoranthene	22.75	252	231224	6.329	ng/ul#	97
88) Benzo(k)fluoranthene	22.79	252	71257m	2.016	ng/ul	
90) Benzo(a)pyrene	23.31	252	157616m	4.455	ng/ul	
91) Indeno(1,2,3-cd)pyrene	25.60	276	82873	1.916	ng/ul#	88
93) Benzo(g,h,i)perylene	26.27	276	55583	1.537	ng/ul#	91

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

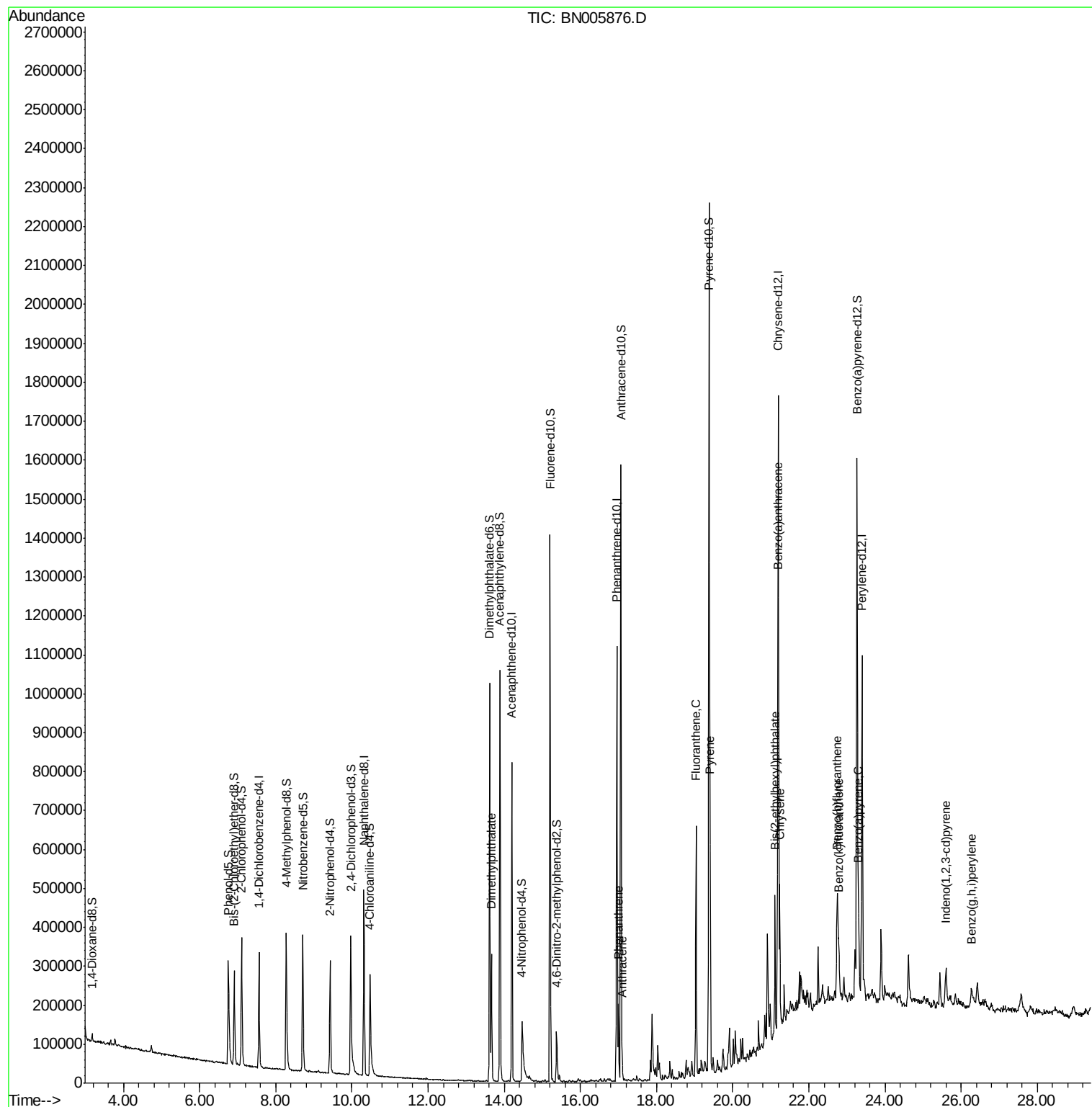
Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN052219\
Data File : BN005876.D
Acq On : 23 May 2019 06:25
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Sample : K2927-09
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ALS Vial : 25 Sample Multiplier: 1

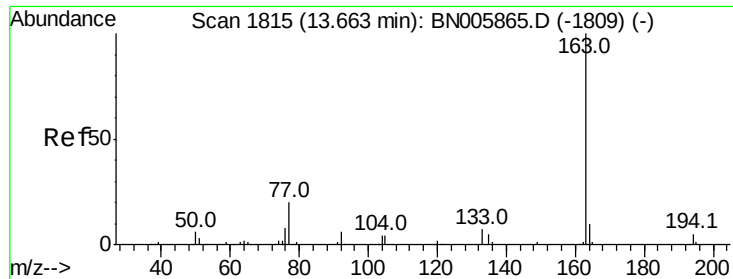
Instrument :
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Quant Time: May 23 07:29:04 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN051819MA.M
Quant Title : SVOA CALIBRATION
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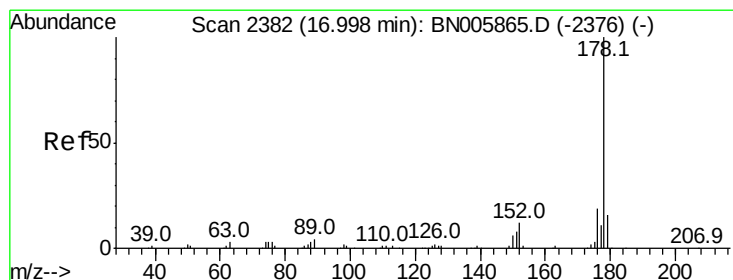
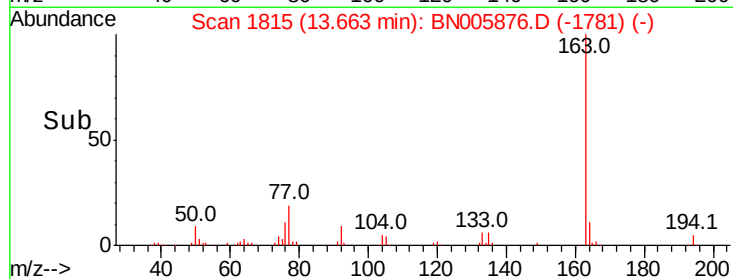
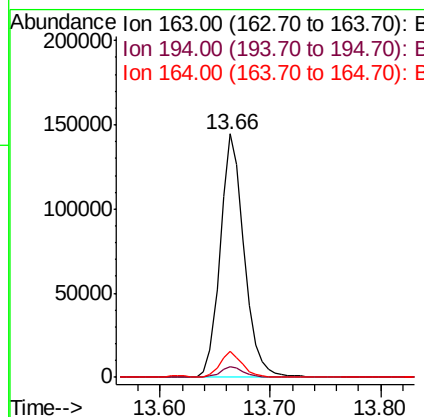
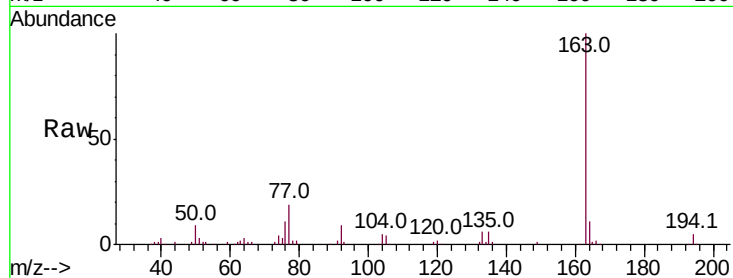
#44
Dimethylphthalate
Concen: 10.754 ng/ul
RT: 13.66 min Scan# 1815
Delta R.T. -0.00 min
Lab File: BN005876.D
Acq: 23 May 2019 06:25

Instrument :
BNA_N
ClientSampleId :
A42A6

Tot Ion	Ratio	Resp	Lower	Upper
163	100	218192		
194	4.6		3.4	5.0
164	10.6		8.1	12.1

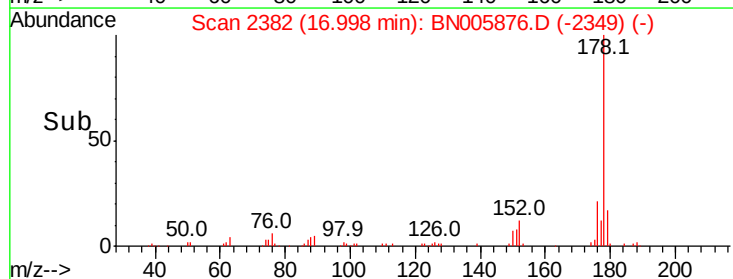
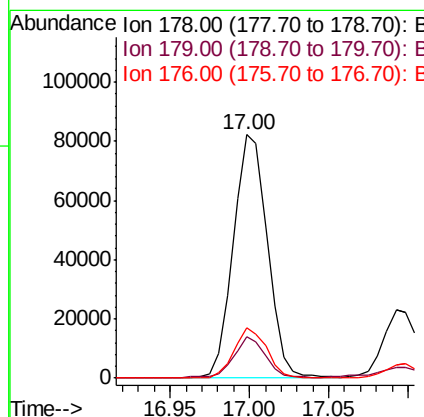
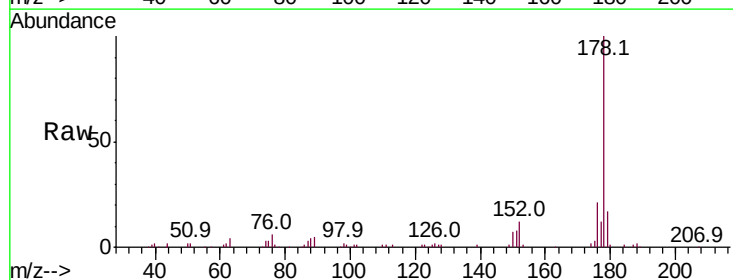
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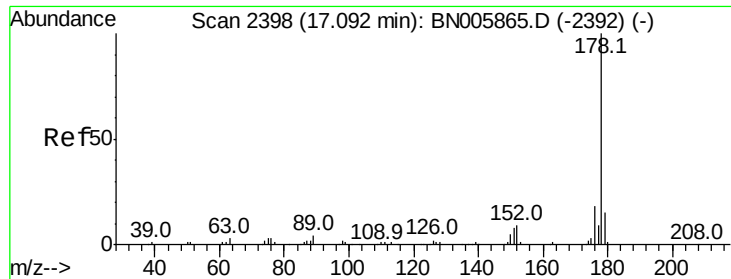
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#69
Phenanthrene
Concen: 3.688 ng/ul
RT: 17.00 min Scan# 2382
Delta R.T. -0.01 min
Lab File: BN005876.D
Acq: 23 May 2019 06:25

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	122847		
179	16.9		12.2	18.4
176	20.9		15.1	22.7





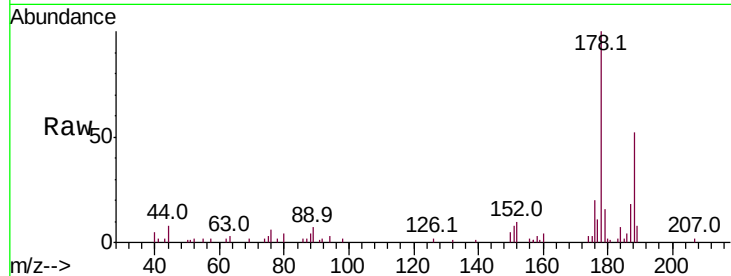
#71
 Anthracene
 Concen: 1.080 ng/ul
 RT: 17.09 min Scan# 2398
 Delta R.T. -0.00 min
 Lab File: BN005876.D
 Acq: 23 May 2019 06:25

Instrument :
 BNA_N
 ClientSampled :
 A42A6

Tot Ion	Ratio	Lower	Upper
178	100		
179	16.3	12.3	18.5
176	20.0	15.1	22.7

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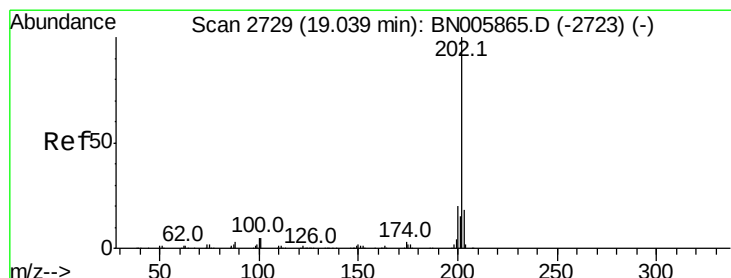
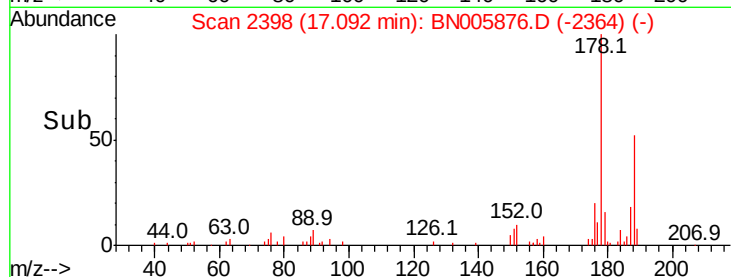
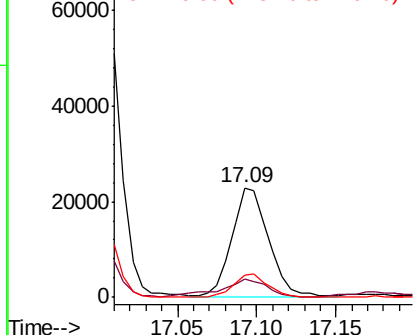


Abundance

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
 Fluoranthene
 Concen: 9.495 ng/ul
 RT: 19.04 min Scan# 2729
 Delta R.T. -0.00 min
 Lab File: BN005876.D
 Acq: 23 May 2019 06:25

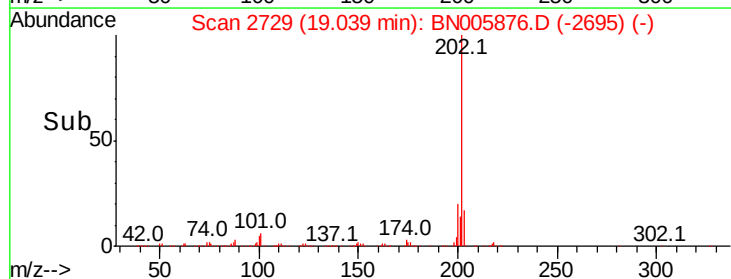
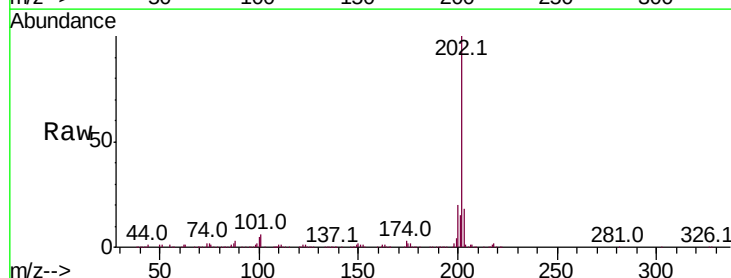
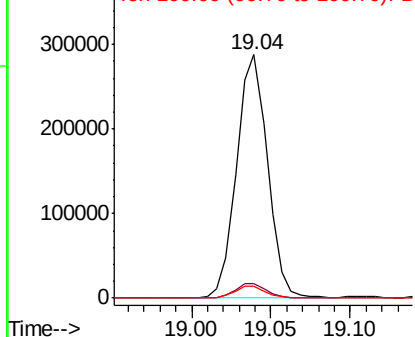
Tgt Ion	Ratio	Lower	Upper
202	100		
101	5.8	8.6	12.8#
100	4.8	6.3	9.5#

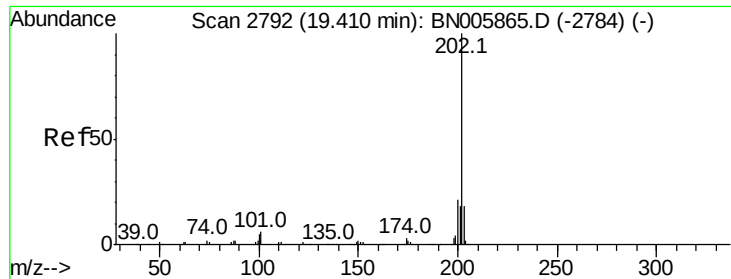
Abundance

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





#79

Pvrene

Concen: 8.981 ng/ul

RT: 19.40 min Scan# 2791

Delta R.T. -0.00 min

Lab File: BN005876.D

Acq: 23 May 2019 06:25

Instrument :

BNA_N

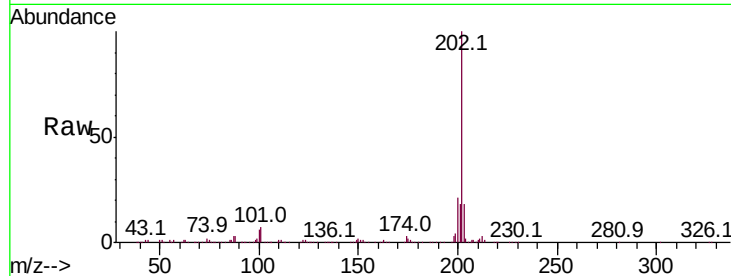
ClientSampleId :

A42A6

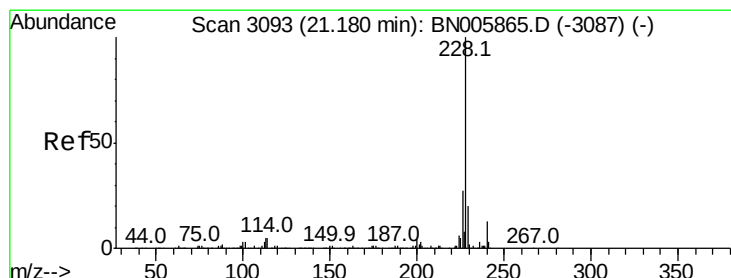
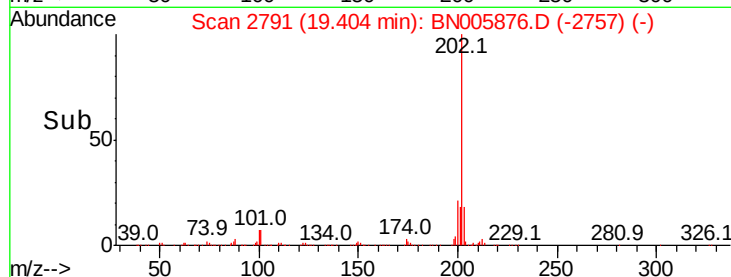
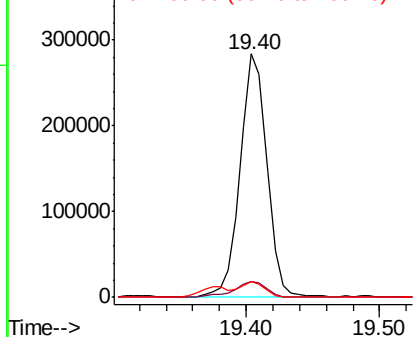
Tot Ion:	202	Resp:	393214
Ion Ratio	Lower	Upper	
202	100		
101	6.7	10.3	15.5#
100	6.4	7.9	11.9#

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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: 5.215 ng/ul

RT: 21.18 min Scan# 3093

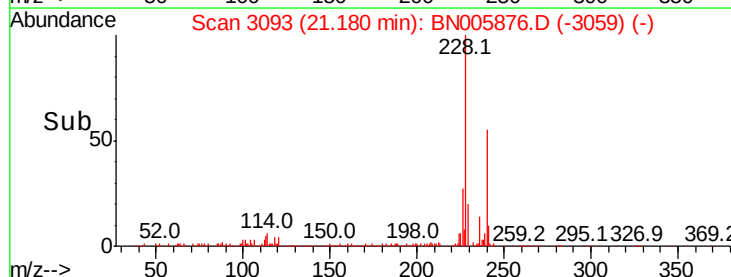
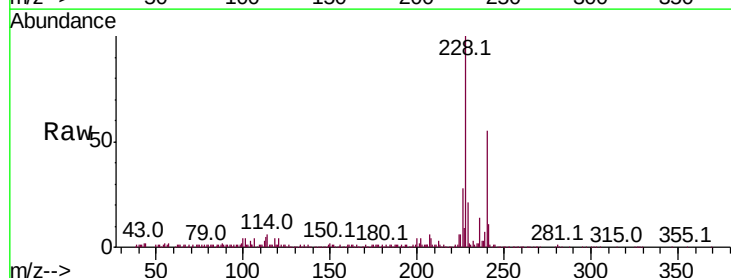
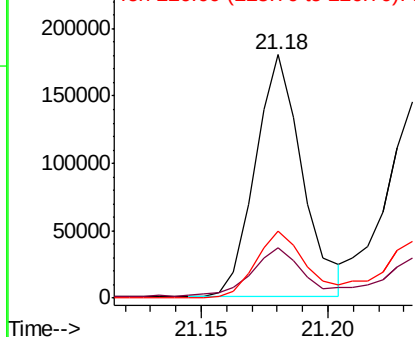
Delta R.T. -0.00 min

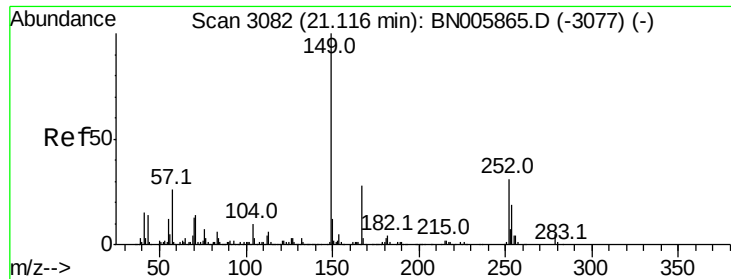
Lab File: BN005876.D

Acq: 23 May 2019 06:25

Tgt Ion:	228	Resp:	234224
Ion Ratio	Lower	Upper	
228	100		
229	20.8	15.8	23.6
226	27.5	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





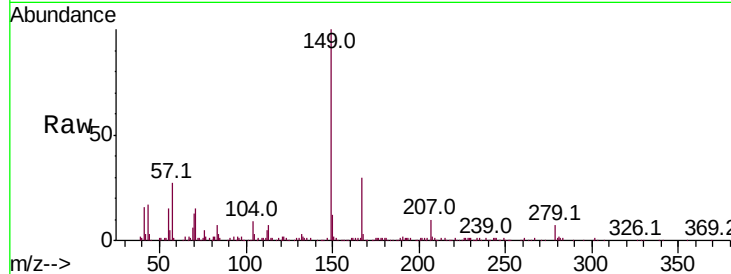
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 4.538 ng/ul
 RT: 21.12 min Scan# 3082
 Delta R.T. -0.00 min
 Lab File: BN005876.D
 Acq: 23 May 2019 06:25

Instrument :
 BNA_N
 ClientSampleId :
 A42A6

Tot Ion	Ratio	Resp	Lower	Upper
149	100	115481		
167	30.3	22.3	33.5	
279	6.7	3.3	4.9#	

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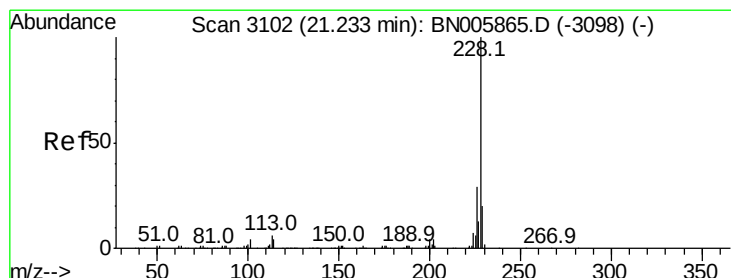
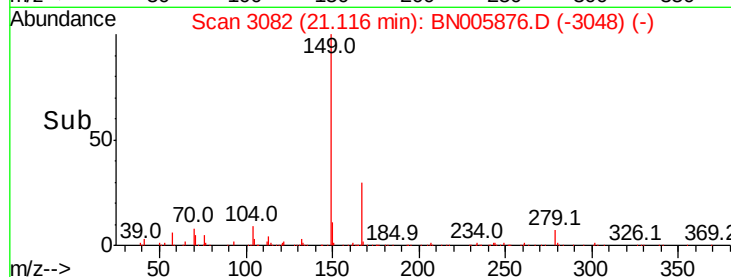
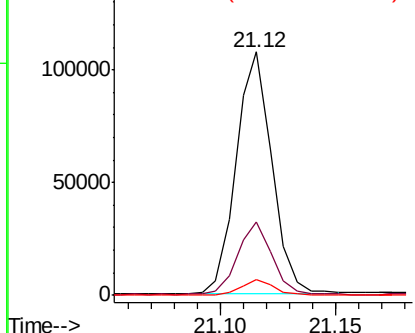


Abundance

Ion 149.00 (148.70 to 149.70): E

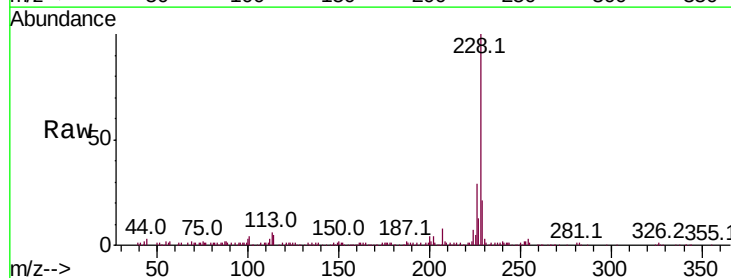
Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84
 Chrysene
 Concen: 4.824 ng/ul
 RT: 21.23 min Scan# 3102
 Delta R.T. -0.00 min
 Lab File: BN005876.D
 Acq: 23 May 2019 06:25

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	204269		
226	29.0	24.0	36.0	
229	20.6	15.4	23.0	

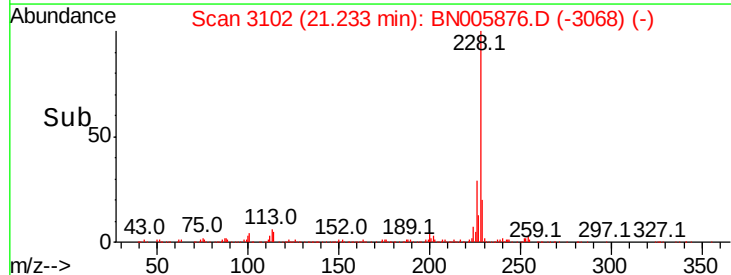
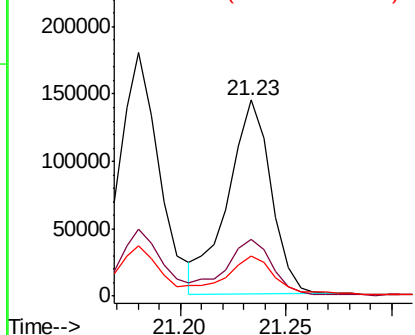


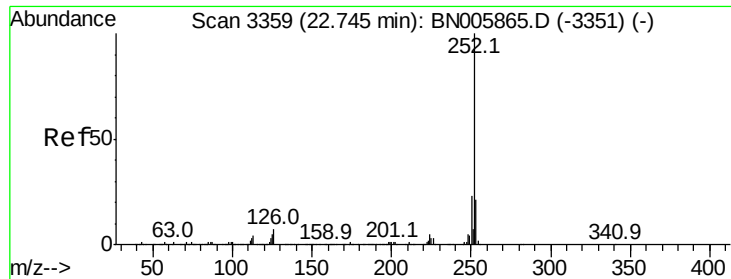
Abundance

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

Benzo(b)fluoranthene

Concen: 6.329 ng/ul

RT: 22.75 min Scan# 3360

Delta R.T. 0.01 min

Lab File: BN005876.D

Acq: 23 May 2019 06:25

Instrument :

BNA_N

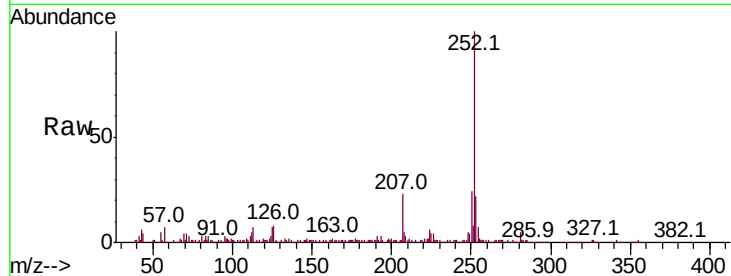
ClientSampled :

A42A6

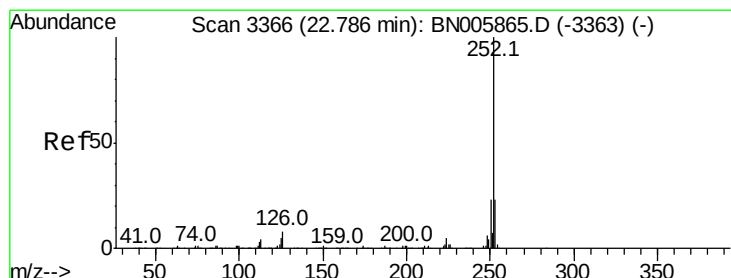
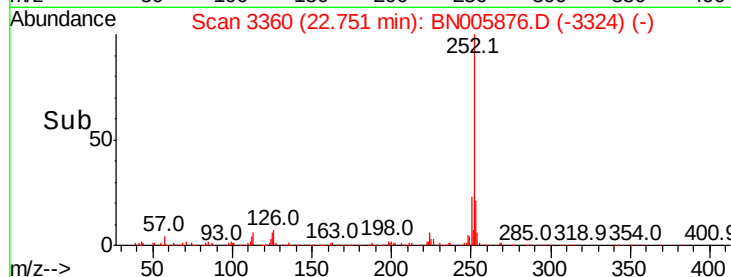
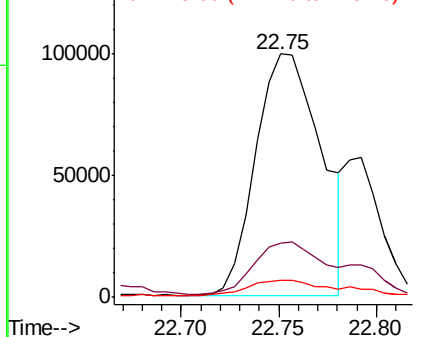
Tot Ion:	252	Resp:	231224
Ion Ratio	Lower	Upper	
252	100		
253	22.1	17.7	26.5
125	7.0	8.4	12.6#

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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



#88

Benzo(k)fluoranthene

Concen: 2.016 ng/ul m

RT: 22.79 min Scan# 3367

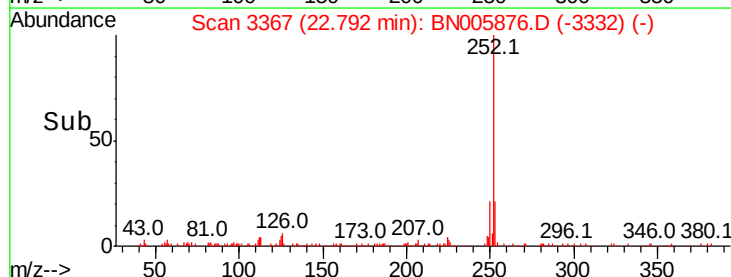
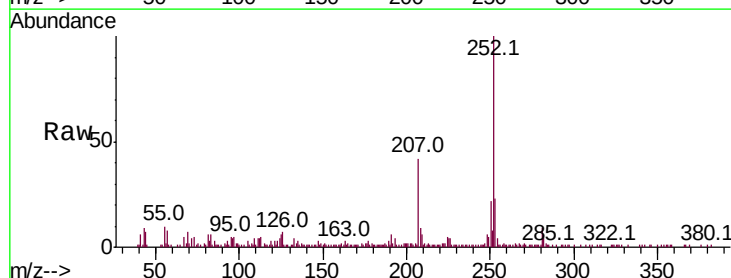
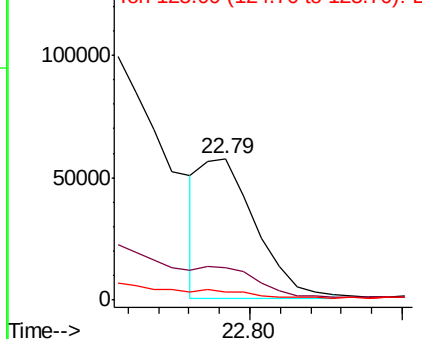
Delta R.T. 0.01 min

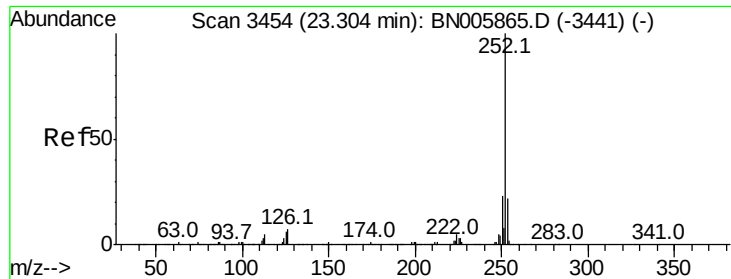
Lab File: BN005876.D

Acq: 23 May 2019 06:25

Tgt Ion:	252	Resp:	71257
Ion Ratio	Lower	Upper	
252	100		
253	22.7	17.4	26.0
125	6.0	7.5	11.3#

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





#90

Benzo(a)pyrene

Concen: 4.455 ng/ul m

RT: 23.31 min Scan# 3455

Delta R.T. 0.01 min

Lab File: BN005876.D

Acq: 23 May 2019 06:25

Instrument :

BNA_N

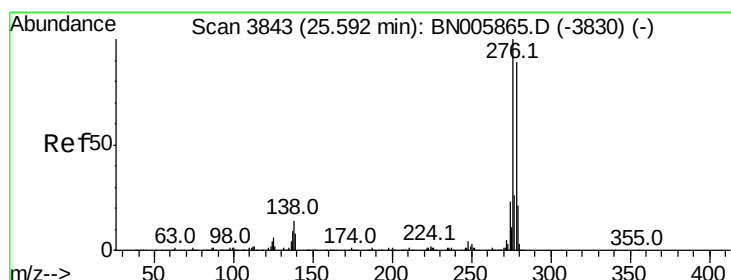
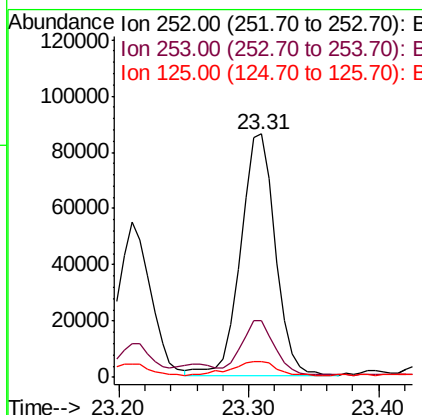
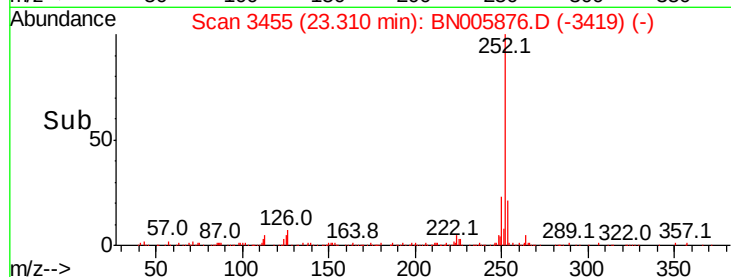
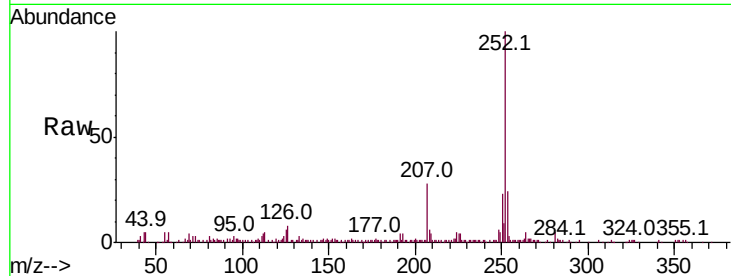
ClientSampleId :

A42A6

Tot Ion:	252	Resp:	157616
Ion Ratio	Lower	Upper	
252	100		
253	23.5	17.3	25.9
125	6.3	8.6	13.0#

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#91

Indeno(1,2,3-cd)pyrene

Concen: 1.916 ng/ul

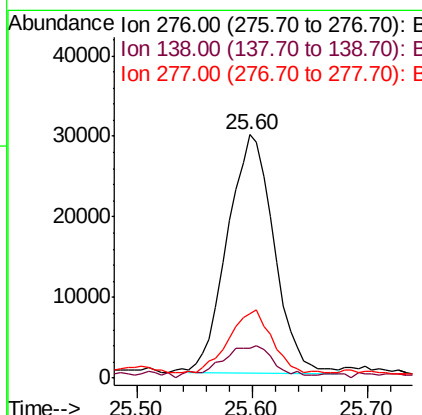
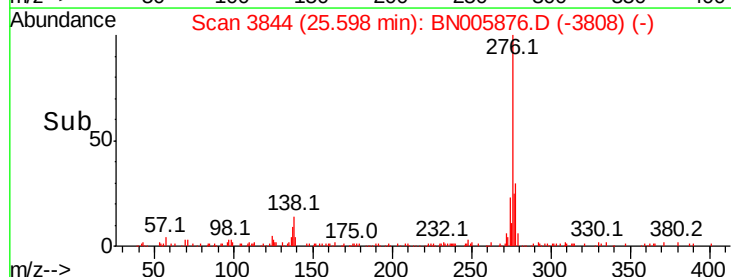
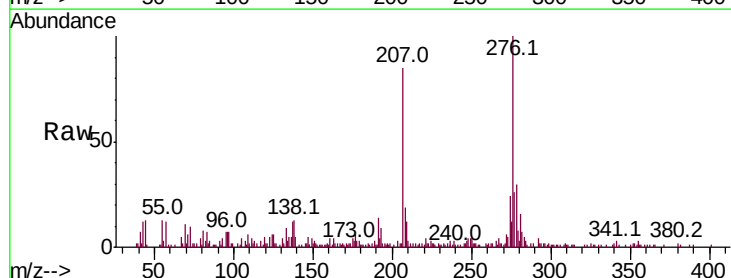
RT: 25.60 min Scan# 3844

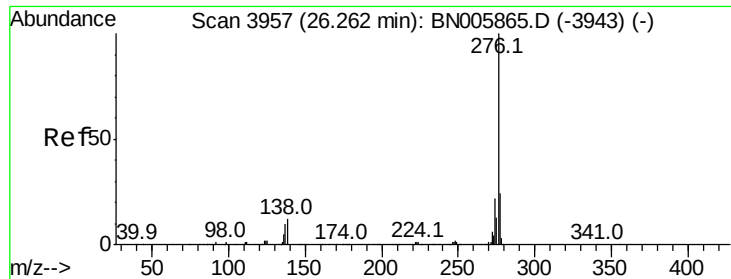
Delta R.T. 0.01 min

Lab File: BN005876.D

Acq: 23 May 2019 06:25

Tgt Ion:	276	Resp:	82873
Ion Ratio	Lower	Upper	
276	100		
138	12.5	17.9	26.9#
277	26.3	19.7	29.5





#93

Benzo(a,h,i)perylene

Concen: 1.537 ng/ul

RT: 26.27 min Scan# 3958

Delta R.T. 0.01 min

Lab File: BN005876.D

Acq: 23 May 2019 06:25

Instrument :

BNA_N

ClientSampleId :

A42A6

Tot Ion:	276	Resp:	55583
Ion Ratio	Lower	Upper	
276	100		
138	13.6	16.7	25.1#
277	24.3	18.2	27.2

Manual Integrations
APPROVED

mohammad
5/23/2019 3:31:38 PM

