

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN052219\
 Data File : BN005856.D
 Acq On : 22 May 2019 18:17
 Operator : JU/SJ
 Sample : K2925-04
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4287

Manual Integrations
 APPROVED

mohammad
 5/23/2019 3:30:43 PM

Quant Time: May 23 05:19:30 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	64676	20.00	ng/ul	0.00
18) Naphthalene-d8	10.32	136	307610	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.20	164	224219	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.96	188	604254	20.00	ng/ul	0.00
77) Chrysene-d12	21.20	240	739289	20.00	ng/ul	0.00
85) Perylene-d12	23.40	264	895404	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.18	96	2713	2.35	ng/uL	0.00
5) Phenol-d5	6.78	99	50887	10.18	ng/ul	0.02
7) Bis-(2-Chloroethyl)ether-d	6.91	67	34968	13.41	ng/ul	0.00
9) 2-Chlorophenol-d4	7.11	132	47370	11.79	ng/ul	0.00
13) 4-Methylphenol-d8	8.29	113	37520	8.78	ng/ul	0.02
19) Nitrobenzene-d5	8.72	128	25246	11.30	ng/ul	0.01
22) 2-Nitrophenol-d4	9.44	143	26138	10.14	ng/ul	0.01
26) 2,4-Dichlorophenol-d3	10.00	165	52892m	10.75	ng/ul	0.04
29) 4-Chloroaniline-d4	10.51	131	36832m	6.74	ng/ul	0.04
43) Dimethylphthalate-d6	13.62	166	225726	13.08	ng/ul	0.00
46) Acenaphthylene-d8	13.89	160	256348	12.23	ng/ul	0.00
51) 4-Nitrophenol-d4	14.52	143	12565m	5.17	ng/ul	0.06
57) Fluorene-d10	15.20	176	203194	13.71	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.39	200	14942m	4.11	ng/ul	0.02
70) Anthracene-d10	17.06	188	333669	12.78	ng/ul	0.00
78) Pyrene-d10	19.37	212	427784	11.74	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.27	264	504595	12.56	ng/ul	0.01

Target Compounds

					Ovalue
4) Benzaldehyde	6.75	77	7518m	2.078	ng/ul
44) Dimethylphthalate	13.67	163	51117	3.005	ng/ul 99
47) Acenaphthylene	13.92	152	46800	2.319	ng/ul 97
69) Phenanthrene	17.00	178	299004	9.983	ng/ul 100
71) Anthracene	17.10	178	45617	1.496	ng/ul 97
76) Fluoranthene	19.04	202	594328	16.049	ng/ul# 88
79) Pyrene	19.40	202	558860	12.310	ng/ul# 87
82) Benzo(a)anthracene	21.18	228	306733	6.586	ng/ul 98
84) Chrysene	21.23	228	350953	7.993	ng/ul 97
87) Benzo(b)fluoranthene	22.76	252	426544	8.659	ng/ul# 96
88) Benzo(k)fluoranthene	22.79	252	160272	3.363	ng/ul# 95
90) Benzo(a)pyrene	23.31	252	292847	6.139	ng/ul# 95
91) Indeno(1,2,3-cd)pyrene	25.60	276	192304	3.297	ng/ul# 92
92) Dibenzo(a,h)anthracene	25.60	278	53722	1.094	ng/ul# 90
93) Benzo(g,h,i)perylene	26.27	276	149197	3.061	ng/ul# 91

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

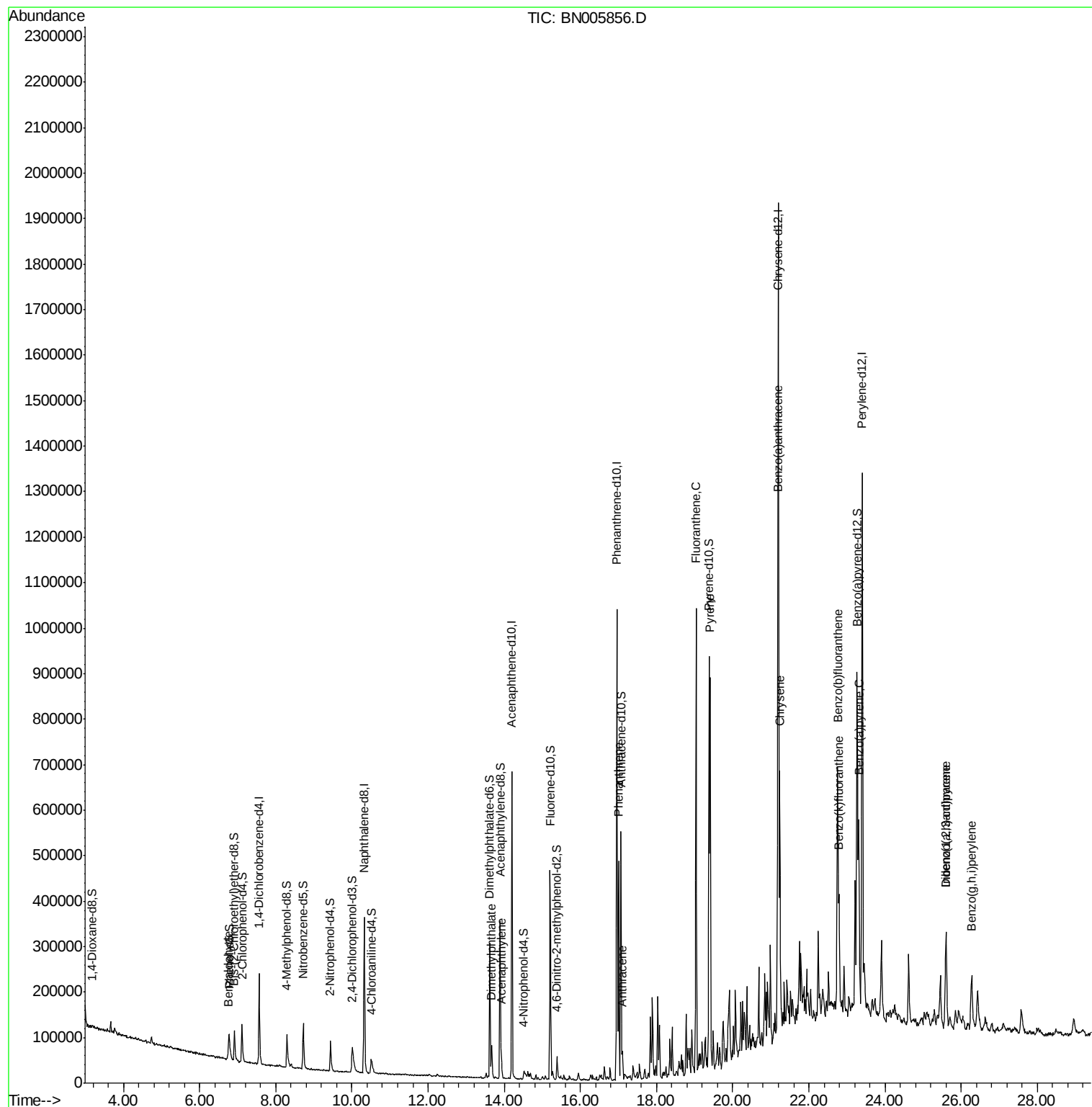
Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN052219\
Data File : BN005856.D
Acq On : 22 May 2019 18:17
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Sample : K2925-04
Misc :
ALS Vial : 6 Sample Multiplier: 1

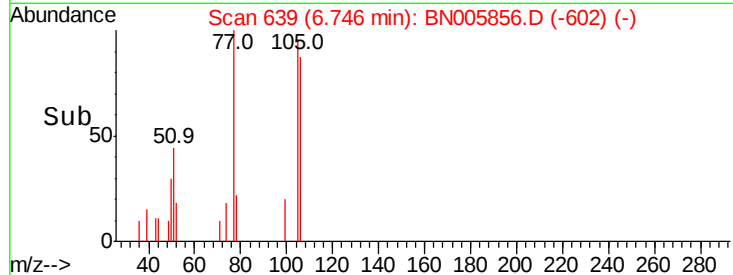
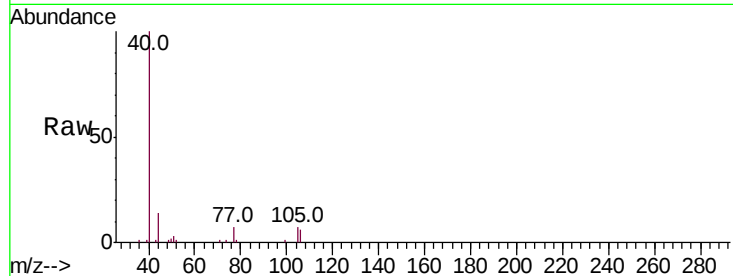
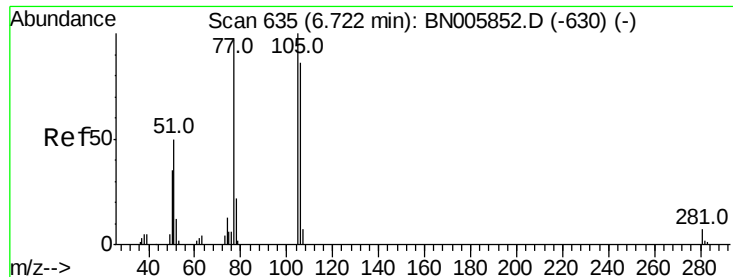
Instrument :
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Quant Time: May 23 05:19:30 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN051819MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed May 22 04:04:33 2019
Response via : Initial Calibration





#4

Benzaldehyde

Concen: 2.078 ng/ul m

RT: 6.75 min Scan# 639

Delta R.T. 0.02 min

Lab File: BN005856.D

Acq: 22 May 2019 18:17

Tot Ion:	77	Resp:	7518
Ion Ratio	Lower	Upper	
77	100		
105	95.9	77.4	116.2
106	86.7	76.3	114.5

Instrument :

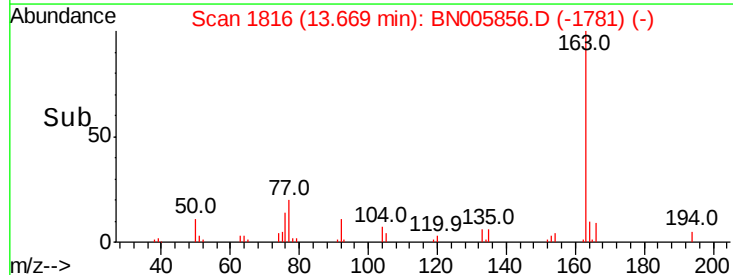
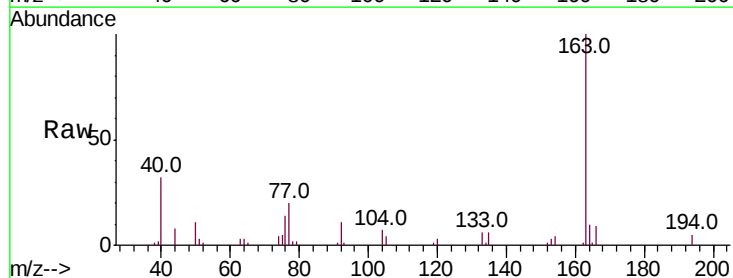
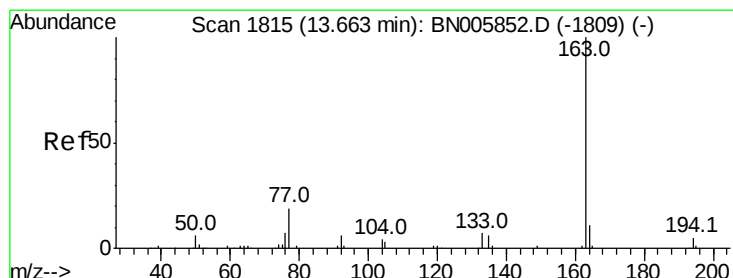
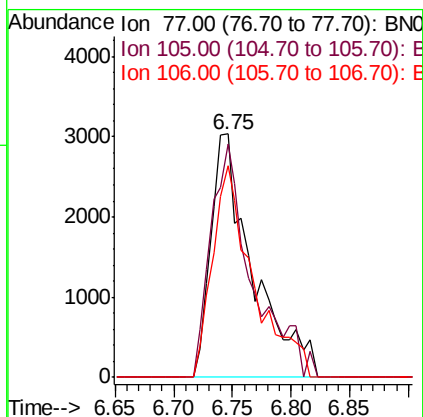
BNA_N

ClientSampleId :

A4287

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#44

Dimethylphthalate

Concen: 3.005 ng/ul

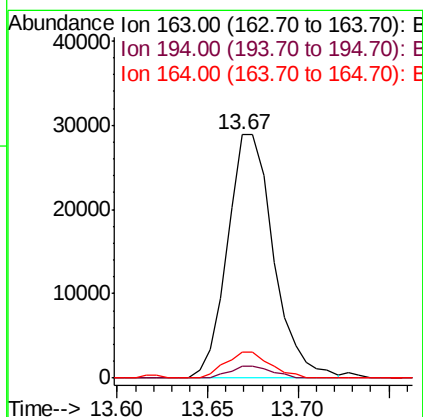
RT: 13.67 min Scan# 1816

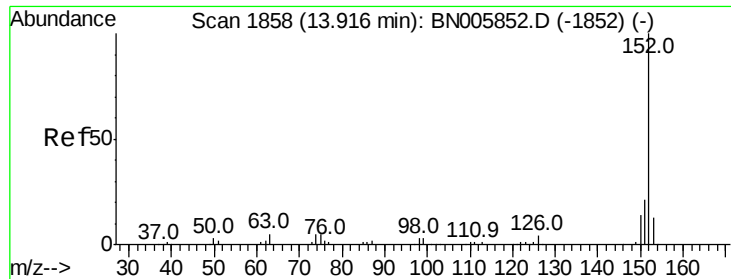
Delta R.T. 0.01 min

Lab File: BN005856.D

Acq: 22 May 2019 18:17

Tgt Ion:	163	Resp:	51117
Ion Ratio	Lower	Upper	
163	100		
194	4.7	3.4	5.0
164	10.4	8.1	12.1





#47

Acenaphthylene

Concen: 2.319 ng/ul

RT: 13.92 min Scan# 1859

Delta R.T. 0.01 min

Lab File: BN005856.D

Acq: 22 May 2019 18:17

Instrument :

BNA_N

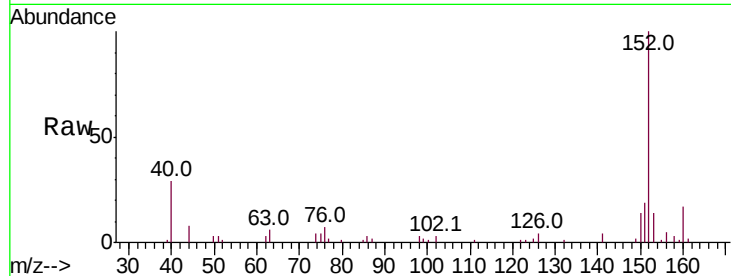
ClientSampleId :

A4287

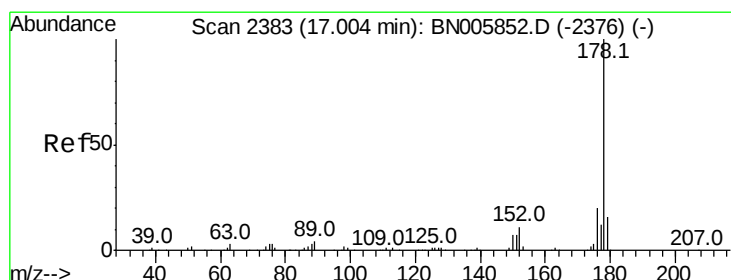
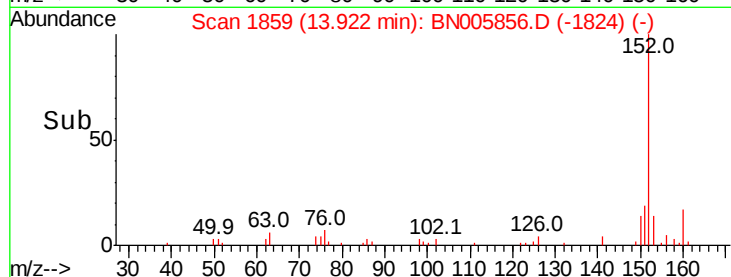
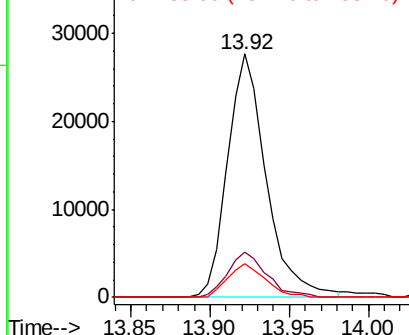
Tot Ion:	152	Resp:	46800
Ion Ratio	Lower	Upper	
152	100		
151	18.5	15.8	23.8
153	13.8	9.8	14.8

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Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



#69

Phenanthrene

Concen: 9.983 ng/ul

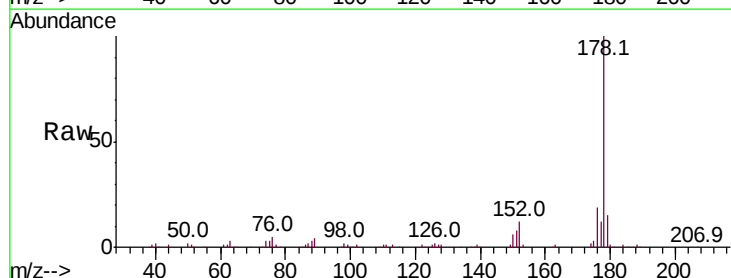
RT: 17.00 min Scan# 2383

Delta R.T. -0.00 min

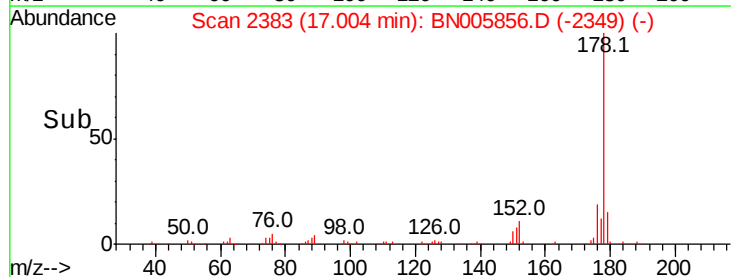
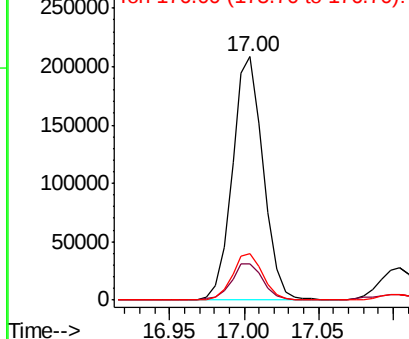
Lab File: BN005856.D

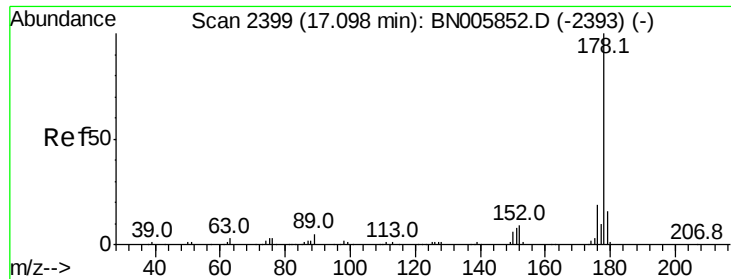
Acq: 22 May 2019 18:17

Tgt Ion:	178	Resp:	299004
Ion Ratio	Lower	Upper	
178	100		
179	14.9	12.2	18.4
176	19.0	15.1	22.7



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





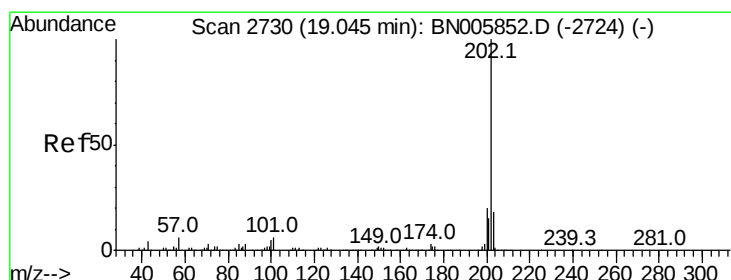
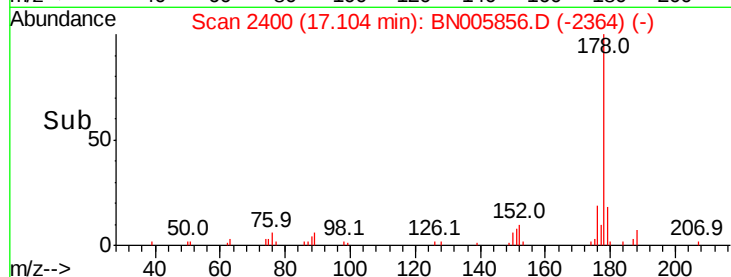
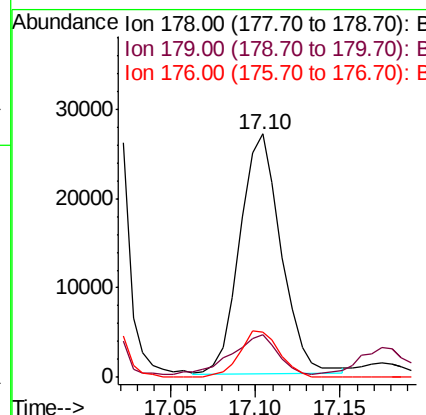
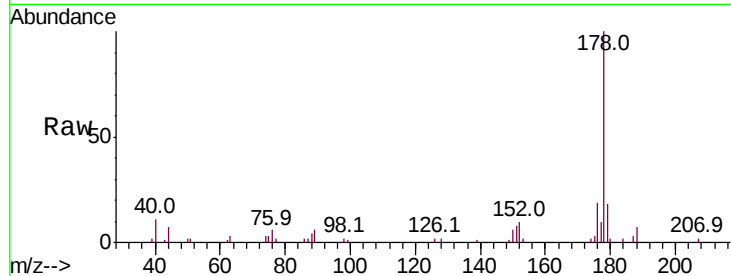
#71
 Anthracene
 Concen: 1.496 ng/ul
 RT: 17.10 min Scan# 2400
 Delta R.T. 0.01 min
 Lab File: BN005856.D
 Acq: 22 May 2019 18:17

Instrument :
 BNA_N
 ClientSampleId :
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Tot Ion	Ratio	Lower	Upper
178	100		
179	17.7	12.3	18.5
176	18.6	15.1	22.7

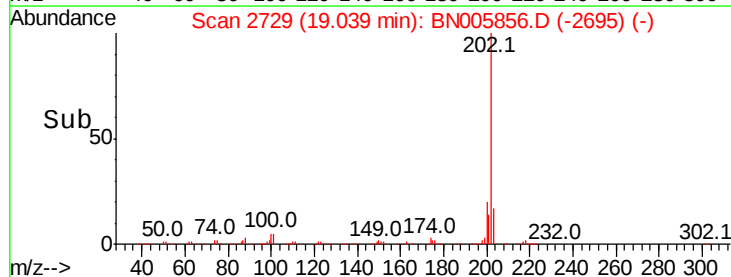
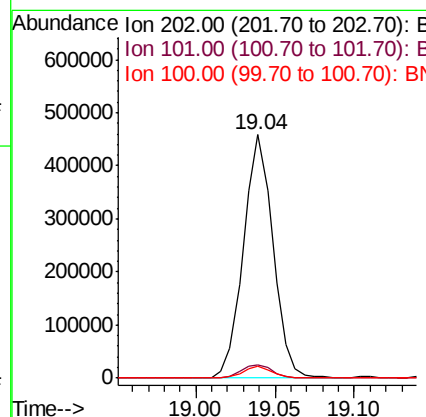
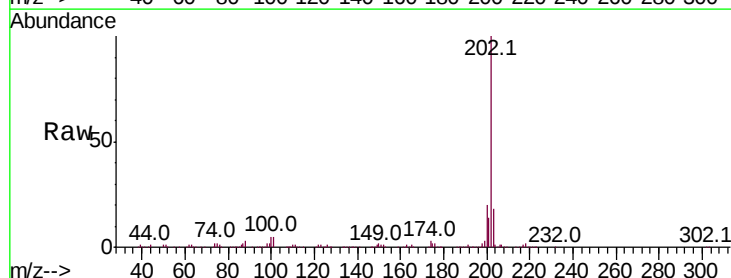
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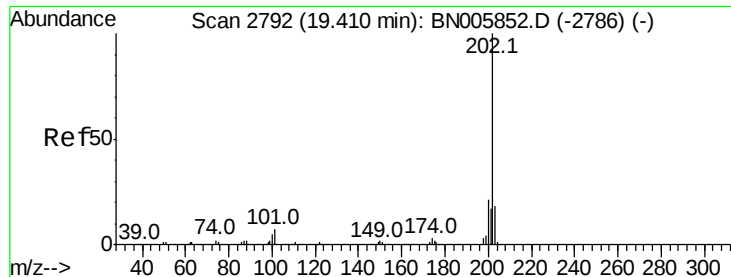
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#76
 Fluoranthene
 Concen: 16.049 ng/ul
 RT: 19.04 min Scan# 2729
 Delta R.T. -0.00 min
 Lab File: BN005856.D
 Acq: 22 May 2019 18:17

Tgt Ion	Ratio	Lower	Upper
202	100		
101	5.5	8.6	12.8#
100	4.7	6.3	9.5#





#79

Pvrene

Concen: 12.310 ng/ul

RT: 19.40 min Scan# 2791

Delta R.T. -0.00 min

Lab File: BN005856.D

Acq: 22 May 2019 18:17

Instrument :

BNA_N

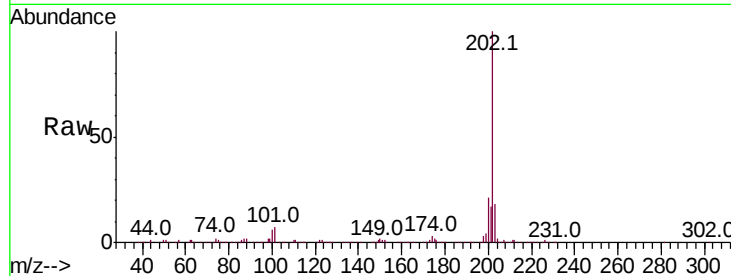
ClientSampled :

A4287

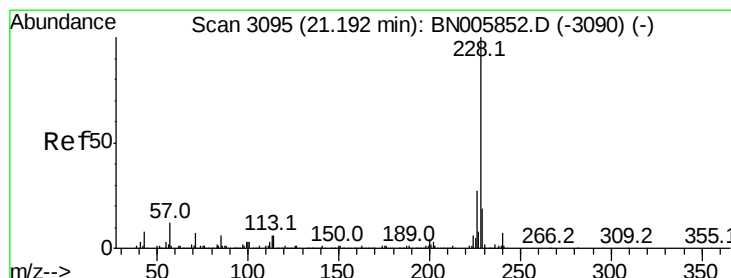
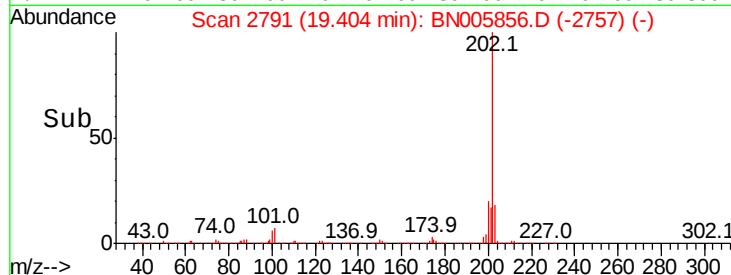
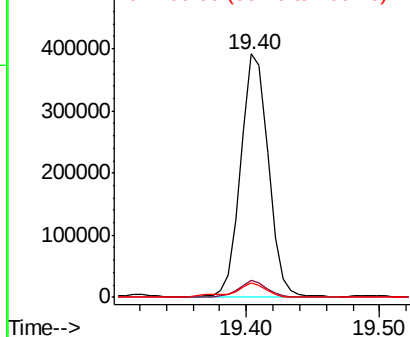
Tot Ion:	202	Resp:	558860
Ion Ratio	Lower	Upper	
202	100		
101	7.0	10.3	15.5#
100	5.8	7.9	11.9#

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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: 6.586 ng/ul

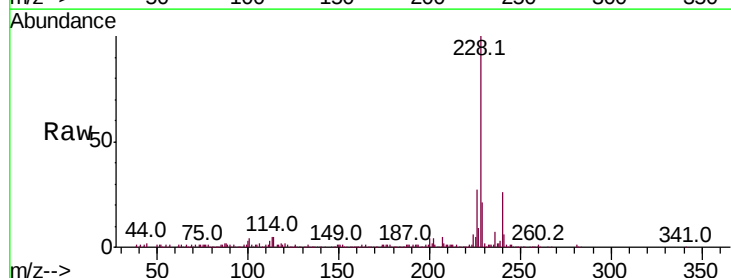
RT: 21.18 min Scan# 3093

Delta R.T. -0.00 min

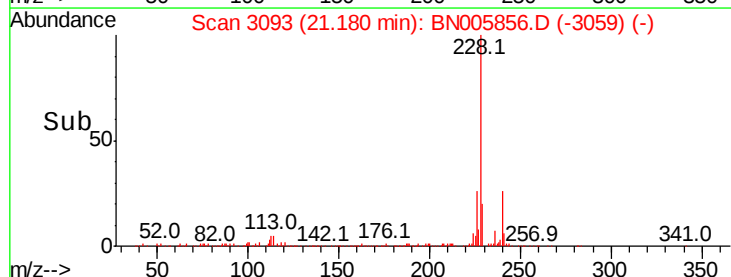
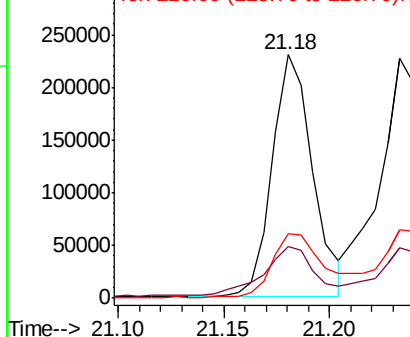
Lab File: BN005856.D

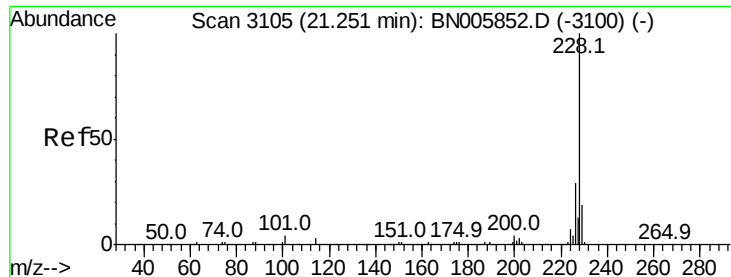
Acq: 22 May 2019 18:17

Tgt Ion:	228	Resp:	306733
Ion Ratio	Lower	Upper	
228	100		
229	21.1	15.8	23.6
226	26.6	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: 7.993 ng/ul

RT: 21.23 min Scan# 3102

Delta R.T. -0.00 min

Lab File: BN005856.D

Acq: 22 May 2019 18:17

Instrument :

BNA_N

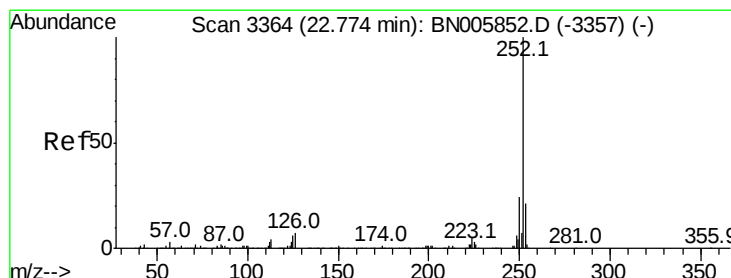
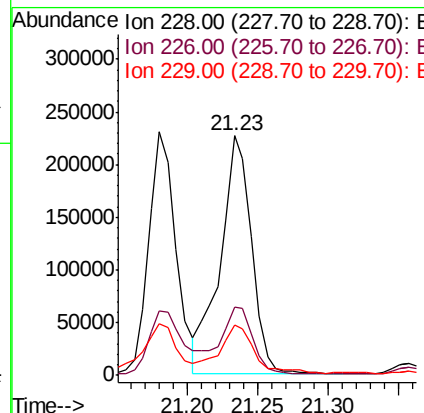
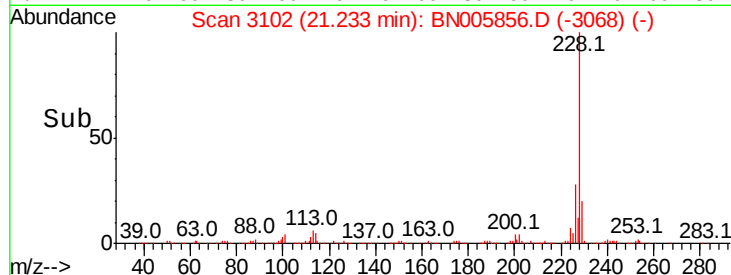
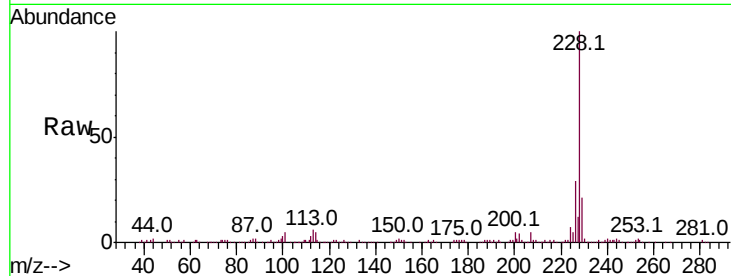
ClientSampleId :

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Tot Ion:	228	Resp:	350953
Ion Ratio	Lower	Upper	
228	100		
226	28.5	24.0	36.0
229	20.8	15.4	23.0

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#87

Benzo(b)fluoranthene

Concen: 8.659 ng/ul

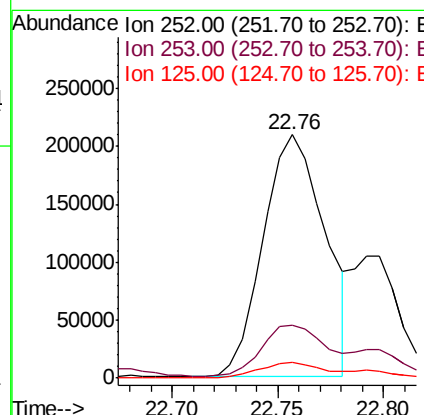
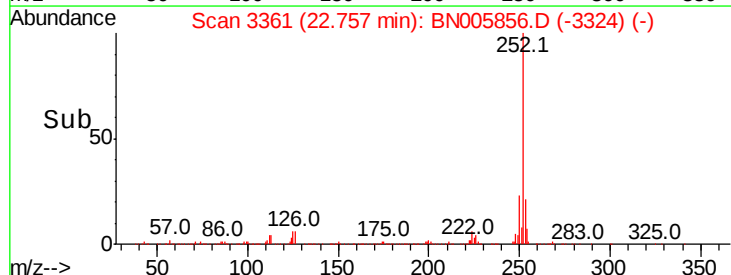
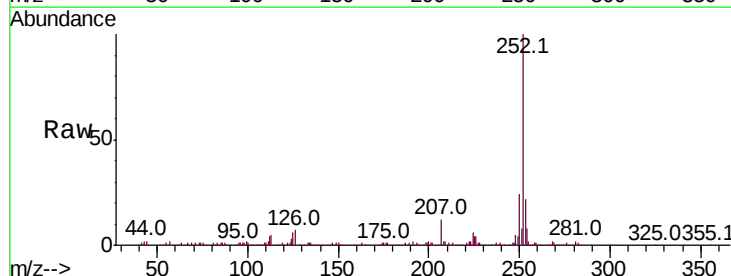
RT: 22.76 min Scan# 3361

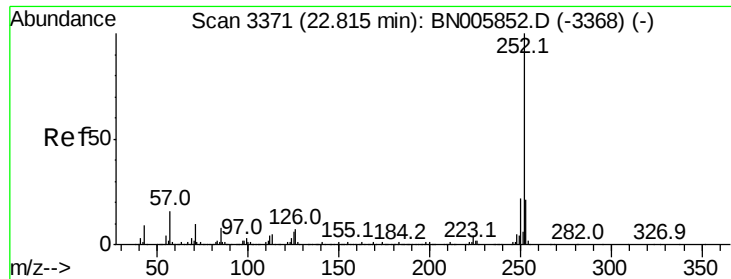
Delta R.T. 0.02 min

Lab File: BN005856.D

Acq: 22 May 2019 18:17

Tgt Ion:	252	Resp:	426544
Ion Ratio	Lower	Upper	
252	100		
253	22.0	17.7	26.5
125	6.4	8.4	12.6#





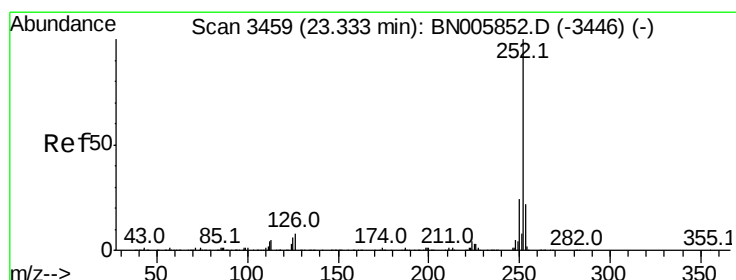
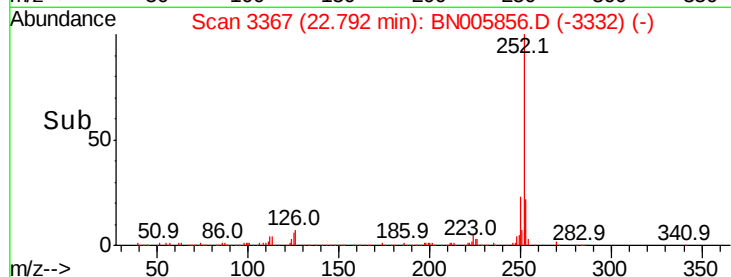
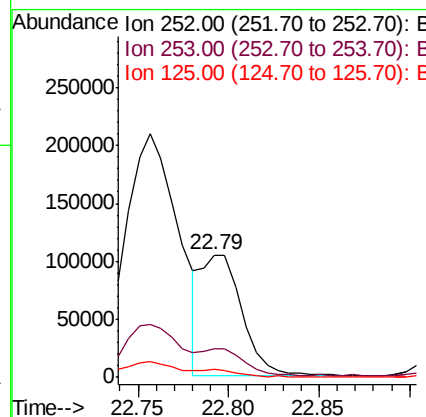
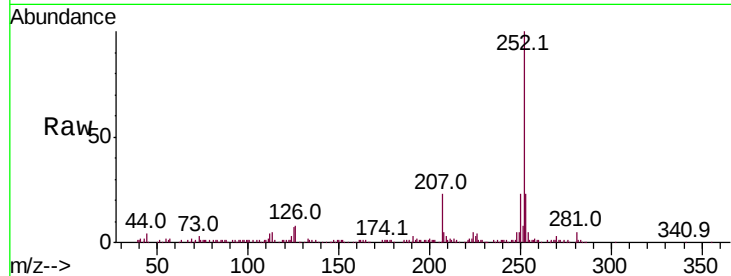
#88
Benzo(k)fluoranthene
Concen: 3.363 ng/ul
RT: 22.79 min Scan# 3367
Delta R.T. 0.01 min
Lab File: BN005856.D
Acq: 22 May 2019 18:17

Instrument :
BNA_N
ClientSampled :
A4287

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.5	17.4	26.0
125	6.5	7.5	11.3#

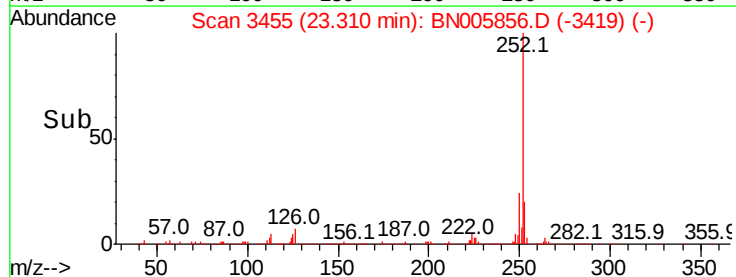
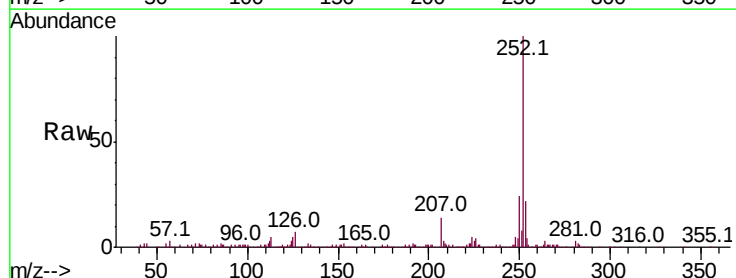
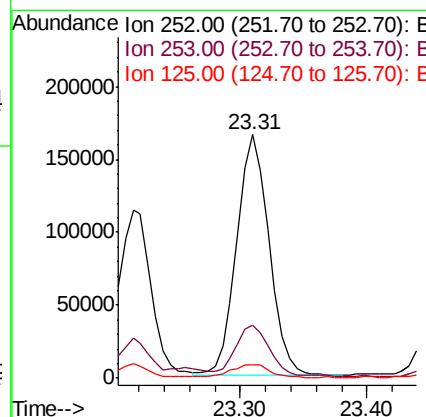
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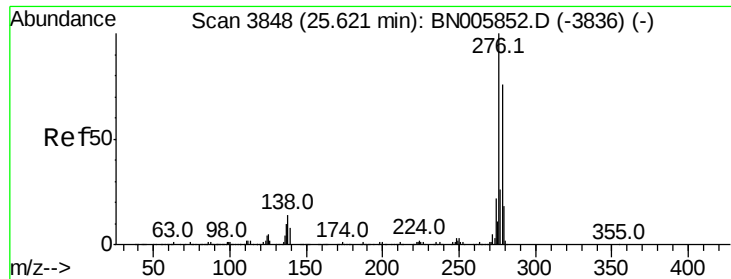
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#90
Benzo(a)pyrene
Concen: 6.139 ng/ul
RT: 23.31 min Scan# 3455
Delta R.T. 0.01 min
Lab File: BN005856.D
Acq: 22 May 2019 18:17

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.6	17.3	25.9
125	5.2	8.6	13.0#





#91

Indeno(1,2,3-cd)pyrene

Concen: 3.297 ng/ul

RT: 25.60 min Scan# 3844

Delta R.T. 0.01 min

Lab File: BN005856.D

Acq: 22 May 2019 18:17

Instrument :

BNA_N

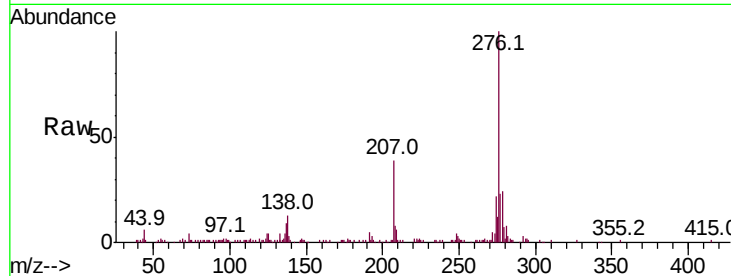
ClientSampleId :

A4287

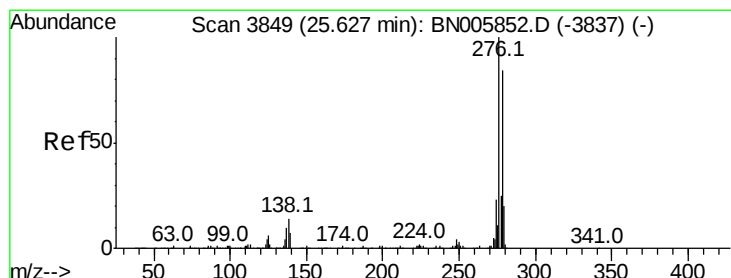
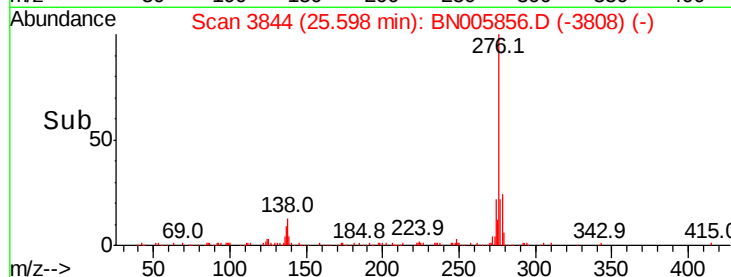
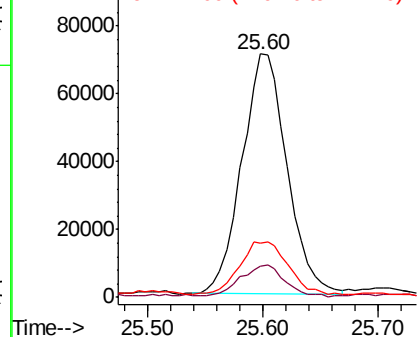
Tot Ion:	276	Resp:	192304
Ion Ratio	Lower	Upper	
276	100		
138	16.4	17.9	26.9#
277	22.5	19.7	29.5

Manual Integrations
APPROVED

mohammad
5/23/2019 3:30:43 PM



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: 1.094 ng/ul

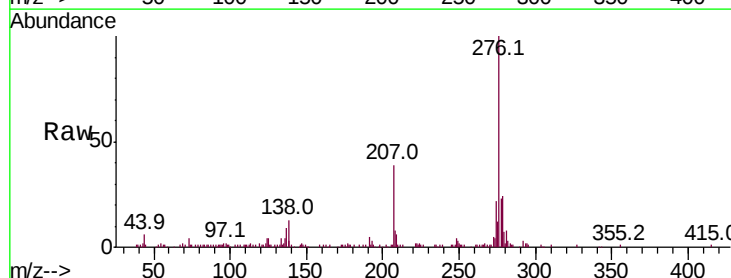
RT: 25.60 min Scan# 3844

Delta R.T. 0.01 min

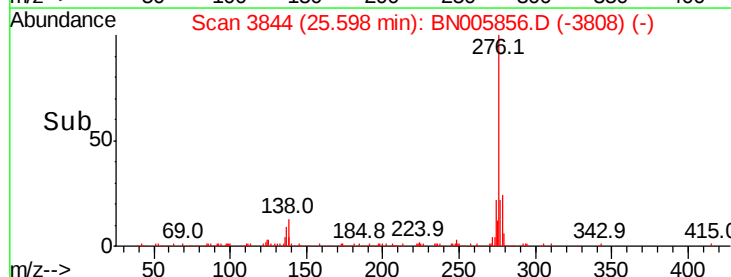
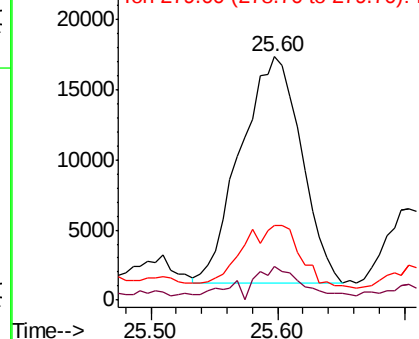
Lab File: BN005856.D

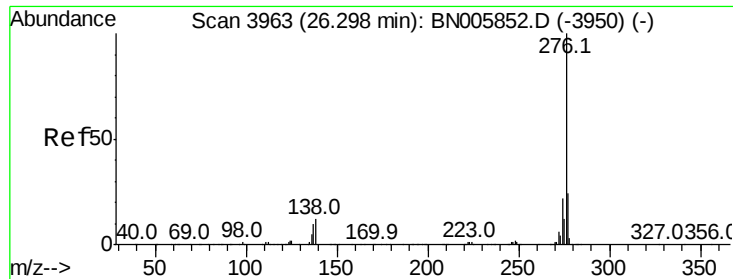
Acq: 22 May 2019 18:17

Tgt Ion:	278	Resp:	53722
Ion Ratio	Lower	Upper	
278	100		
139	18.3	13.1	19.7
279	30.7	19.4	29.0#



Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E





#93

Benzo(a,h,i)perylene

Concen: 3.061 ng/ul

RT: 26.27 min Scan# 3958

Delta R.T. 0.01 min

Lab File: BN005856.D

Acq: 22 May 2019 18:17

Instrument :

BNA_N

ClientSampleId :

A4287

Tot Ion	Ratio	Lower	Upper
276	100		
138	12.9	16.7	25.1#
277	23.8	18.2	27.2

Manual Integrations
APPROVED

mohammad
5/23/2019 3:30:43 PM

