

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN052919\
 Data File : BN005936.D
 Acq On : 29 May 2019 18:30
 Operator : JU/SJ
 Sample : K2924-08
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4270

Manual Integrations
 APPROVED

mohammad
 5/30/2019 1:28:41 PM

Quant Time: May 30 06:35:10 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN052819MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed May 29 02:28:30 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.73	152	375152	20.00	ng/ul	0.00
18) Naphthalene-d8	10.51	136	1734236	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.36	164	1063870	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.12	188	2520605	20.00	ng/ul	0.00
77) Chrysene-d12	21.33	240	2425998	20.00	ng/ul	0.00
85) Perylene-d12	23.59	264	2281160	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.26	96	56535	6.63	ng/uL	0.00
5) Phenol-d5	6.89	99	1292499	38.87	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.07	67	719813	37.94	ng/ul	0.00
9) 2-Chlorophenol-d4	7.26	132	981858	38.76	ng/ul	0.00
13) 4-Methylphenol-d8	8.42	113	910544	33.92	ng/ul	0.00
19) Nitrobenzene-d5	8.88	128	474534	42.63	ng/ul	0.00
22) 2-Nitrophenol-d4	9.59	143	494423	47.69	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.13	165	978272	39.97	ng/ul	0.00
29) 4-Chloroaniline-d4	10.64	131	1039167	32.38	ng/ul	0.00
43) Dimethylphthalate-d6	13.78	166	3029200	38.62	ng/ul	0.00
46) Acenaphthylene-d8	14.06	160	3864560	39.39	ng/ul	0.00
51) 4-Nitrophenol-d4	14.56	143	557792	39.08	ng/ul	0.00
57) Fluorene-d10	15.36	176	2698801	41.03	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.48	200	298340	29.04	ng/ul	0.00
70) Anthracene-d10	17.22	188	4126431	38.47	ng/ul	0.00
78) Pyrene-d10	19.52	212	4829212	39.41	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.45	264	4010334	39.40	ng/ul	0.00

Target Compounds

					Ovalue
6) Phenol	6.92	94	34516	1.007 ng/ul	96
44) Dimethylphthalate	13.82	163	915162	11.675 ng/ul	99
76) Fluoranthene	19.18	202	449268	3.370 ng/ul#	95
79) Pyrene	19.55	202	449911	2.928 ng/ul#	93
82) Benzo(a)anthracene	21.31	228	305420	2.003 ng/ul	96
83) Bis(2-ethylhexyl)phthalate	21.25	149	320416	3.201 ng/ul	100
84) Chrysene	21.36	228	311301	2.189 ng/ul	98
87) Benzo(b)fluoranthene	22.91	252	397808	3.105 ng/ul#	87
88) Benzo(k)fluoranthene	22.95	252	134222m	1.139 ng/ul	
90) Benzo(a)pyrene	23.49	252	264422	2.188 ng/ul#	88
91) Indeno(1,2,3-cd)pyrene	25.86	276	168855	1.191 ng/ul#	86
93) Benzo(g,h,i)perylene	26.56	276	140138	1.174 ng/ul	95

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

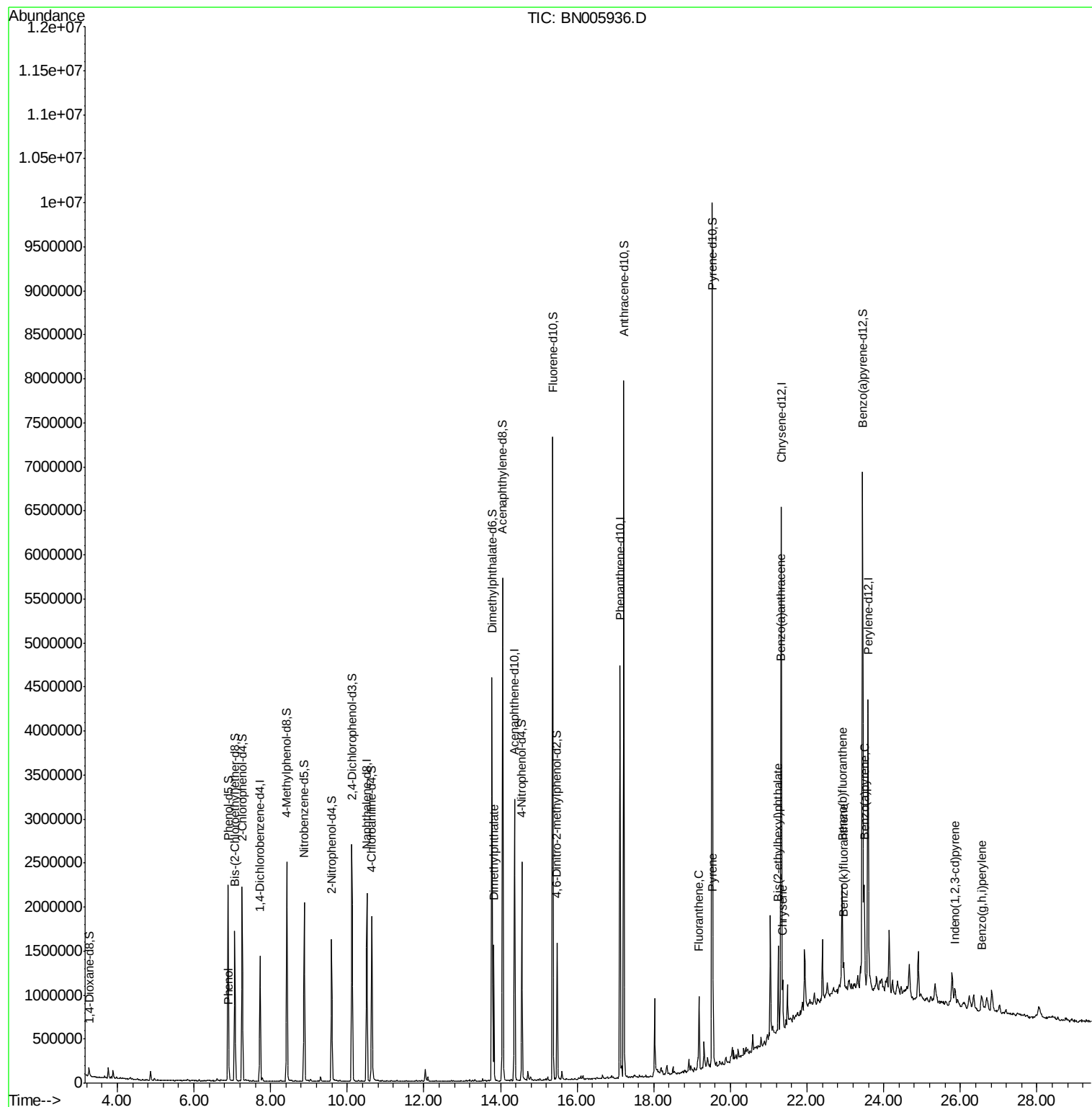
Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN052919\
Data File : BN005936.D
Acq On : 29 May 2019 18:30
Operator : JU/SJ
Sample : K2924-08
Misc :
ALS Vial : 16 Sample Multiplier: 1

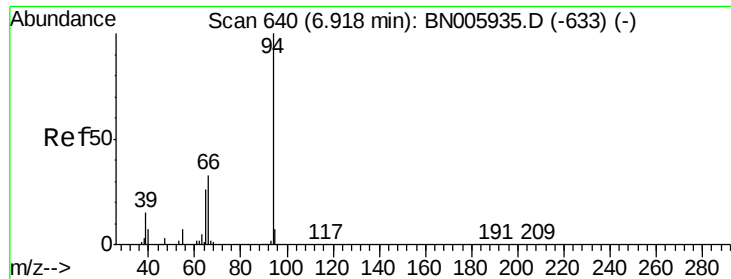
Instrument :
BNA_N
ClientSampleId :
A4270

Manual Integrations
APPROVED

mohammad
5/30/2019 1:28:41 PM

Quant Time: May 30 06:35:10 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN052819MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed May 29 02:28:30 2019
Response via : Initial Calibration





#6

Phenol

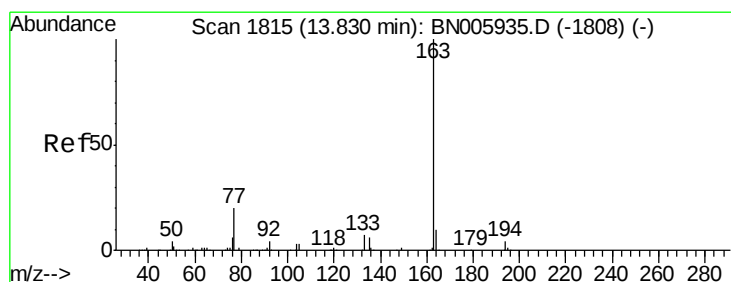
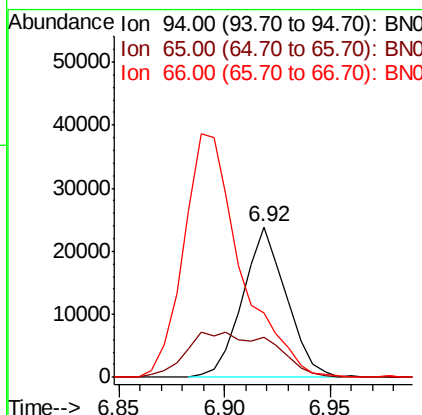
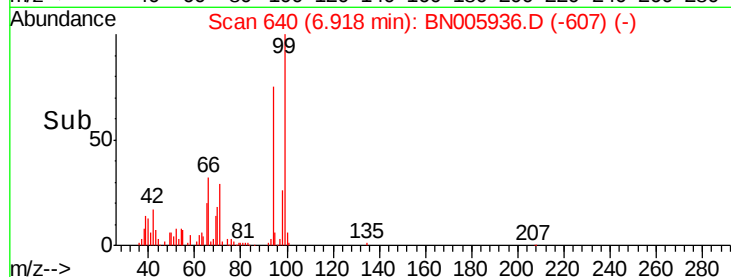
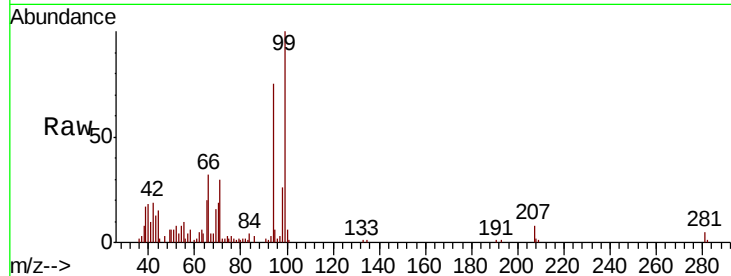
Concen: 1.007 ng/ul
 RT: 6.92 min Scan# 640
 Delta R.T. -0.00 min
 Lab File: BN005936.D
 Acq: 29 May 2019 18:30

Instrument :
 BNA_N
 ClientSampleId :
 A4270

Tot Ion	Ion	Ratio	Lower	Upper
94	100			
65	26.3	24.2	36.4	
66	43.1	33.8	50.6	

Manual Integrations
 APPROVED

mohammad
 5/30/2019 1:28:41 PM

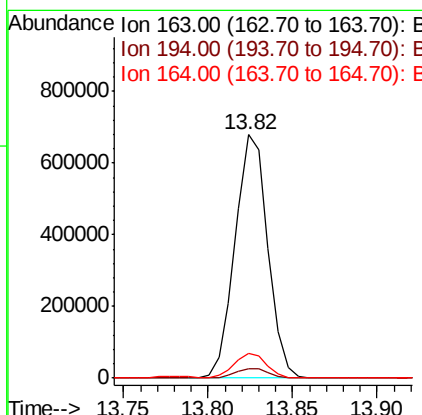
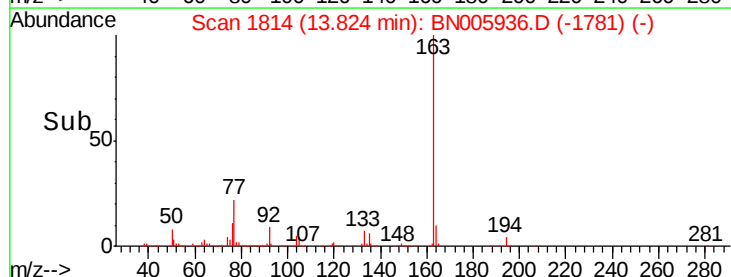
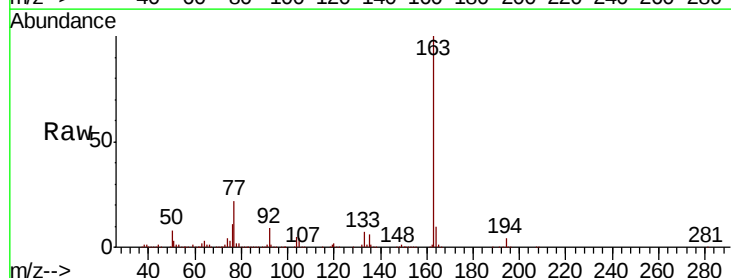


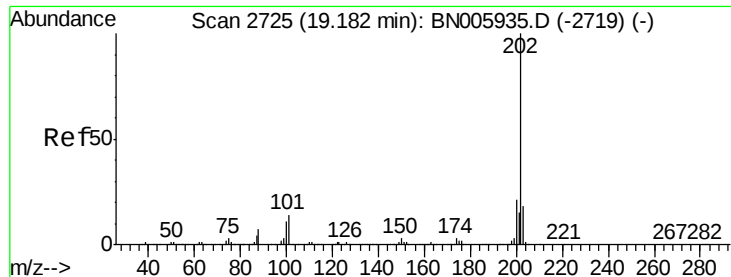
#44

Dimethylphthalate

Concen: 11.675 ng/ul
 RT: 13.82 min Scan# 1814
 Delta R.T. -0.00 min
 Lab File: BN005936.D
 Acq: 29 May 2019 18:30

Tgt Ion	Ion	Ratio	Lower	Upper
163	100			
194	4.1	3.4	5.0	
164	10.4	8.1	12.1	





#76

Fluoranthene

Concen: 3.370 ng/ul

RT: 19.18 min Scan# 2725

Delta R.T. -0.00 min

Lab File: BN005936.D

Acq: 29 May 2019 18:30

Instrument :

BNA_N

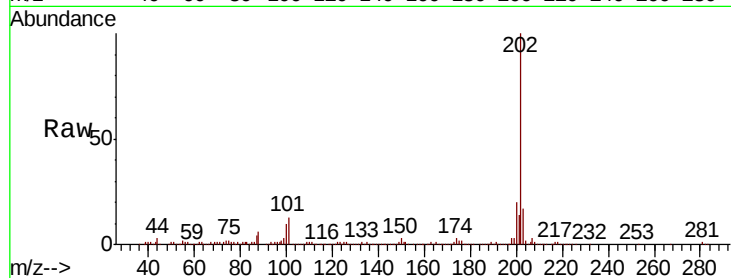
ClientSampleId :

A4270

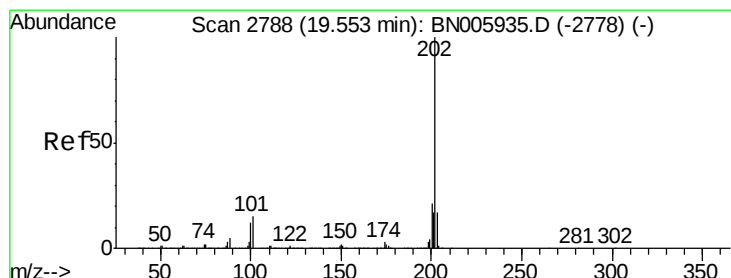
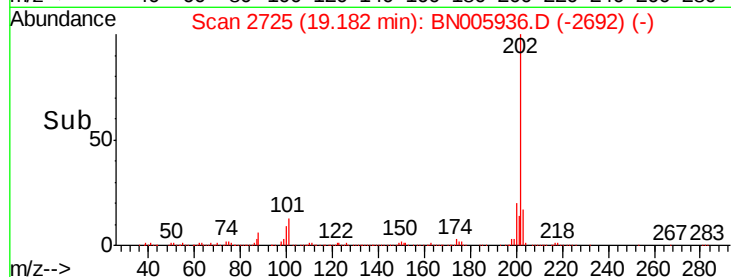
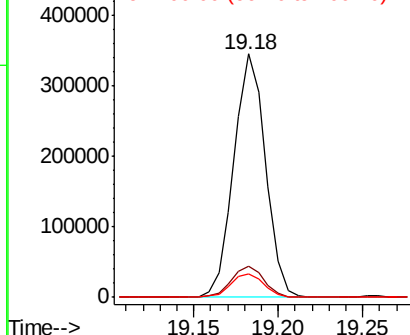
Tot Ion:	202	Resp:	449268
Ion Ratio	Lower	Upper	
202	100		
101	12.9	8.6	12.8#
100	9.6	6.3	9.5#

Manual Integrations
APPROVED

mohammad
5/30/2019 1:28:41 PM



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

Pyrene

Concen: 2.928 ng/ul

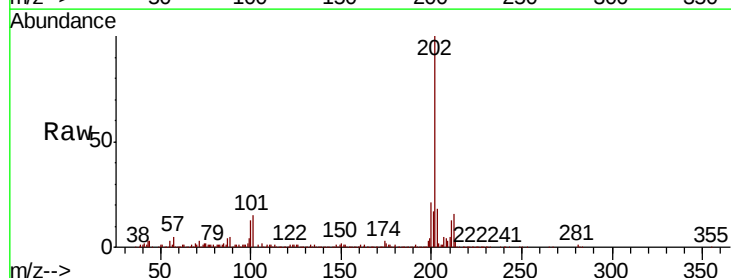
RT: 19.55 min Scan# 2787

Delta R.T. -0.00 min

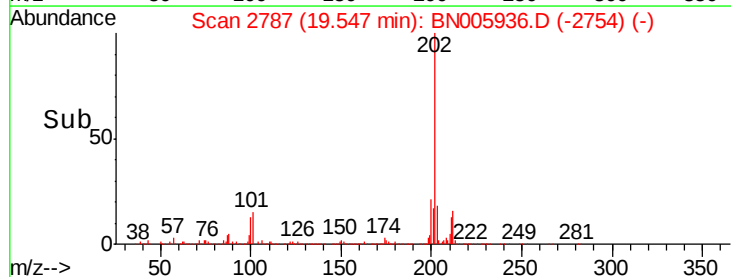
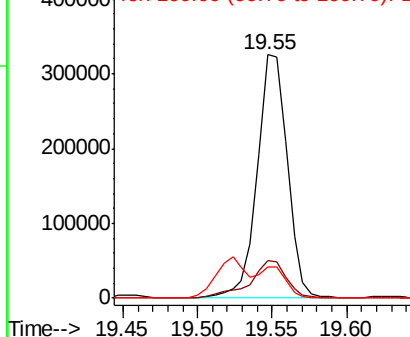
Lab File: BN005936.D

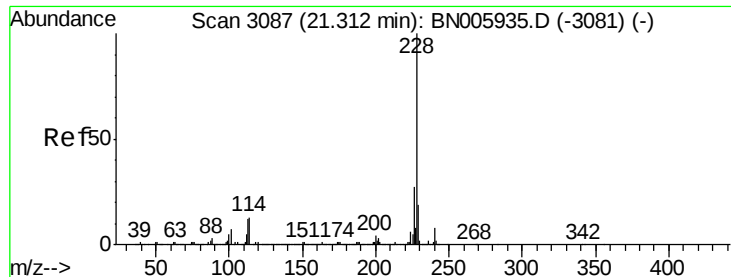
Acq: 29 May 2019 18:30

Tgt Ion:	202	Resp:	449911
Ion Ratio	Lower	Upper	
202	100		
101	15.3	10.3	15.5
100	12.9	7.9	11.9#



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





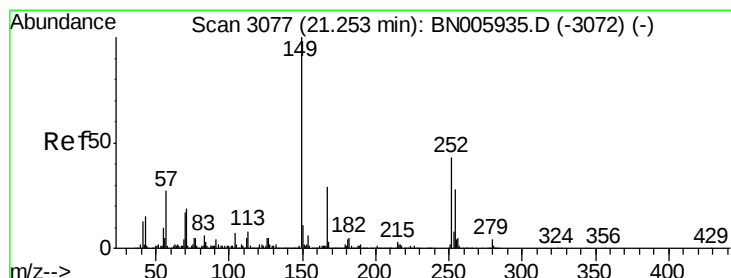
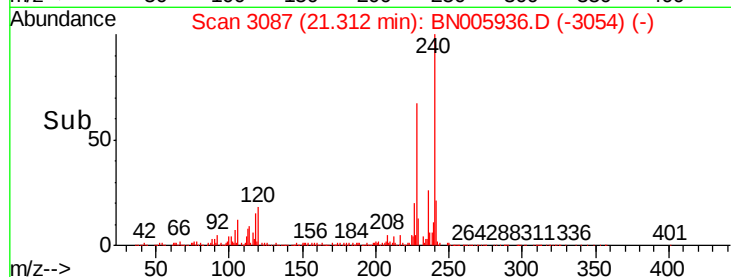
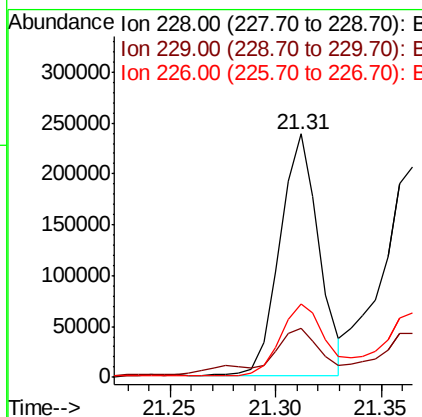
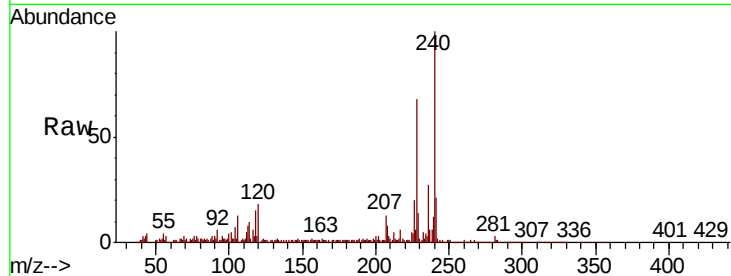
#82
Benzo(a)anthracene
Concen: 2.003 ng/ul
RT: 21.31 min Scan# 3087
Delta R.T. -0.00 min
Lab File: BN005936.D
Acq: 29 May 2019 18:30

Instrument :
BNA_N
ClientSampleId :
A4270

Tot Ion	Ratio	Lower	Upper
228	100		
229	20.3	15.8	23.6
226	30.1	21.4	32.2

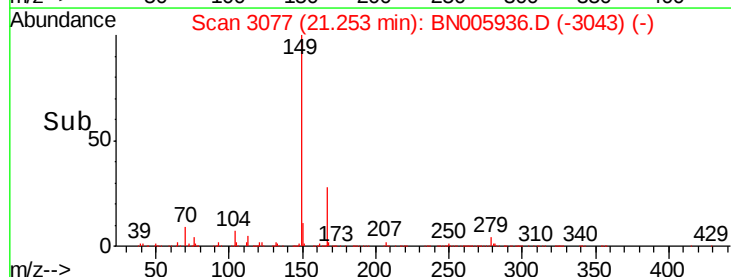
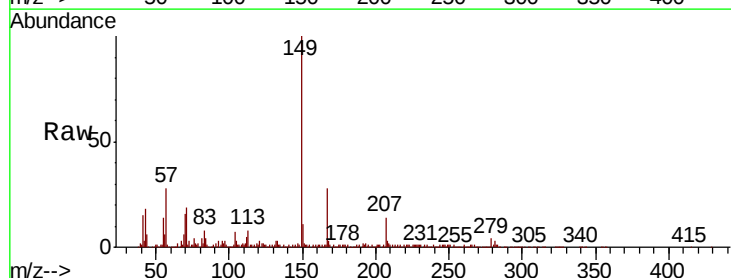
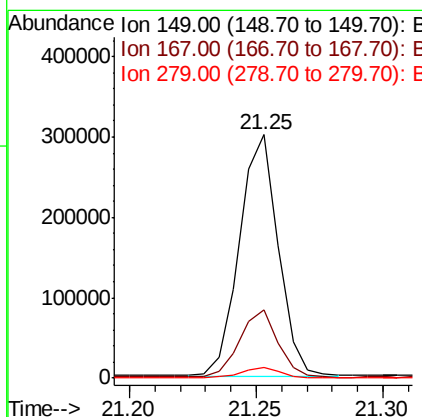
Manual Integrations
APPROVED

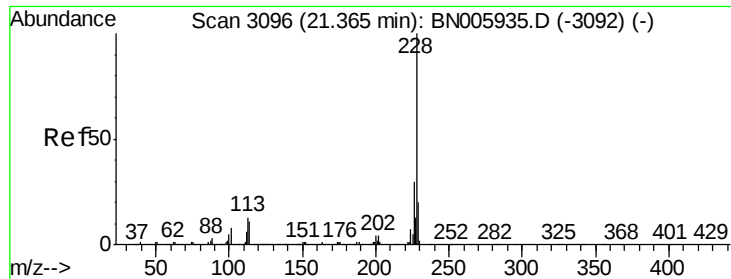
mohammad
5/30/2019 1:28:41 PM



#83
Bis(2-ethylhexyl)phthalate
Concen: 3.201 ng/ul
RT: 21.25 min Scan# 3077
Delta R.T. 0.00 min
Lab File: BN005936.D
Acq: 29 May 2019 18:30

Tgt Ion	Ratio	Lower	Upper
149	100		
167	28.1	22.3	33.5
279	4.4	3.3	4.9





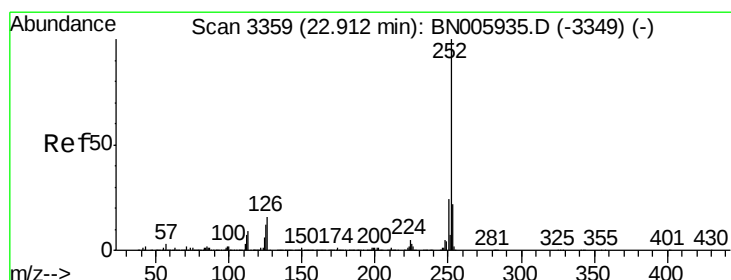
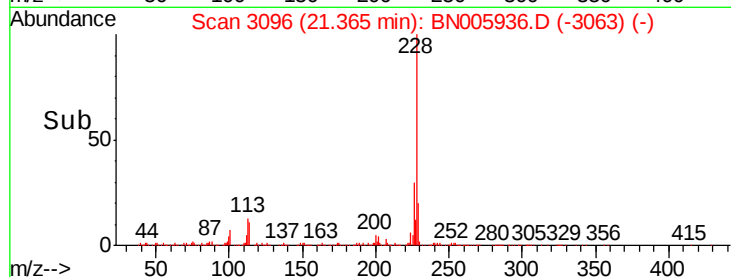
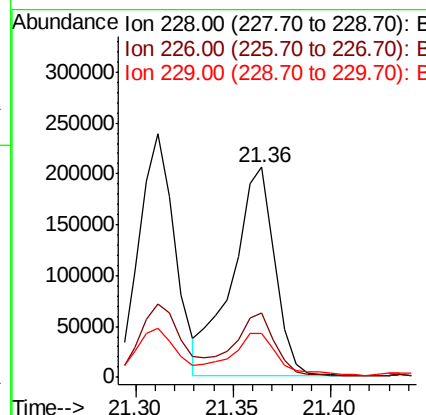
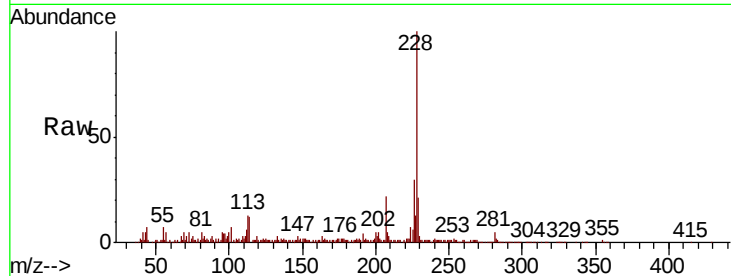
#84
Chrysene
Concen: 2.189 ng/ul
RT: 21.36 min Scan# 3096
Delta R.T. -0.00 min
Lab File: BN005936.D
Acq: 29 May 2019 18:30

Instrument :
BNA_N
ClientSampleId :
A4270

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.5	24.0	36.0
229	21.0	15.4	23.0

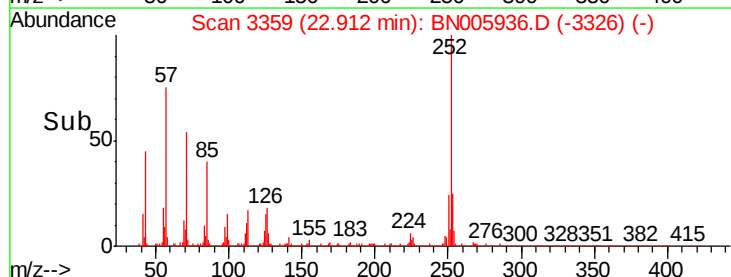
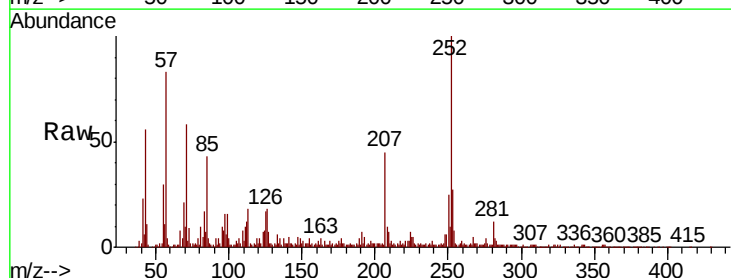
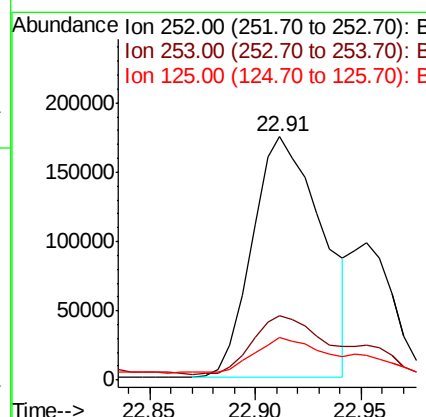
Manual Integrations
APPROVED

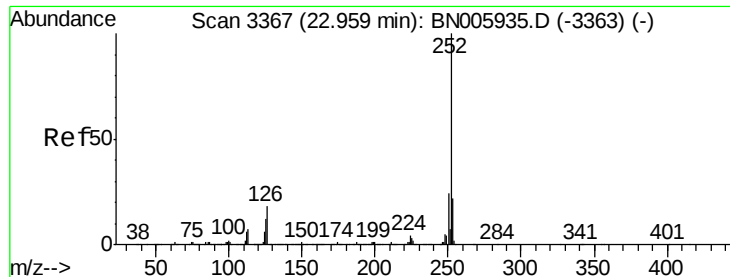
mohammad
5/30/2019 1:28:41 PM



#87
Benzo(b)fluoranthene
Concen: 3.105 ng/ul
RT: 22.91 min Scan# 3359
Delta R.T. -0.00 min
Lab File: BN005936.D
Acq: 29 May 2019 18:30

Tgt Ion	Ratio	Lower	Upper
252	100		
253	26.7	17.7	26.5#
125	17.5	8.4	12.6#





#88

Benzo(k)fluoranthene

Concen: 1.139 ng/ul m

RT: 22.95 min Scan# 3366

Delta R.T. -0.01 min

Lab File: BN005936.D

Acq: 29 May 2019 18:30

Instrument :

BNA_N

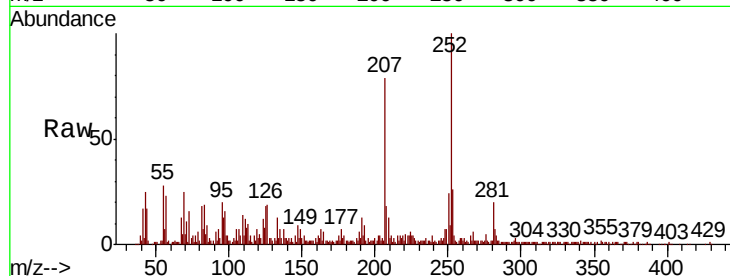
ClientSampled :

A4270

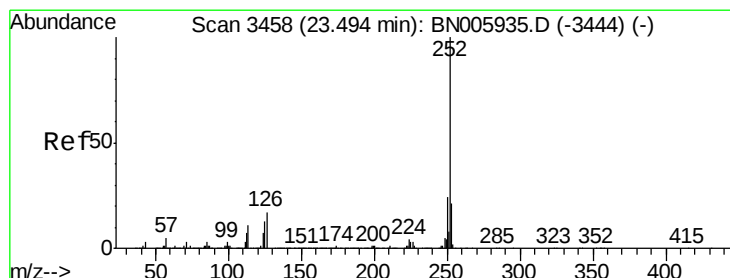
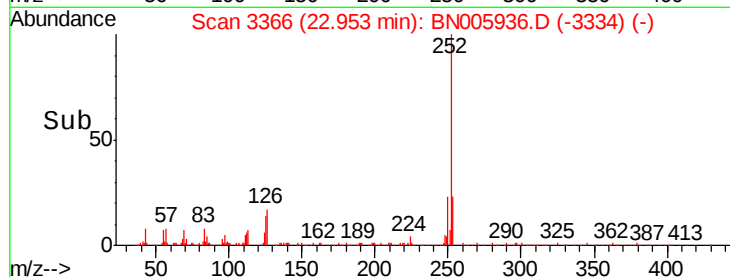
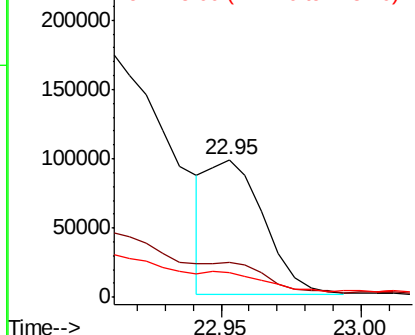
Tot Ion:	252	Resp:	134222
Ion Ratio	Lower	Upper	
252	100		
253	25.9	17.4	26.0
125	18.0	7.5	11.3#

Manual Integrations
APPROVED

mohammad
5/30/2019 1:28:41 PM



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: 2.188 ng/ul

RT: 23.49 min Scan# 3458

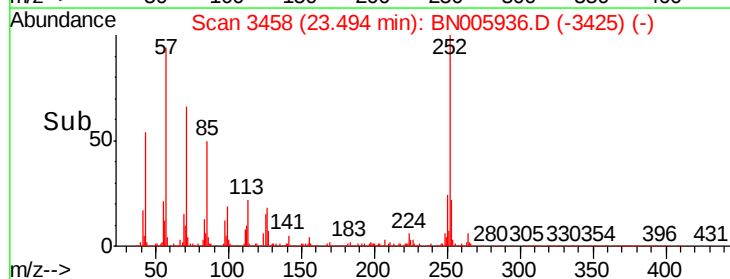
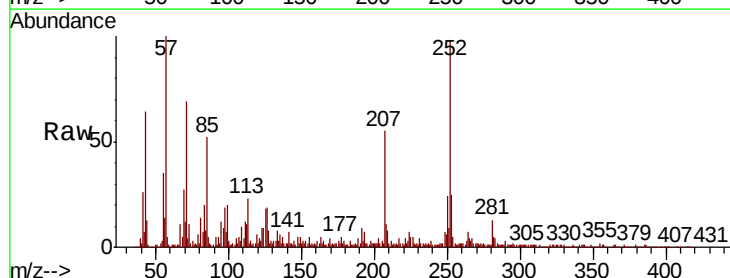
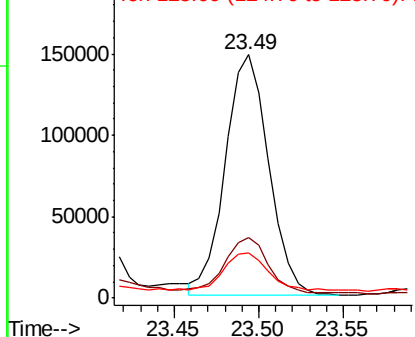
Delta R.T. -0.00 min

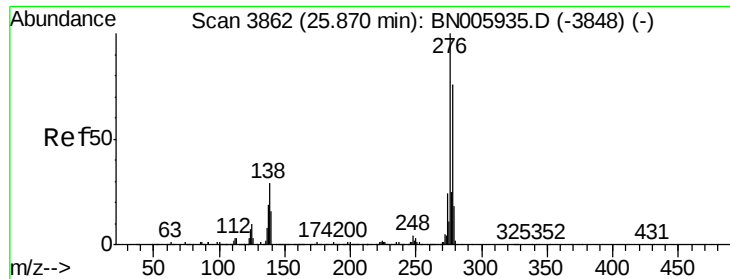
Lab File: BN005936.D

Acq: 29 May 2019 18:30

Tgt Ion:	252	Resp:	264422
Ion Ratio	Lower	Upper	
252	100		
253	25.1	17.3	25.9
125	18.4	8.6	13.0#

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: 1.191 ng/ul

RT: 25.86 min Scan# 3860

Delta R.T. -0.02 min

Lab File: BN005936.D

Acq: 29 May 2019 18:30

Instrument :

BNA_N

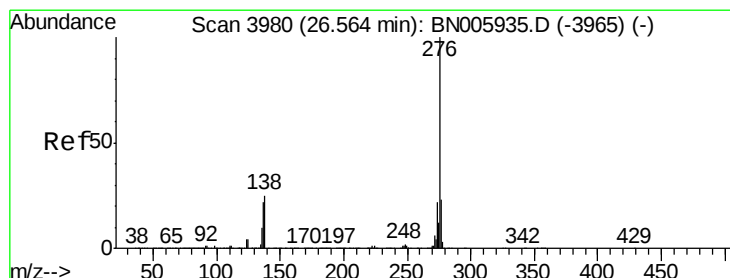
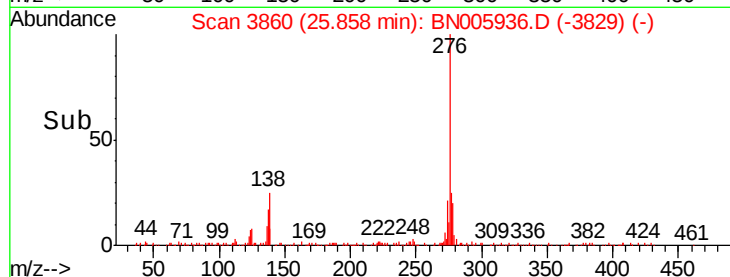
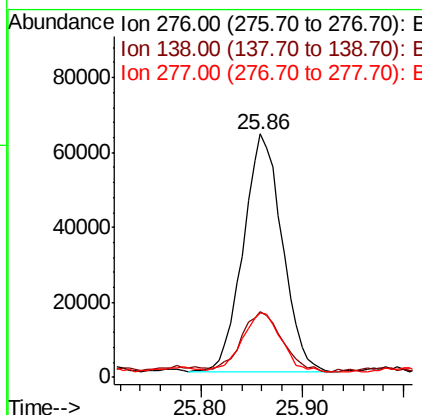
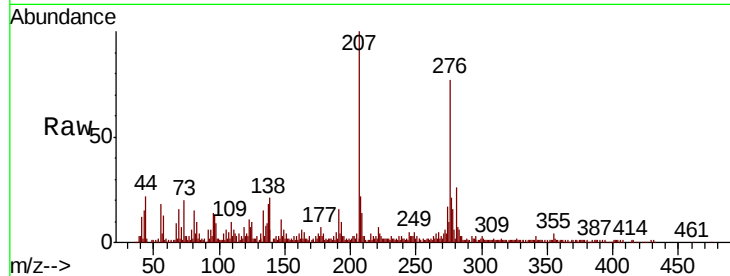
ClientSampleId :

A4270

Tot Ion:	276	Resp:	168855
Ion Ratio	Lower	Upper	
276	100		
138	34.0	17.9	26.9#
277	26.7	19.7	29.5

Manual Integrations
APPROVED

mohammad
5/30/2019 1:28:41 PM



#93

Benzo(g,h,i)perylene

Concen: 1.174 ng/ul

RT: 26.56 min Scan# 3979

Delta R.T. -0.01 min

Lab File: BN005936.D

Acq: 29 May 2019 18:30

Tgt Ion:	276	Resp:	140138
Ion Ratio	Lower	Upper	
276	100		
138	24.7	16.7	25.1
277	23.9	18.2	27.2

