

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN052919\
 Data File : BN005948.D
 Acq On : 30 May 2019 01:27
 Operator : JU/SJ
 Sample : K2924-22
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A42F4

Manual Integrations
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mohammad
 5/30/2019 1:29:14 PM

Quant Time: May 30 07:25:14 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	7.74	152	575777	20.00	ng/ul	0.01
18) Naphthalene-d8	10.52	136	2516658	20.00	ng/ul	0.01
35) Acenaphthene-d10	14.38	164	1420007	20.00	ng/ul	0.01
61) Phenanthrene-d10	17.14	188	2966617	20.00	ng/ul	0.02
77) Chrysene-d12	21.34	240	1909051	20.00	ng/ul	0.01
85) Perylene-d12	23.62	264	2051611	20.00	ng/ul	0.03

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.27	96	57696	4.41	ng/uL	0.00
5) Phenol-d5	6.91	99	1166211	22.85	ng/ul	0.01
7) Bis-(2-Chloroethyl)ether-d	7.08	67	685501	23.54	ng/ul	0.00
9) 2-Chlorophenol-d4	7.27	132	947488	24.37	ng/ul	0.00
13) 4-Methylphenol-d8	8.44	113	835269	20.28	ng/ul	0.01
19) Nitrobenzene-d5	8.89	128	474917	29.40	ng/ul	0.01
22) 2-Nitrophenol-d4	9.61	143	382522	25.43	ng/ul	0.01
26) 2,4-Dichlorophenol-d3	10.15	165	907372	25.54	ng/ul	0.02
29) 4-Chloroaniline-d4	10.66	131	910439	19.55	ng/ul	0.01
43) Dimethylphthalate-d6	13.79	166	2676420	25.57	ng/ul	0.01
46) Acenaphthylene-d8	14.08	160	3452265	26.36	ng/ul	0.02
51) 4-Nitrophenol-d4	14.58	143	370000	19.42	ng/ul	0.02
57) Fluorene-d10	15.38	176	2354706	26.82	ng/ul	0.01
62) 4,6-Dinitro-2-methylphenol	15.51	200	13847	1.15	ng/ul	0.03
70) Anthracene-d10	17.24	188	3268349	25.89	ng/ul	0.02
78) Pyrene-d10	19.54	212	3029491	31.42	ng/ul	0.01
89) Benzo(a)pyrene-d12	23.47	264	2359116	25.77	ng/ul	0.02

Target Compounds

					Ovalue	
44) Dimethylphthalate	13.84	163	844711	8.073	ng/ul	100
69) Phenanthrene	17.18	178	613365	4.173	ng/ul	100
71) Anthracene	17.26	178	161457	1.082	ng/ul	98
76) Fluoranthene	19.20	202	1124261	7.165	ng/ul#	95
79) Pyrene	19.56	202	921327	7.619	ng/ul#	94
82) Benzo(a)anthracene	21.32	228	445207	3.710	ng/ul	95
84) Chrysene	21.38	228	452000m	4.038	ng/ul	
87) Benzo(b)fluoranthene	22.93	252	578254	5.018	ng/ul#	91
88) Benzo(k)fluoranthene	22.97	252	211689m	1.998	ng/ul	
90) Benzo(a)pyrene	23.52	252	391253	3.600	ng/ul#	86
91) Indeno(1,2,3-cd)pyrene	25.91	276	293230	2.300	ng/ul#	92
93) Benzo(g,h,i)perylene	26.61	276	193553	1.802	ng/ul#	88

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

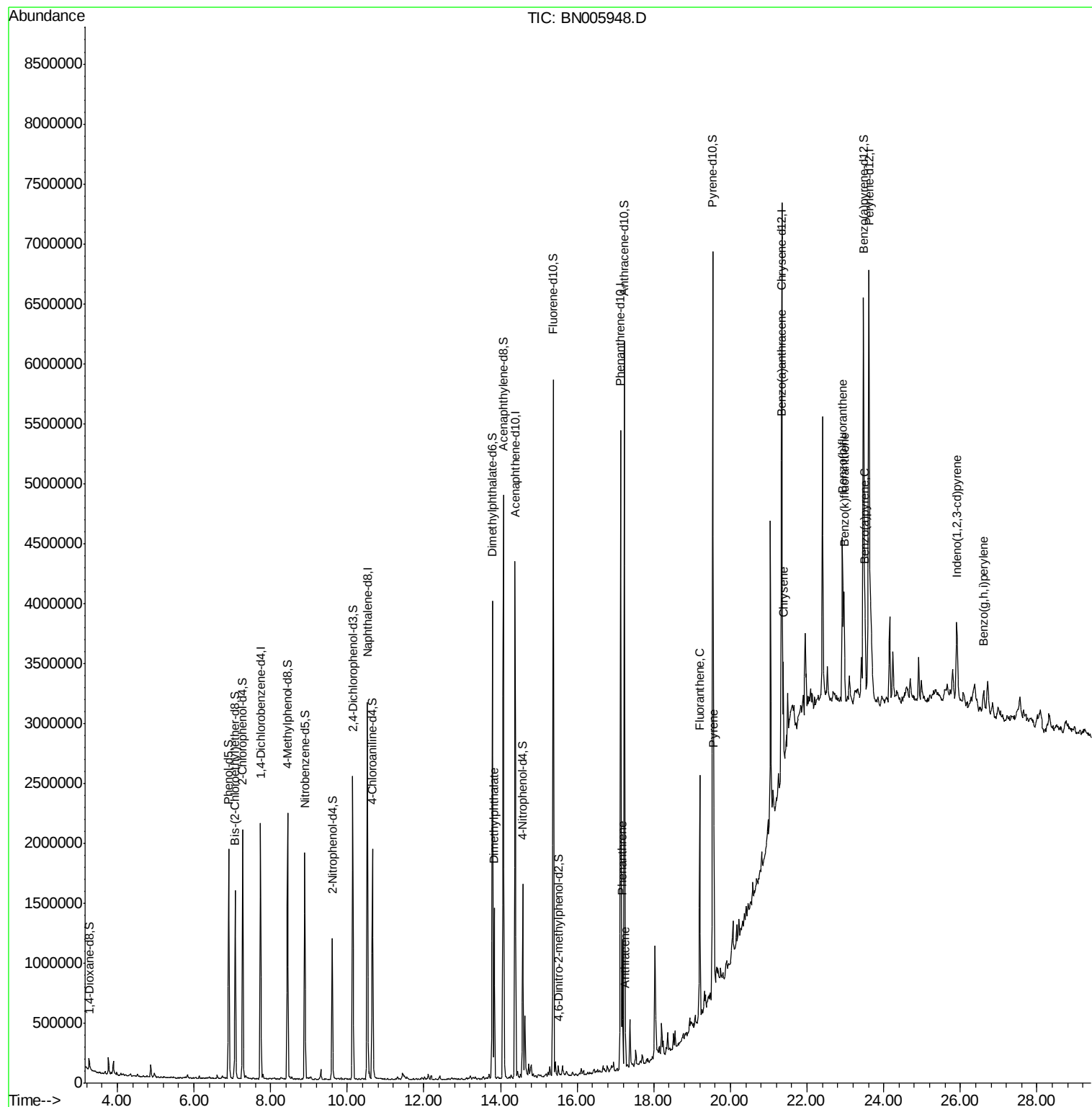
Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN052919\
Data File : BN005948.D
Acq On : 30 May 2019 01:27
Operator : JU/SJ
Sample : K2924-22
Misc :
ALS Vial : 28 Sample Multiplier: 1

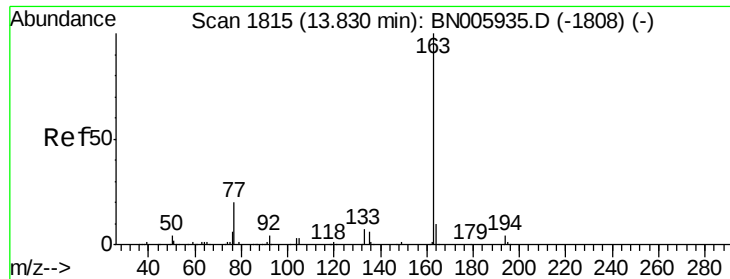
Instrument :
BNA_N
ClientSampled :
A42F4

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN052819MA.M
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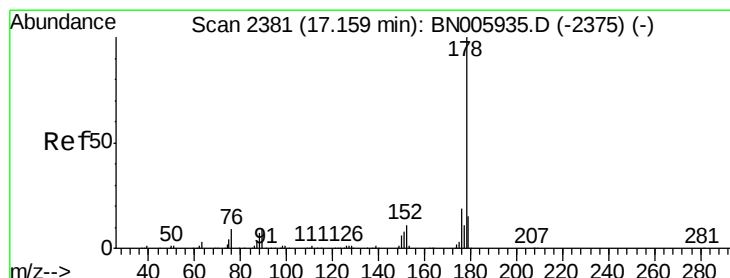
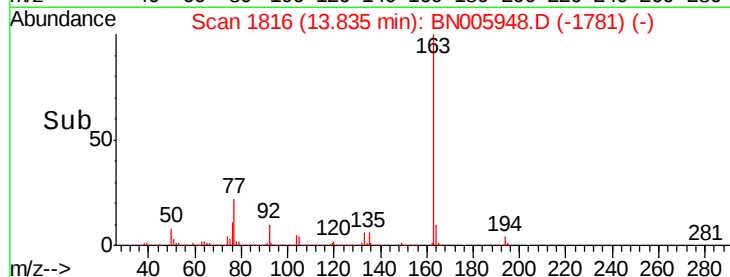
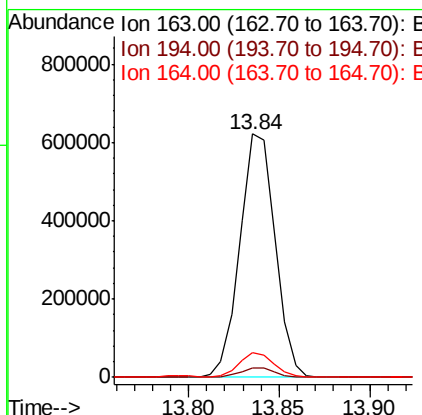
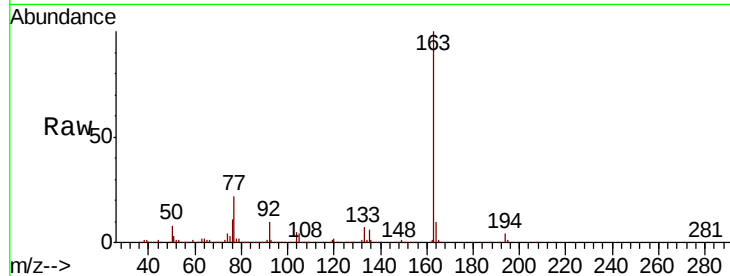
#44
Dimethylphthalate
Concen: 8.073 ng/ul
RT: 13.84 min Scan# 1816
Delta R.T. 0.01 min
Lab File: BN005948.D
Acq: 30 May 2019 01:27

Instrument :
BNA_N
ClientSampleId :
A42F4

Tot Ion	Ratio	Resp	Lower	Upper
163	100	844711		
194	4.1		3.4	5.0
164	10.1		8.1	12.1

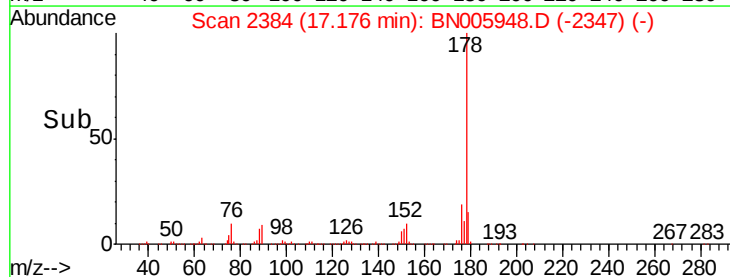
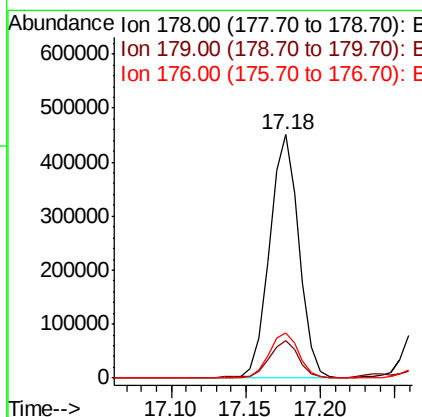
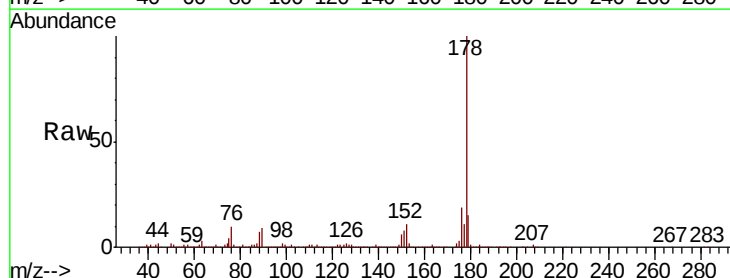
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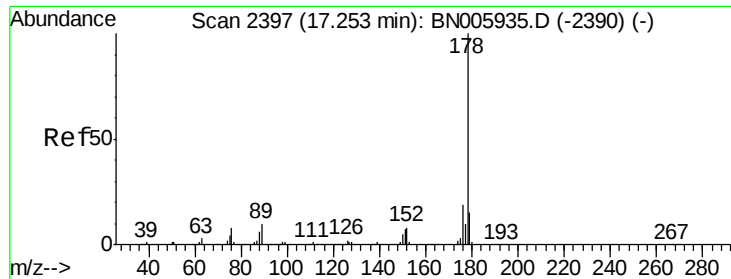
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#69
Phenanthrene
Concen: 4.173 ng/ul
RT: 17.18 min Scan# 2384
Delta R.T. 0.02 min
Lab File: BN005948.D
Acq: 30 May 2019 01:27

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	613365		
179	15.4		12.2	18.4
176	18.8		15.1	22.7





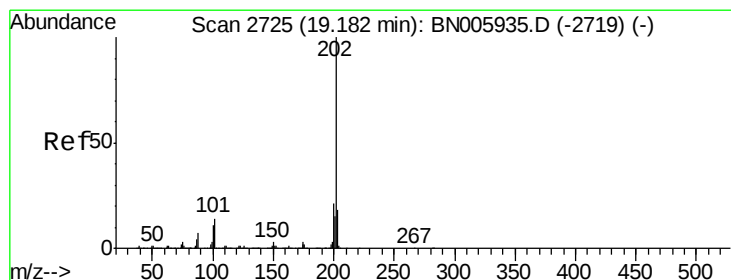
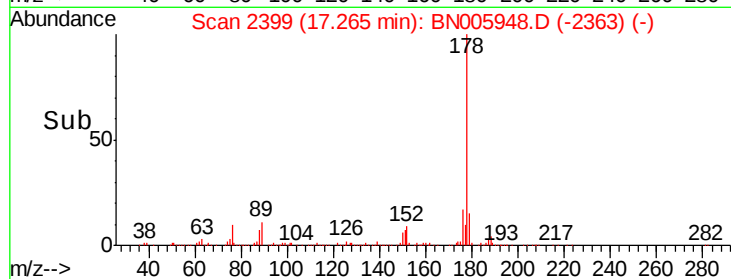
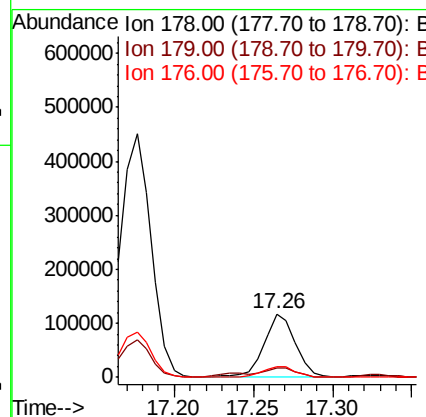
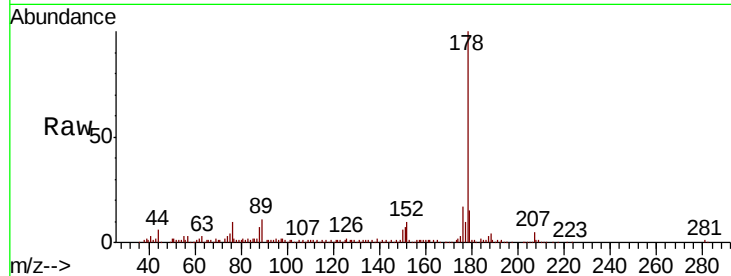
#71
 Anthracene
 Concen: 1.082 ng/ul
 RT: 17.26 min Scan# 2399
 Delta R.T. 0.01 min
 Lab File: BN005948.D
 Acq: 30 May 2019 01:27

Instrument :
 BNA_N
 ClientSampleId :
 A42F4

Tot Ion	Ratio	Lower	Upper
178	100		
179	15.3	12.3	18.5
176	17.1	15.1	22.7

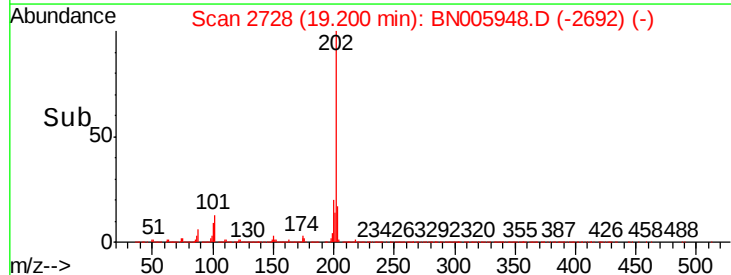
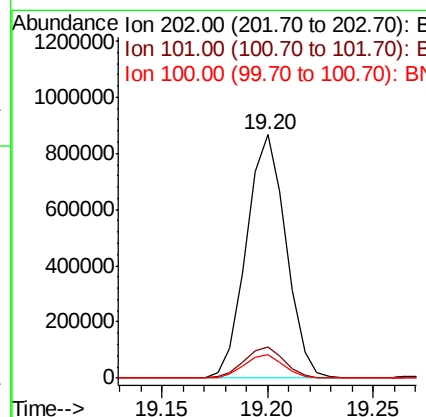
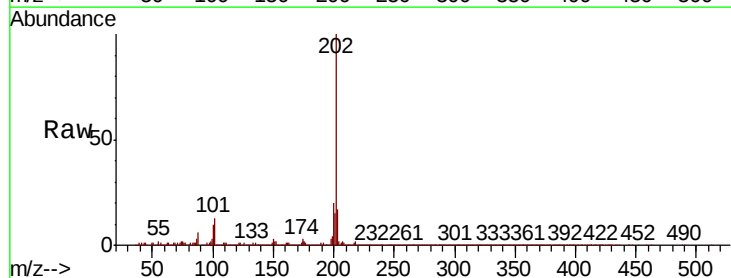
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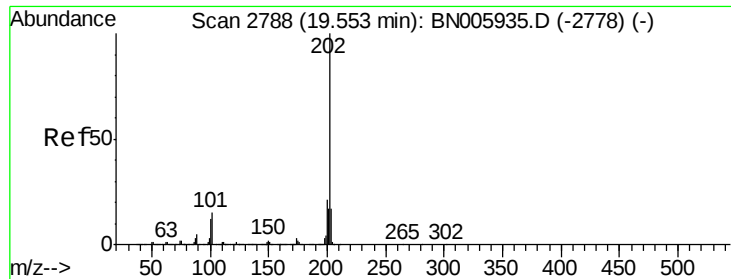
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#76
 Fluoranthene
 Concen: 7.165 ng/ul
 RT: 19.20 min Scan# 2728
 Delta R.T. 0.01 min
 Lab File: BN005948.D
 Acq: 30 May 2019 01:27

Tgt Ion	Ratio	Lower	Upper
202	100		
101	12.9	8.6	12.8#
100	9.5	6.3	9.5#





#79

Pvrene

Concen: 7.619 ng/ul

RT: 19.56 min Scan# 2790

Delta R.T. 0.01 min

Lab File: BN005948.D

Acq: 30 May 2019 01:27

Instrument :

BNA_N

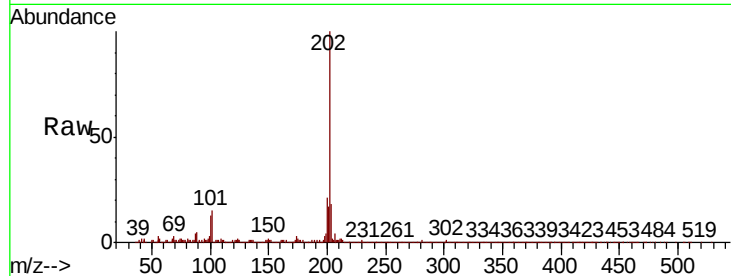
ClientSampleId :

A42F4

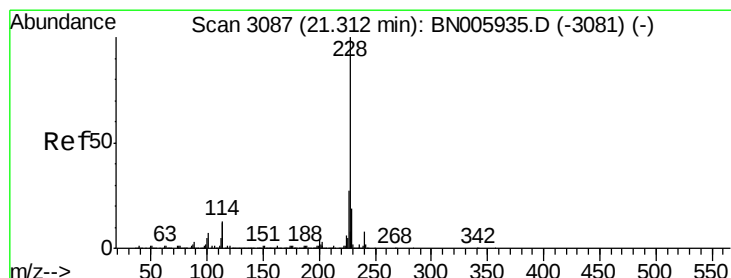
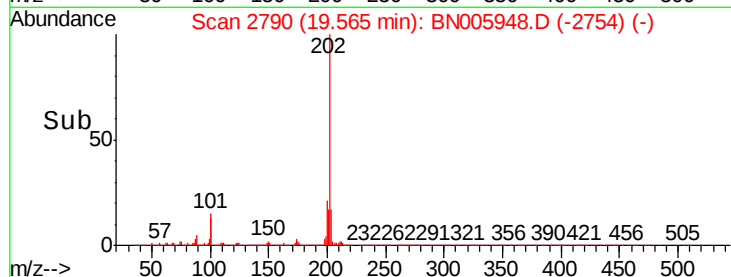
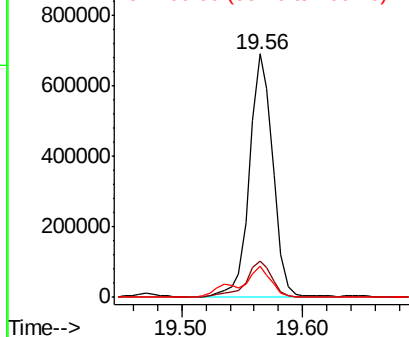
Tot Ion:	202	Resp:	921327
Ion Ratio	Lower	Upper	
202	100		
101	15.0	10.3	15.5
100	12.9	7.9	11.9#

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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: 3.710 ng/ul

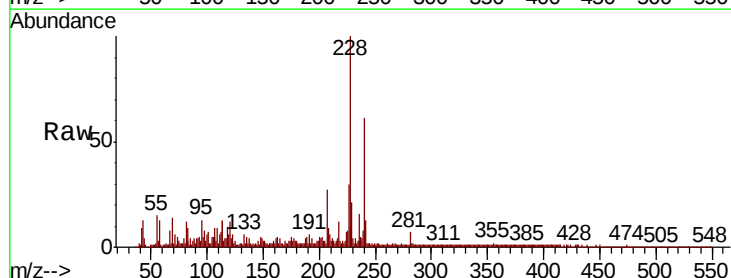
RT: 21.32 min Scan# 3089

Delta R.T. 0.01 min

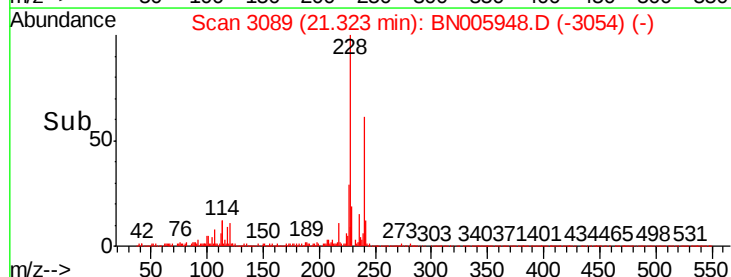
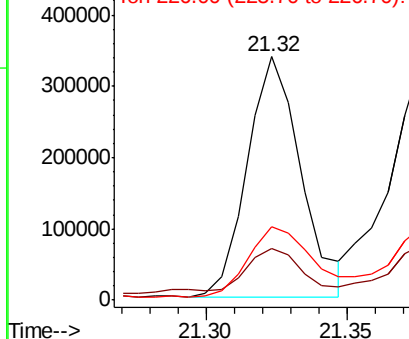
Lab File: BN005948.D

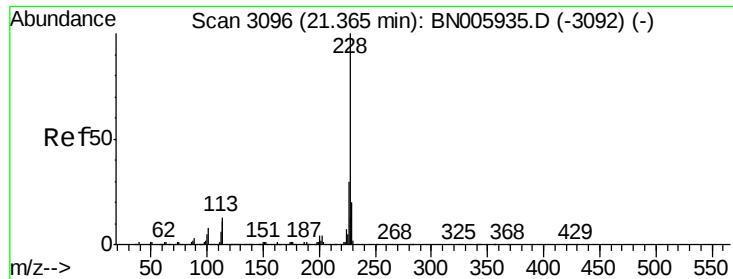
Acq: 30 May 2019 01:27

Tgt Ion:	228	Resp:	445207
Ion Ratio	Lower	Upper	
228	100		
229	21.2	15.8	23.6
226	29.9	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: 4.038 ng/ul m

RT: 21.38 min Scan# 3098

Delta R.T. 0.01 min

Lab File: BN005948.D

Acq: 30 May 2019 01:27

Instrument :

BNA_N

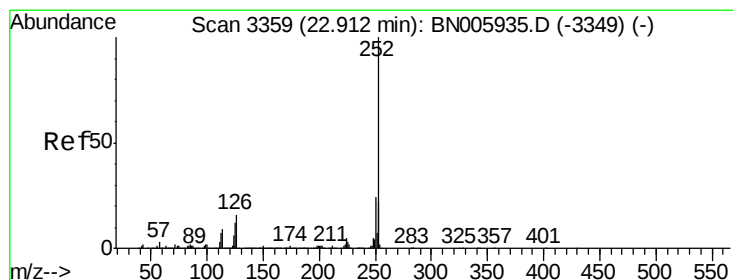
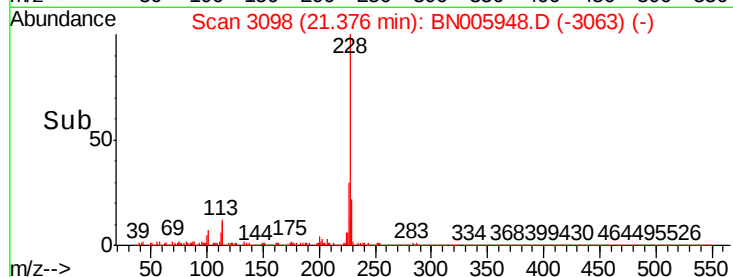
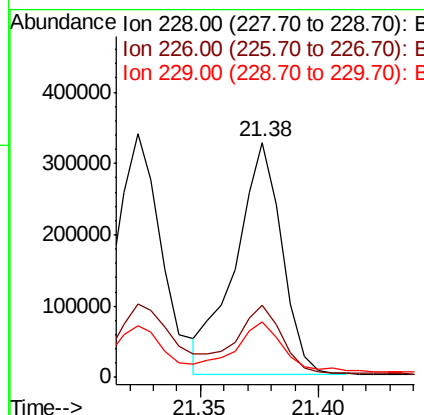
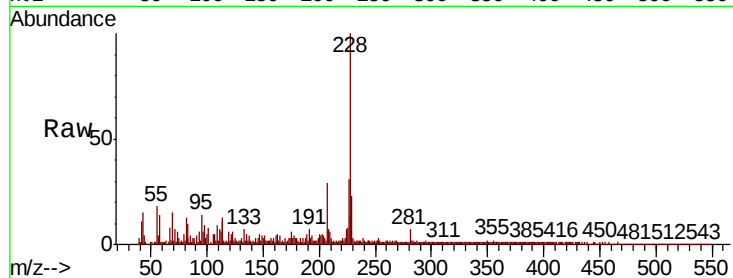
ClientSampled :

A42F4

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.8	24.0	36.0
229	23.4	15.4	23.0

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#87

Benzo(b)fluoranthene

Concen: 5.018 ng/ul

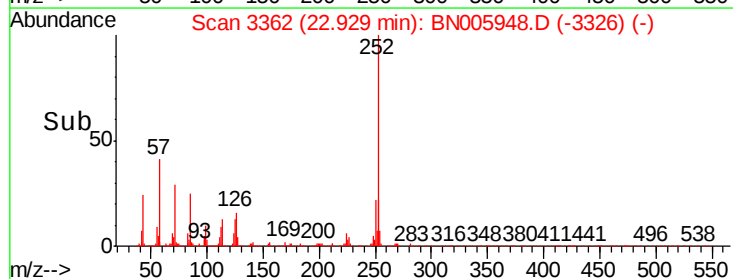
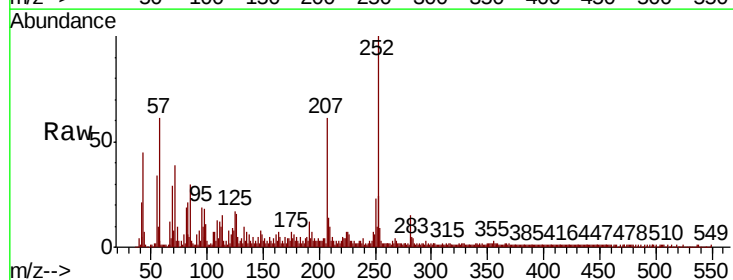
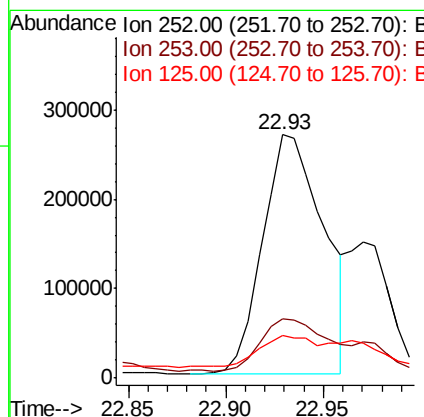
RT: 22.93 min Scan# 3362

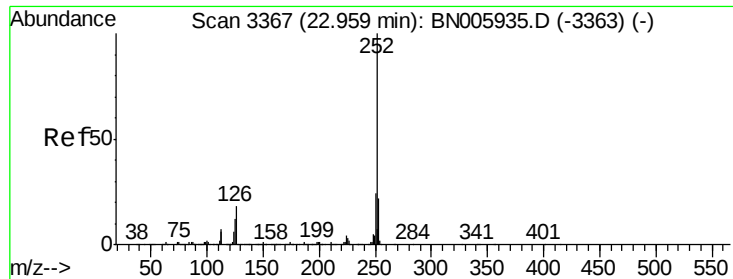
Delta R.T. 0.01 min

Lab File: BN005948.D

Acq: 30 May 2019 01:27

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.2	17.7	26.5
125	17.4	8.4	12.6





#88

Benzo(k)fluoranthene

Concen: 1.998 ng/ul

RT: 22.97 min Scan# 3369

Delta R.T. 0.01 min

Lab File: BN005948.D

Acq: 30 May 2019 01:27

Instrument :

BNA_N

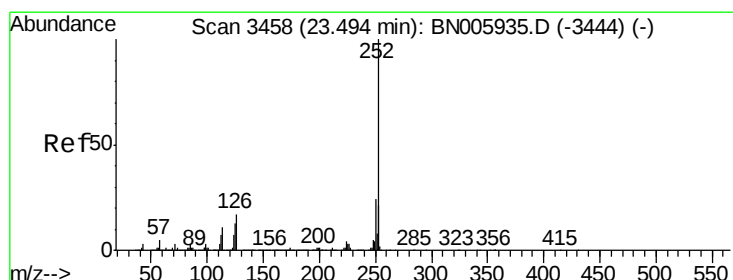
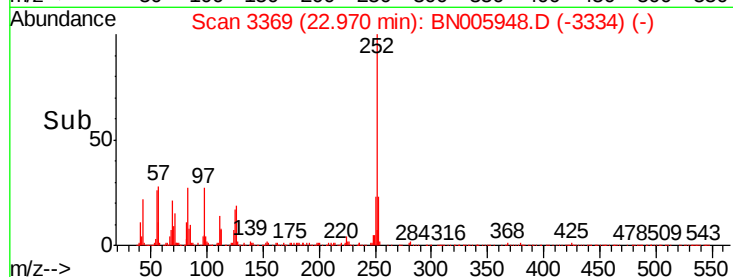
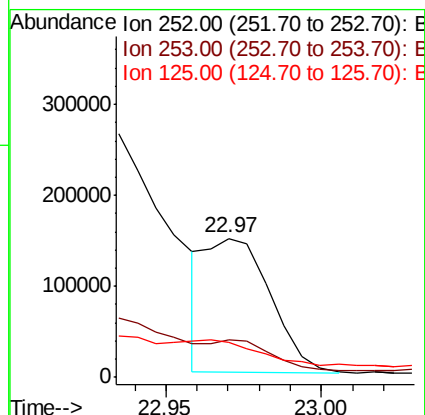
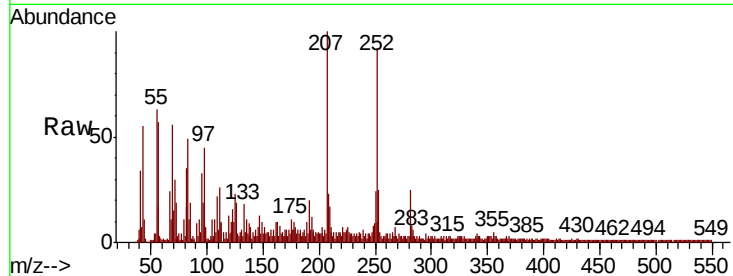
ClientSampleId :

A42F4

Tot Ion:	252	Resp:	211689
Ion Ratio	Lower	Upper	
252	100		
253	27.0	17.4	26.0#
125	25.6	7.5	11.3#

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#90

Benzo(a)pyrene

Concen: 3.600 ng/ul

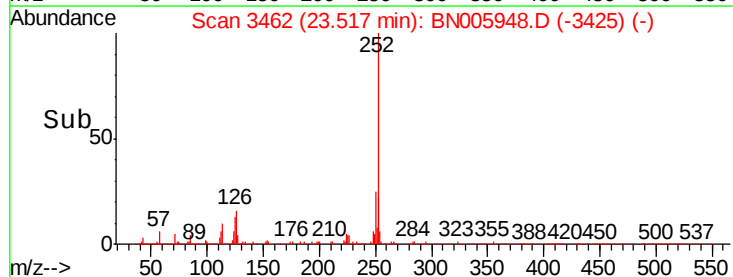
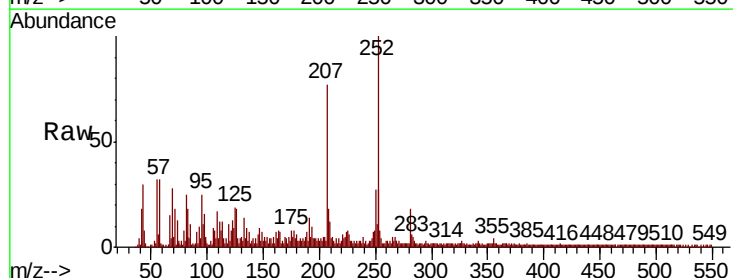
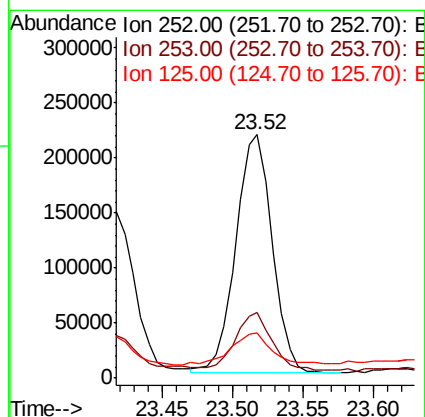
RT: 23.52 min Scan# 3462

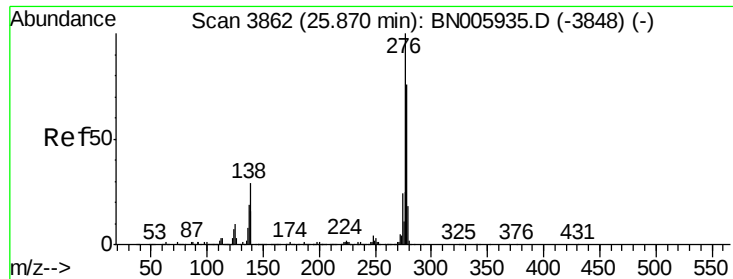
Delta R.T. 0.02 min

Lab File: BN005948.D

Acq: 30 May 2019 01:27

Tgt Ion:	252	Resp:	391253
Ion Ratio	Lower	Upper	
252	100		
253	26.8	17.3	25.9#
125	18.5	8.6	13.0#





#91

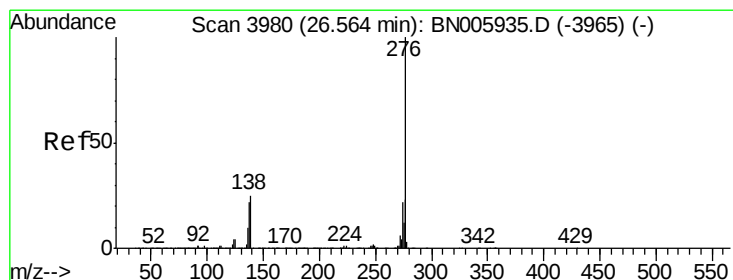
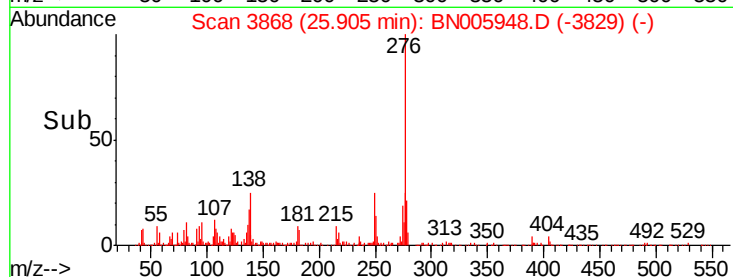
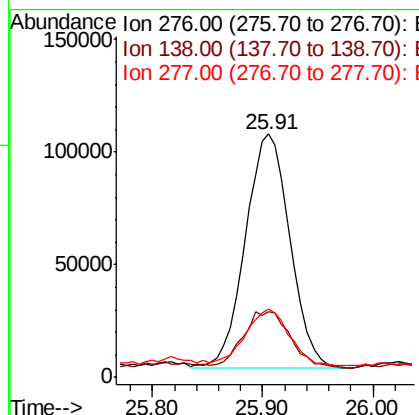
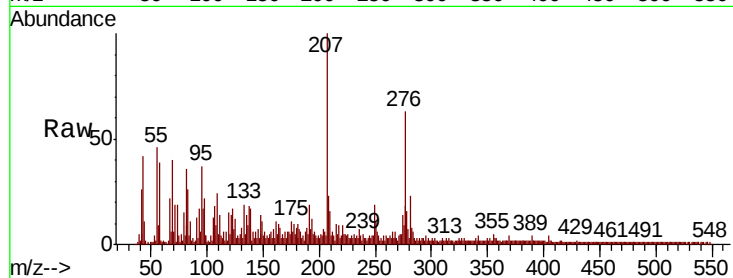
Indeno(1,2,3-cd)pyrene
Concen: 2.300 ng/ul
RT: 25.91 min Scan# 3868
Delta R.T. 0.03 min
Lab File: BN005948.D
Acq: 30 May 2019 01:27

Instrument :
BNA_N
ClientSampled :
A42F4

Tot Ion	Ratio	Lower	Upper
276	100		
138	26.9	17.9	26.9#
277	28.1	19.7	29.5

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#93

Benzo(g,h,i)perylene
Concen: 1.802 ng/ul
RT: 26.61 min Scan# 3988
Delta R.T. 0.04 min
Lab File: BN005948.D
Acq: 30 May 2019 01:27

Tgt Ion	Ratio	Lower	Upper
276	100		
138	27.1	16.7	25.1#
277	27.8	18.2	27.2#

