

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN050219\
 Data File : BN005419.D
 Acq On : 02 May 2019 17:18
 Operator : JU/SJ
 Sample : K2603-01
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 GAJ55

Manual Integrations
 APPROVED

Sohil
 5/3/2019 4:57:47 PM

Quant Time: May 03 03:49:59 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri May 03 03:02:31 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.59	152	228644	20.00	ng/ul	0.00
18) Naphthalene-d8	10.35	136	989022	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.23	164	623989	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.98	188	1387842	20.00	ng/ul	0.00
77) Chrysene-d12	21.22	240	1242041	20.00	ng/ul	0.00
85) Perylene-d12	23.43	264	1351009	20.00	ng/ul	0.02

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.22	96	22227	4.69	ng/uL	0.00
5) Phenol-d5	6.78	99	460869	25.66	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.94	67	278543	24.86	ng/ul	0.00
9) 2-Chlorophenol-d4	7.13	132	382892	27.86	ng/ul	0.00
13) 4-Methylphenol-d8	8.29	113	356882	25.42	ng/ul	0.00
19) Nitrobenzene-d5	8.73	128	204731	33.63	ng/ul	0.00
22) 2-Nitrophenol-d4	9.45	143	228743	37.07	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.98	165	381859	26.99	ng/ul	0.00
29) 4-Chloroaniline-d4	10.49	131	513497	35.20	ng/ul	0.00
43) Dimethylphthalate-d6	13.65	166	1338864	29.56	ng/ul	0.00
46) Acenaphthylene-d8	13.92	160	1614933	29.03	ng/ul	0.00
51) 4-Nitrophenol-d4	14.45	143	172392	24.10	ng/ul	0.00
57) Fluorene-d10	15.23	176	1128153	29.68	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.36	200	169932	27.22	ng/ul	0.00
70) Anthracene-d10	17.08	188	1703132	29.27	ng/ul	0.00
78) Pyrene-d10	19.39	212	1776762	27.96	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.29	264	1622104	27.47	ng/ul	0.01

Target Compounds

					Ovalue
6) Phenol	6.80	94	25820	1.398 ng/ul	96
44) Dimethylphthalate	13.69	163	565400	12.527 ng/ul	98
47) Acenaphthylene	13.95	152	97507	1.783 ng/ul	98
76) Fluoranthene	19.06	202	146224	1.950 ng/ul#	94
79) Pyrene	19.42	202	610788	7.638 ng/ul#	95
82) Benzo(a)anthracene	21.20	228	243468m	3.151 ng/ul	
84) Chrysene	21.25	228	256568	3.578 ng/ul	98
87) Benzo(b)fluoranthene	22.77	252	351452m	4.628 ng/ul	
88) Benzo(k)fluoranthene	22.82	252	102948m	1.419 ng/ul	
90) Benzo(a)pyrene	23.33	252	324125	4.541 ng/ul	99
91) Indeno(1,2,3-cd)pyrene	25.62	276	148477	1.881 ng/ul	98
93) Benzo(g,h,i)perylene	26.29	276	105429	1.616 ng/ul	95

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

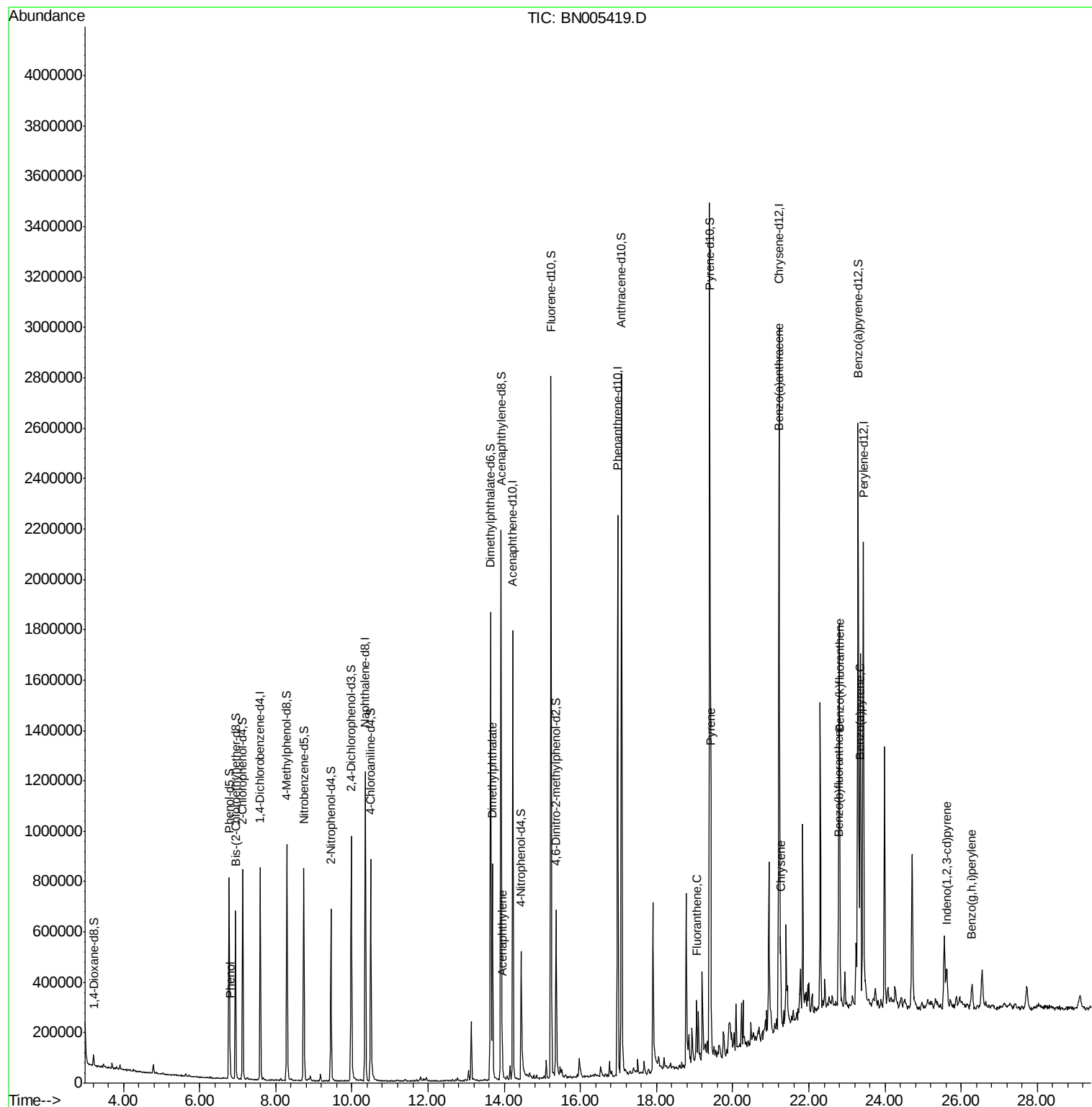
Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN050219\
Data File : BN005419.D
Acq On : 02 May 2019 17:18
Operator : JU/SJ
Sample : K2603-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

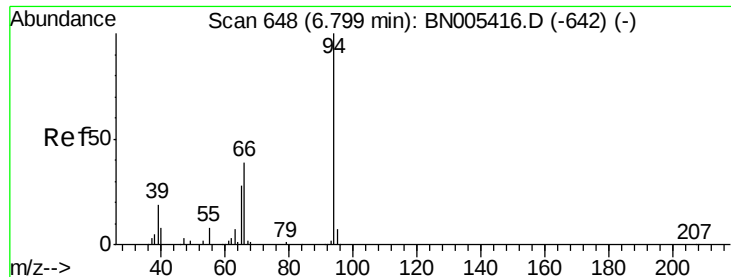
Instrument :
BNA_N
ClientSampled :
GAJ55

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Quant Time: May 03 03:49:59 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri May 03 03:02:31 2019
Response via : Initial Calibration





#6

Phenol

Concen: 1.398 ng/ul

RT: 6.80 min Scan# 649

Delta R.T. 0.01 min

Lab File: BN005419.D

Acq: 02 May 2019 17:18

Instrument :

BNA_N

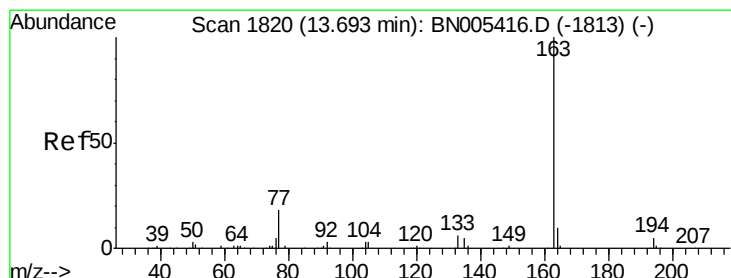
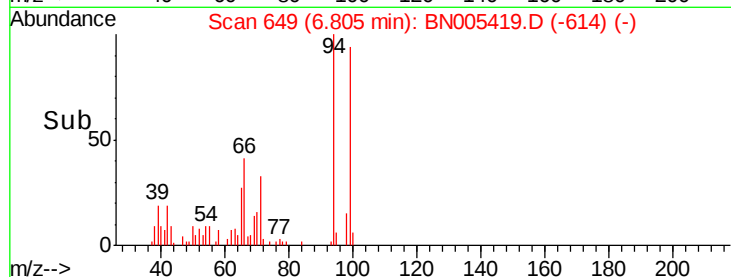
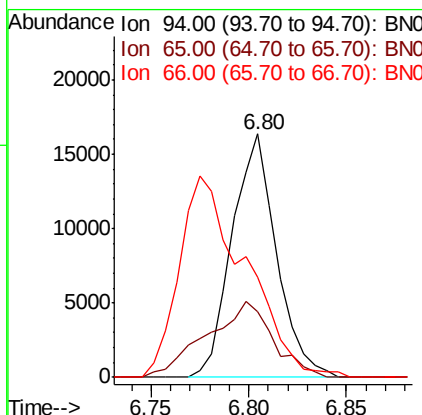
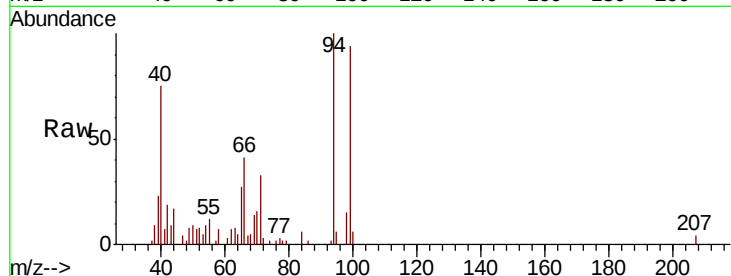
ClientSampleId :

GAJ55

Tot Ion:	94	Resp:	25820
Ion	Ratio	Lower	Upper
94	100		
65	26.8	24.2	36.4
66	41.3	33.8	50.6

Manual Integrations
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#44

Dimethylphthalate

Concen: 12.527 ng/ul

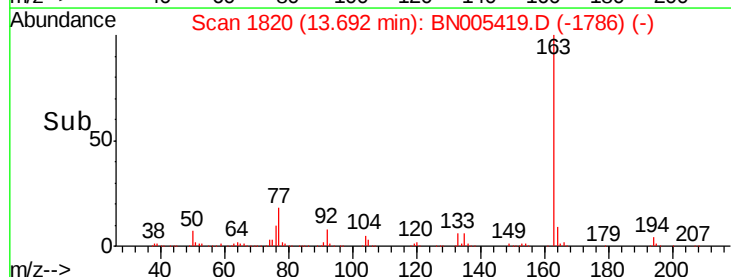
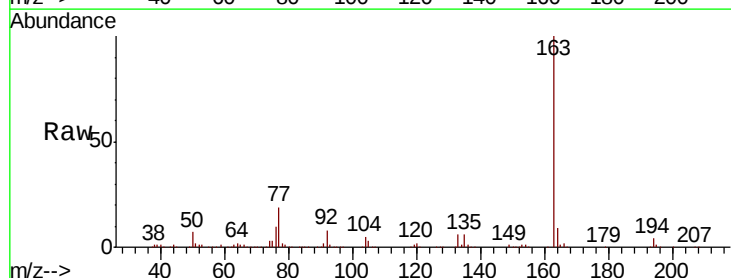
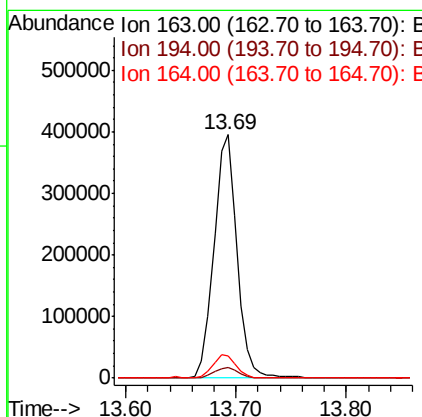
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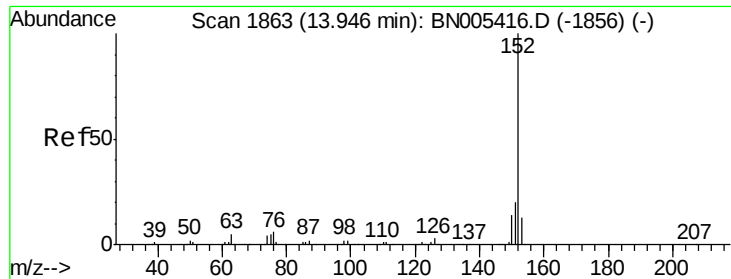
Delta R.T. -0.00 min

Lab File: BN005419.D

Acq: 02 May 2019 17:18

Tgt Ion:	163	Resp:	565400
Ion	Ratio	Lower	Upper
163	100		
194	4.4	3.4	5.0
164	9.2	8.1	12.1





#47

Acenaphthylene

Concen: 1.783 ng/ul

RT: 13.95 min Scan# 1863

Delta R.T. -0.00 min

Lab File: BN005419.D

Acq: 02 May 2019 17:18

Instrument :

BNA_N

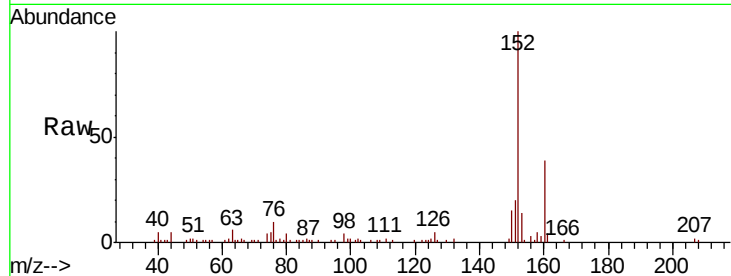
ClientSampleId :

GAJ55

Tot Ion:	152	Resp:	97507
Ion Ratio	Lower	Upper	
152	100		
151	20.5	15.8	23.8
153	13.7	9.8	14.8

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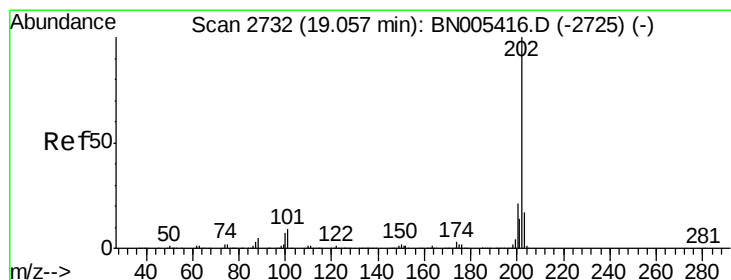
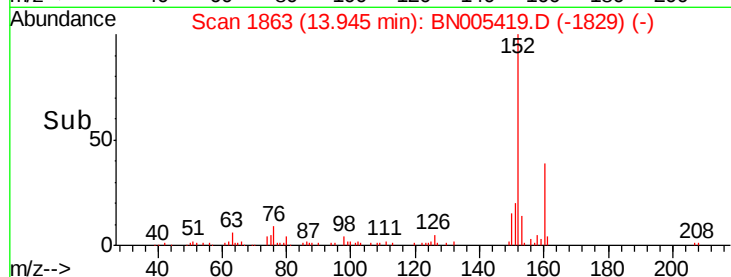
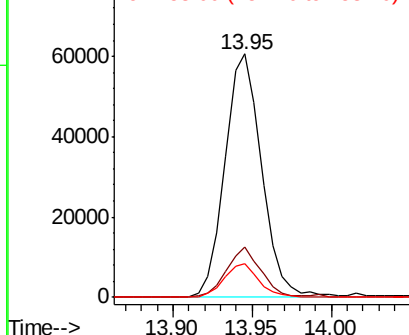


Abundance

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



#76

Fluoranthene

Concen: 1.950 ng/ul

RT: 19.06 min Scan# 2732

Delta R.T. -0.00 min

Lab File: BN005419.D

Acq: 02 May 2019 17:18

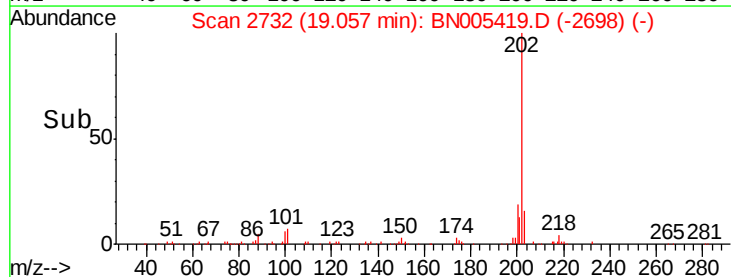
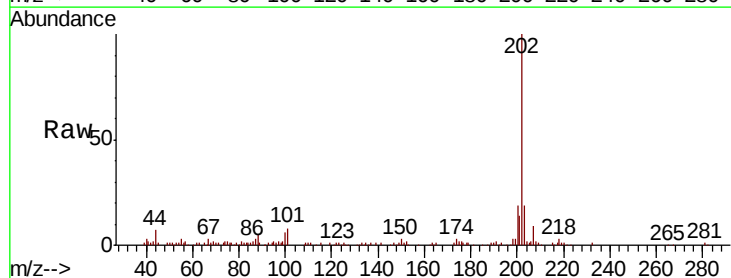
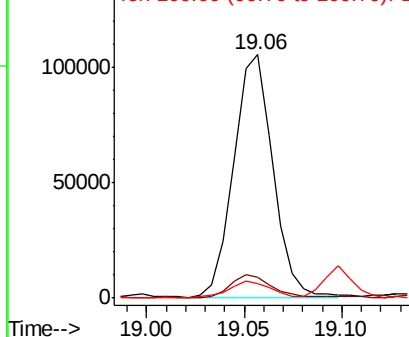
Tgt Ion:	202	Resp:	146224
Ion Ratio	Lower	Upper	
202	100		
101	8.5	8.6	12.8#
100	6.0	6.3	9.5#

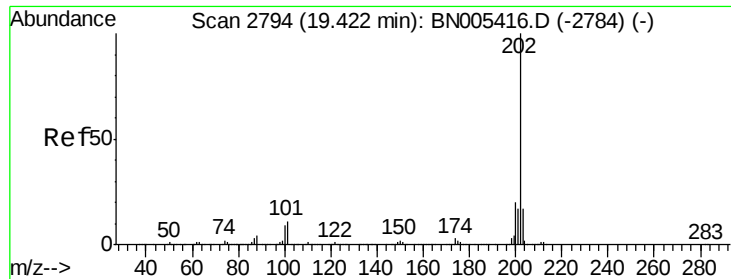
Abundance

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





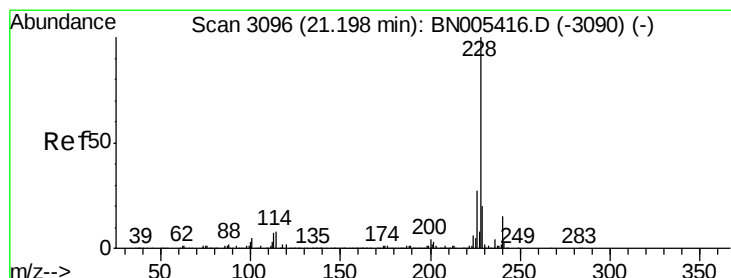
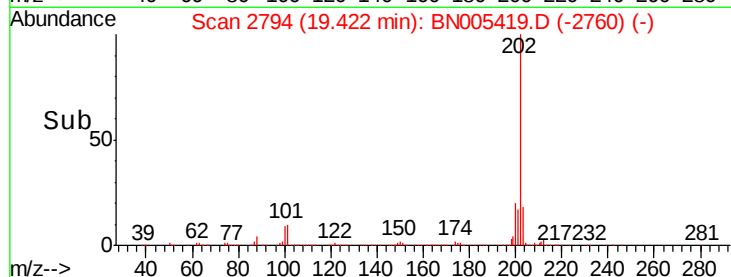
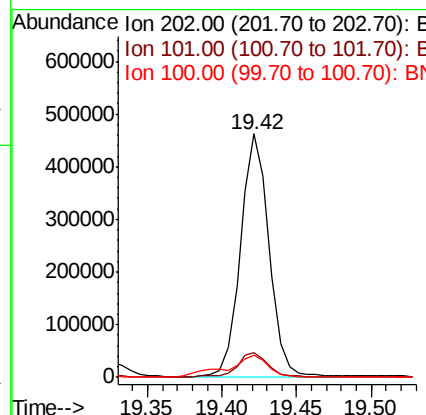
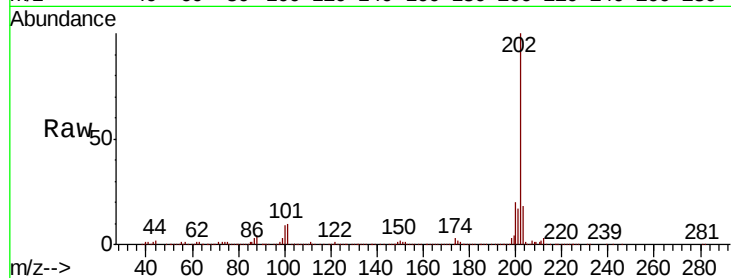
#79
Pvrene
Concen: 7.638 ng/ul
RT: 19.42 min Scan# 2794
Delta R.T. -0.00 min
Lab File: BN005419.D
Acq: 02 May 2019 17:18

Instrument :
BNA_N
ClientSampleId :
GAJ55

Tot Ion	Ratio	Lower	Upper
202	100		
101	10.0	10.3	15.5#
100	8.9	7.9	11.9

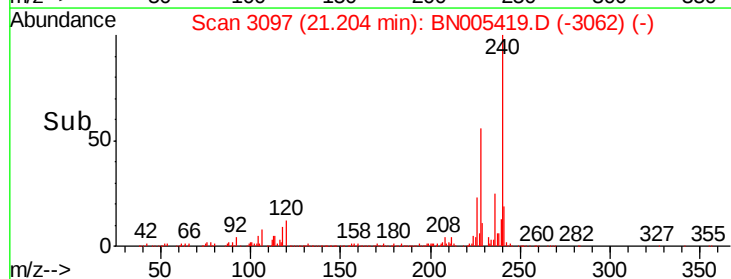
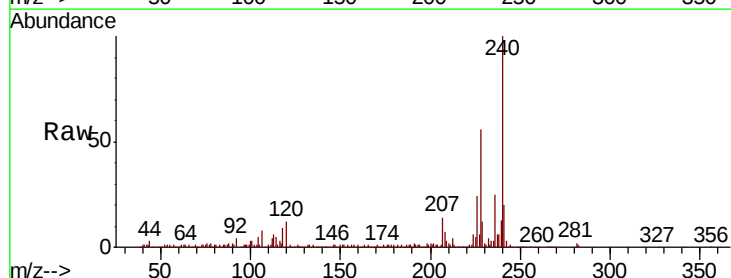
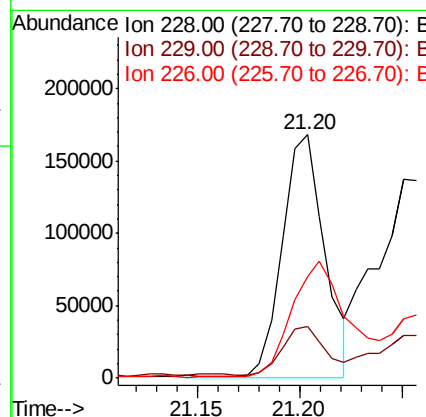
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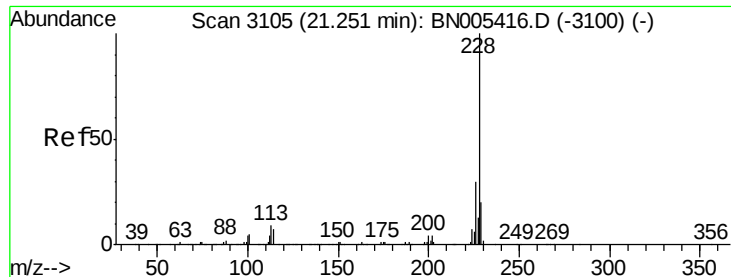
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#82
Benzo(a)anthracene
Concen: 3.151 ng/ul m
RT: 21.20 min Scan# 3097
Delta R.T. 0.01 min
Lab File: BN005419.D
Acq: 02 May 2019 17:18

Tgt Ion	Ratio	Lower	Upper
228	100		
229	21.4	15.8	23.6
226	41.8	21.4	32.2#





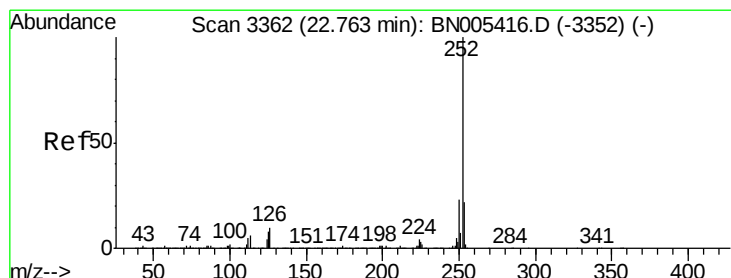
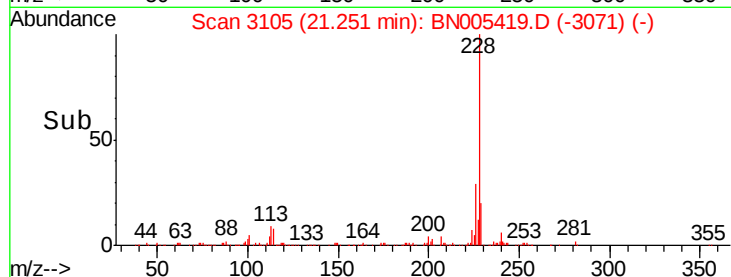
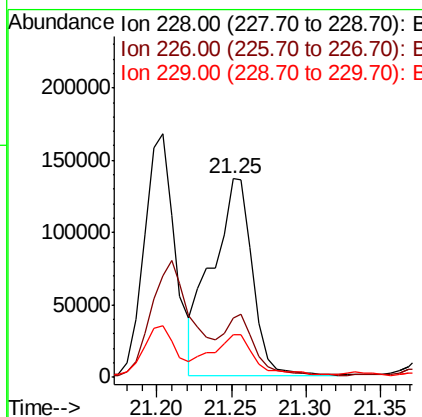
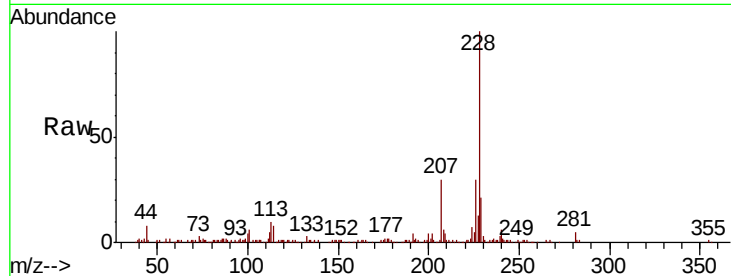
#84
Chrysene
Concen: 3.578 ng/ul
RT: 21.25 min Scan# 3105
Delta R.T. -0.00 min
Lab File: BN005419.D
Acq: 02 May 2019 17:18

Instrument :
BNA_N
ClientSampled :
GAJ55

Tot Ion:	228	Resp:	256568
Ion Ratio	Lower	Upper	
228	100		
226	29.7	24.0	36.0
229	21.5	15.4	23.0

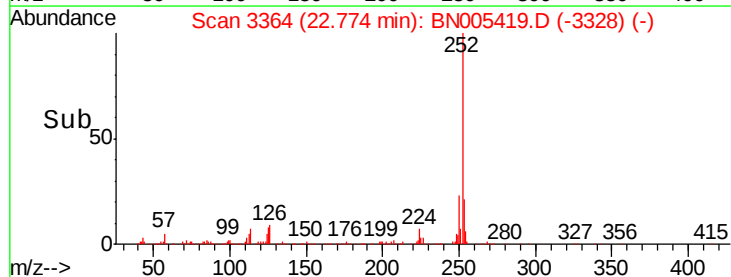
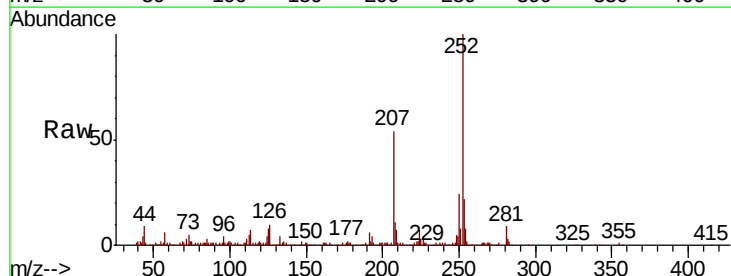
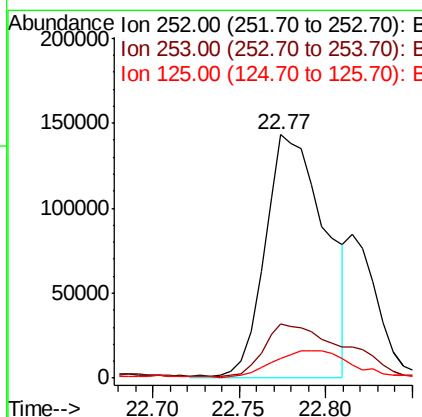
Manual Integrations
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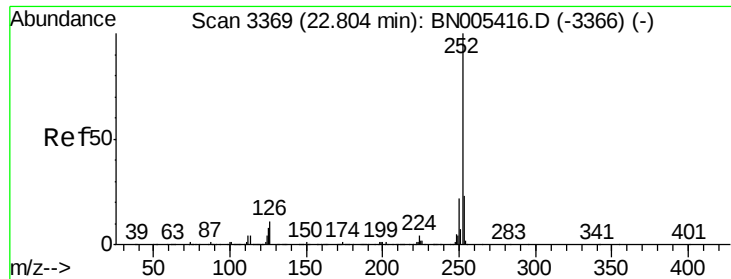
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#87
Benzo(b)fluoranthene
Concen: 4.628 ng/ul m
RT: 22.77 min Scan# 3364
Delta R.T. 0.01 min
Lab File: BN005419.D
Acq: 02 May 2019 17:18

Tgt Ion:	252	Resp:	351452
Ion Ratio	Lower	Upper	
252	100		
253	22.1	17.7	26.5
125	7.9	8.4	12.6#





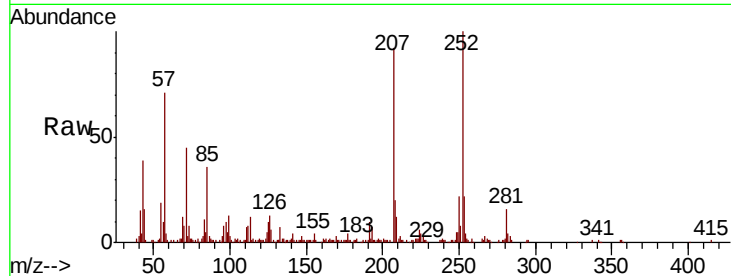
#88
Benzo(k)fluoranthene
Concen: 1.419 ng/ul m
RT: 22.82 min Scan# 3371
Delta R.T. 0.01 min
Lab File: BN005419.D
Acq: 02 May 2019 17:18

Instrument :
BNA_N
ClientSampleId :
GAJ55

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.4	26.0
125	9.6	7.5	11.3

Manual Integrations
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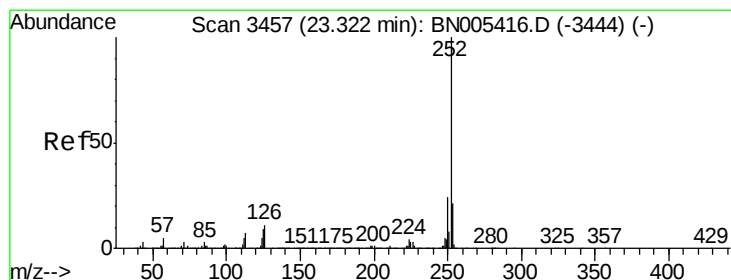
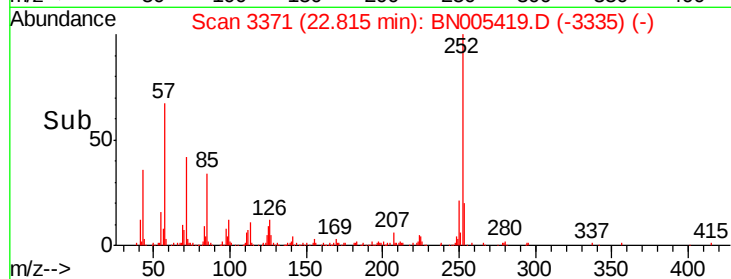
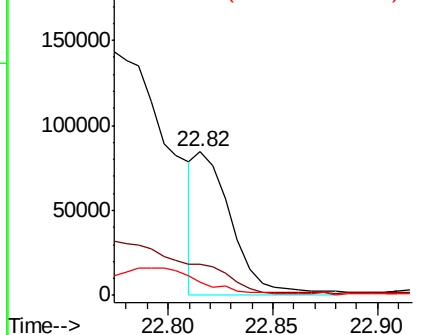


Abundance

Ion 252.00 (251.70 to 252.70): E

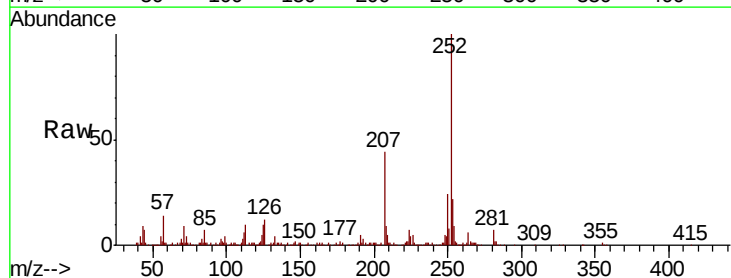
Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90
Benzo(a)pyrene
Concen: 4.541 ng/ul
RT: 23.33 min Scan# 3459
Delta R.T. 0.01 min
Lab File: BN005419.D
Acq: 02 May 2019 17:18

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.3	25.9
125	10.4	8.6	13.0

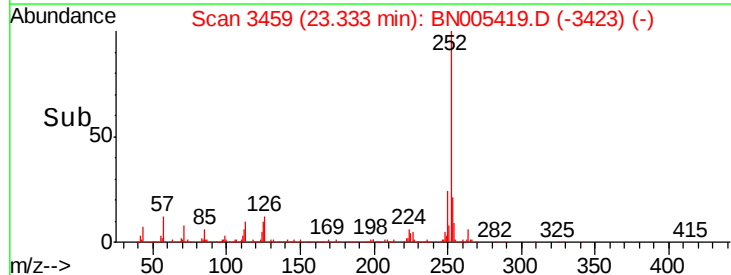
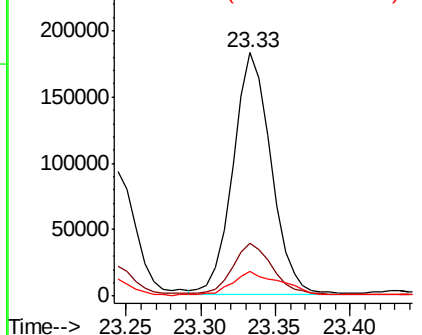


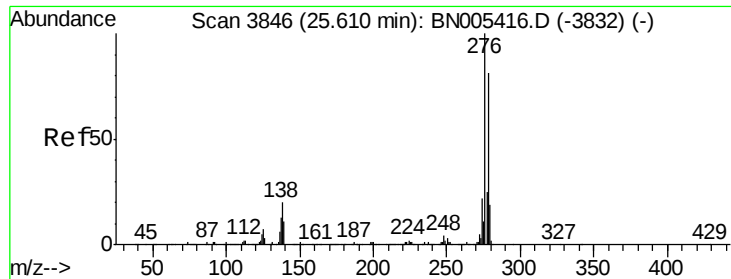
Abundance

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





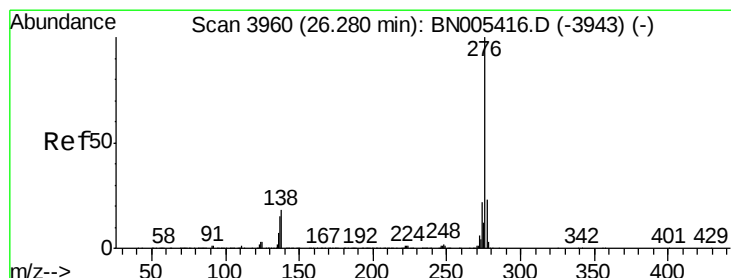
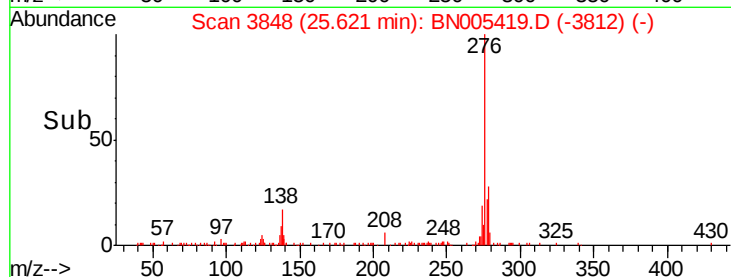
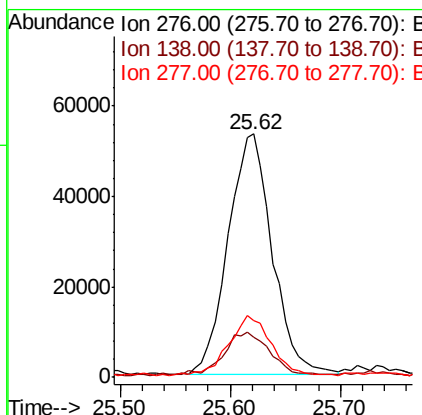
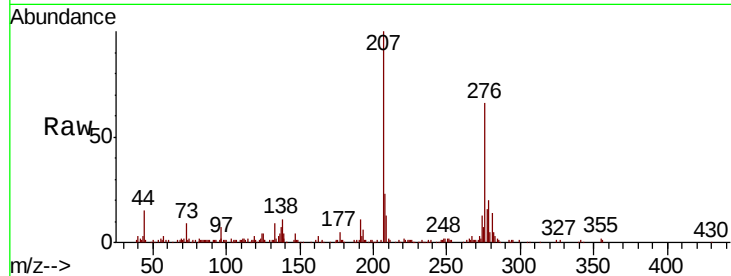
#91
Indeno(1,2,3-cd)pyrene
Concen: 1.881 ng/ul
RT: 25.62 min Scan# 3848
Delta R.T. 0.01 min
Lab File: BN005419.D
Acq: 02 May 2019 17:18

Instrument :
BNA_N
ClientSampleId :
GAJ55

Tot Ion	Ratio	Lower	Upper
276	100		
138	22.2	17.9	26.9
277	23.3	19.7	29.5

Manual Integrations
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#93
Benzo(g,h,i)perylene
Concen: 1.616 ng/ul
RT: 26.29 min Scan# 3961
Delta R.T. 0.01 min
Lab File: BN005419.D
Acq: 02 May 2019 17:18

Tgt Ion	Ratio	Lower	Upper
276	100		
138	17.0	16.7	25.1
277	24.0	18.2	27.2

