

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP091719\
 Data File : BP000287.D
 Acq On : 17 Sep 2019 21:02
 Operator : HP/JU
 Sample : K4923-02
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SB-31-COMP

Manual Integrations
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Quant Time: Sep 18 09:05:24 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP091619.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Sep 16 18:59:05 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	291704	20.00	ng	0.00
21) Naphthalene-d8	8.08	136	1014455	20.00	ng	0.00
39) Acenaphthene-d10	9.83	164	526274	20.00	ng	0.00
64) Phenanthrene-d10	11.33	188	937214	20.00	ng	0.00
76) Chrysene-d12	13.99	240	753617	20.00	ng	0.00
87) Perylene-d12	15.47	264	641636	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	1530510	90.58	ng	0.01
7) Phenol-d6	6.43	99	1947113	94.01	ng	0.00
23) Nitrobenzene-d5	7.35	82	656781	41.77	ng	0.00
42) 2,4,6-Tribromophenol	10.63	330	388035	74.34	ng	0.00
45) 2-Fluorobiphenyl	9.15	172	2241467	76.66	ng	0.00
79) Terphenyl-d14	12.93	244	2462139	68.54	ng	0.00
Target Compounds						
50) Dimethylphthalate	9.55	163	374270	10.438	ng	98
71) Phenanthrene	11.35	178	150912	3.213	ng	99
75) Fluoranthene	12.55	202	374385	7.424	ng	96
78) Pyrene	12.78	202	374937	6.650	ng	99
81) Benzo(a)anthracene	13.98	228	202573	4.255	ng	93
83) Chrysene	14.02	228	178240	3.813	ng	96
84) Bis(2-ethylhexyl)phthalate	13.98	149	63280	2.035	ng	# 99
88) Benzo(b)fluoranthene	15.04	252	232570m	6.076	ng	
90) Benzo(a)pyrene	15.41	252	146581	4.209	ng	95
92) Benzo(g,h,i)perylene	17.40	276	79719	2.388	ng	96

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

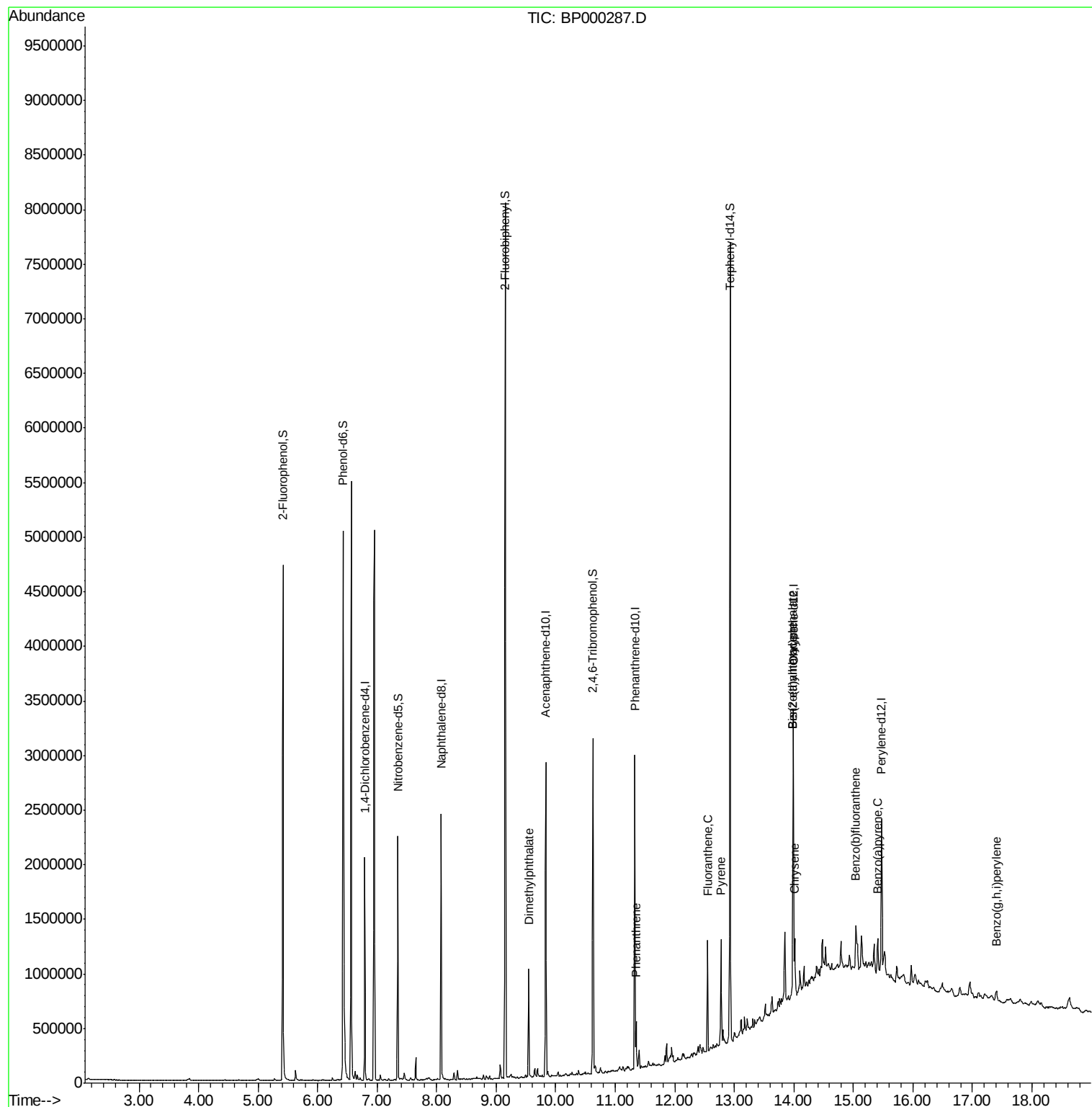
Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP091719\
Data File : BP000287.D
Acq On : 17 Sep 2019 21:02
Operator : HP/JU
Sample : K4923-02
Misc :
ALS Vial : 27 Sample Multiplier: 1

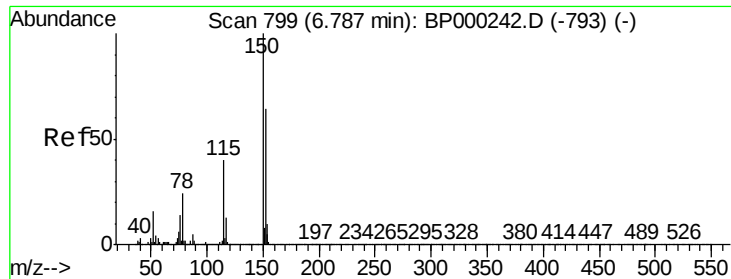
Instrument :
BNA_P
ClientSampleId :
SB-31-COMP

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Quant Time: Sep 18 09:05:24 2019
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Response via : Initial Calibration





#1

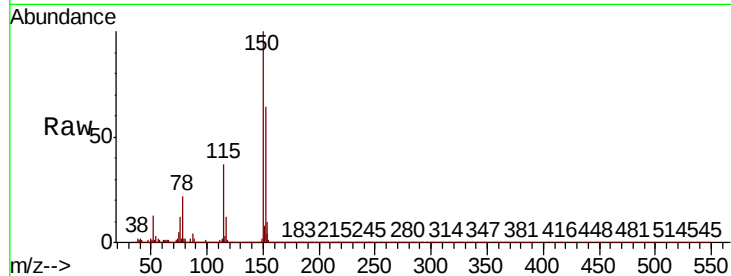
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 800
Delta R.T. 0.01 min
Lab File: BP000287.D
Acq: 17 Sep 2019 21:02

Instrument :
BNA_P
ClientSampleId :
SB-31-COMP

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.1	125.2	187.8
115	57.6	49.7	74.5

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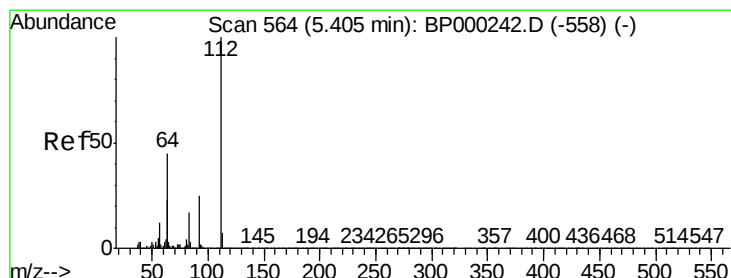
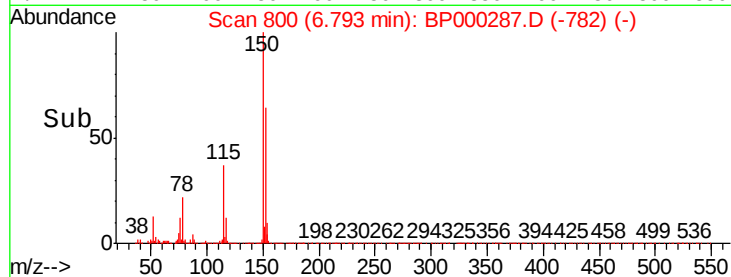
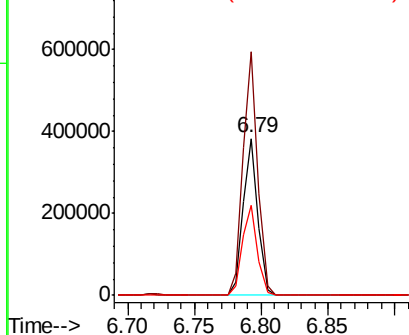


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

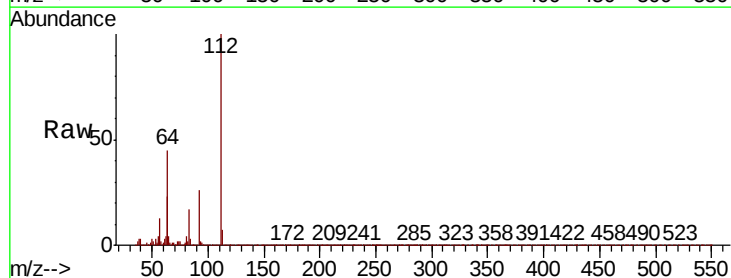
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 90.578 ng
RT: 5.42 min Scan# 566
Delta R.T. 0.01 min
Lab File: BP000287.D
Acq: 17 Sep 2019 21:02

Tgt Ion	Ratio	Lower	Upper
112	100		
64	44.6	36.2	54.4
63	23.2	18.3	27.5

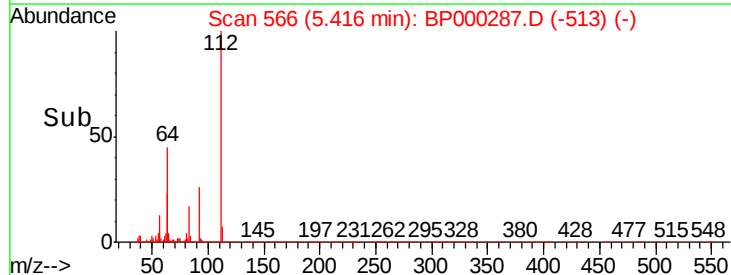
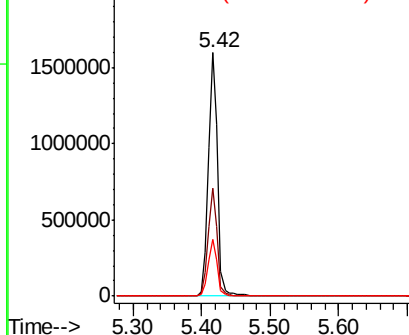


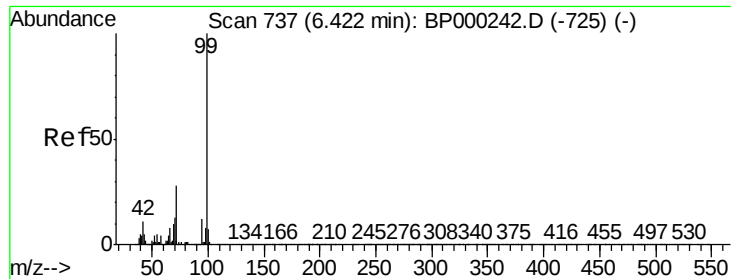
Abundance

Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BP0

Ion 63.00 (62.70 to 63.70): BP0





#7

Phenol-d6

Concen: 94.007 ng

RT: 6.43 min Scan# 738

Delta R.T. 0.01 min

Lab File: BP000287.D

Acq: 17 Sep 2019 21:02

Instrument :

BNA_P

ClientSampleId :

SB-31-COMP

Tot Ion: 99 Resp: 1947113

Ion Ratio Lower Upper

99 100

42 11.9 8.5 12.7

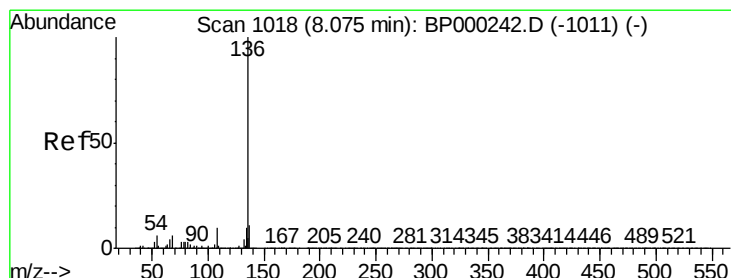
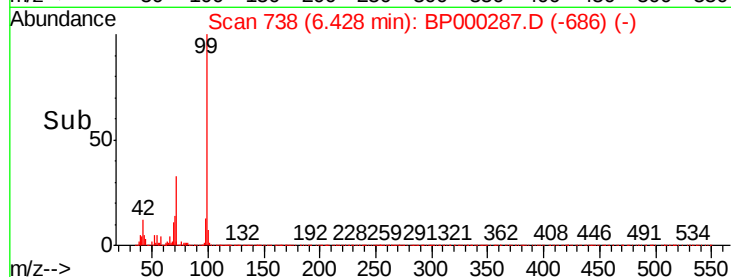
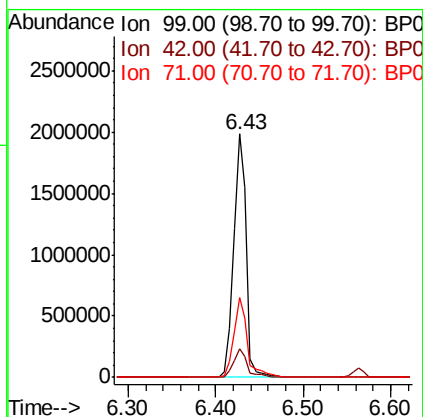
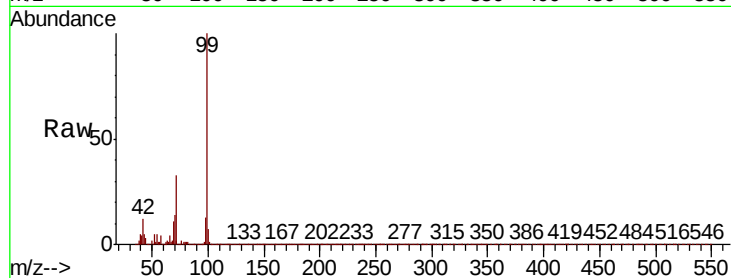
71 32.7 22.6 34.0

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#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.08 min Scan# 1018

Delta R.T. -0.00 min

Lab File: BP000287.D

Acq: 17 Sep 2019 21:02

Tgt Ion: 136 Resp: 1014455

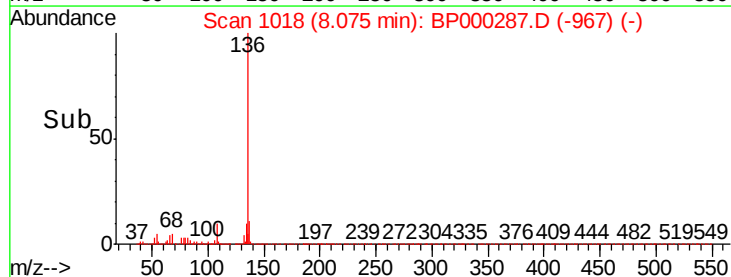
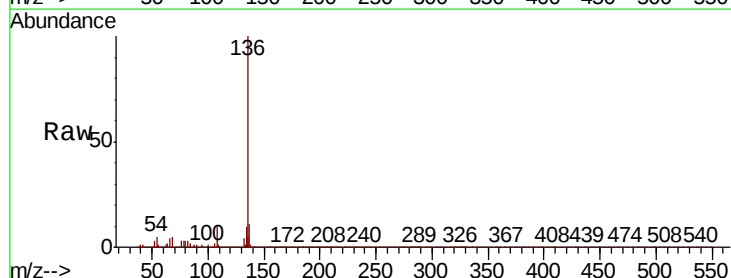
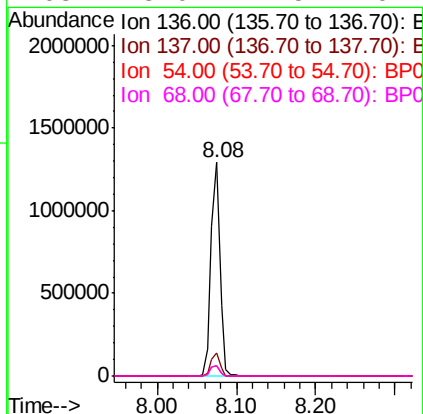
Ion Ratio Lower Upper

136 100

137 10.8 8.6 13.0

54 5.1 4.5 6.7

68 5.0 4.5 6.7





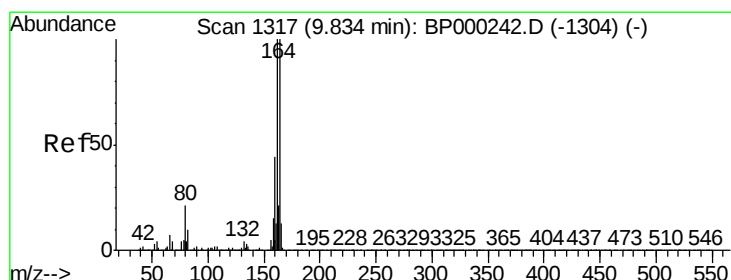
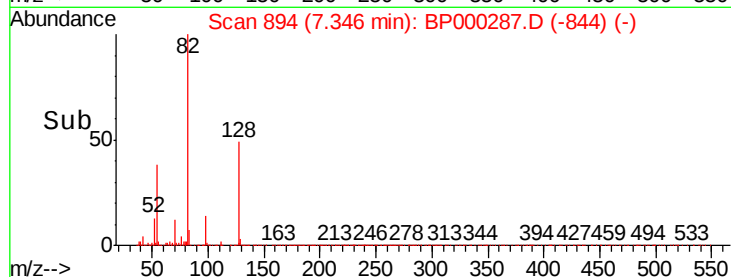
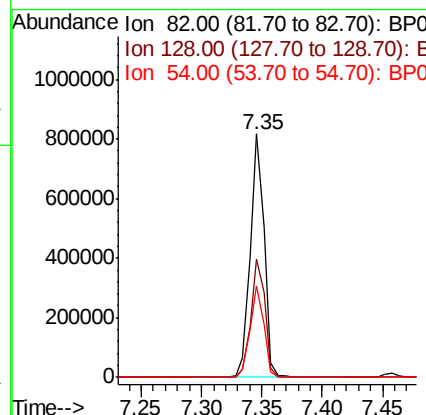
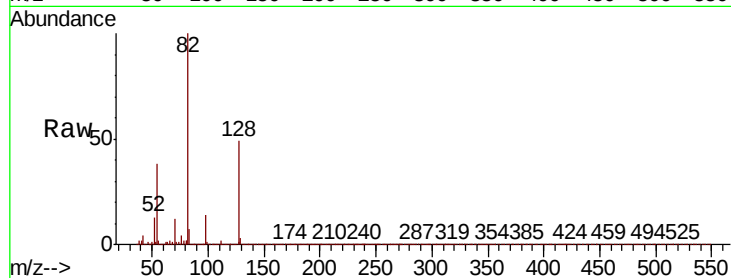
#23
Nitrobenzene-d5
Concen: 41.771 ng
RT: 7.35 min Scan# 894
Delta R.T. -0.01 min
Lab File: BP000287.D
Acq: 17 Sep 2019 21:02

Instrument :
BNA_P
ClientSampleId :
SB-31-COMP

Tot Ion	Ratio	Lower	Upper
82	100		
128	48.6	40.7	61.1
54	37.6	30.1	45.1

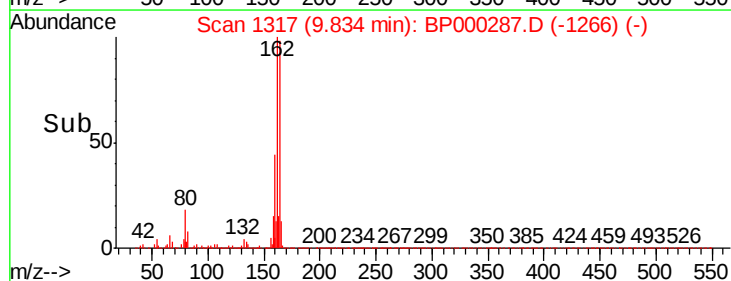
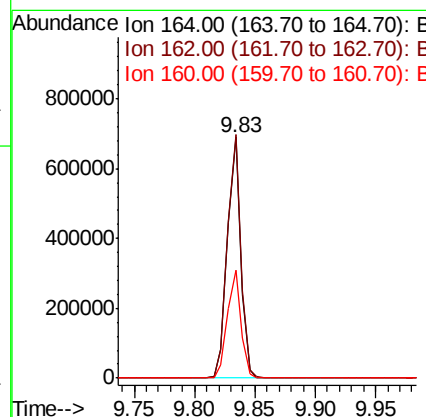
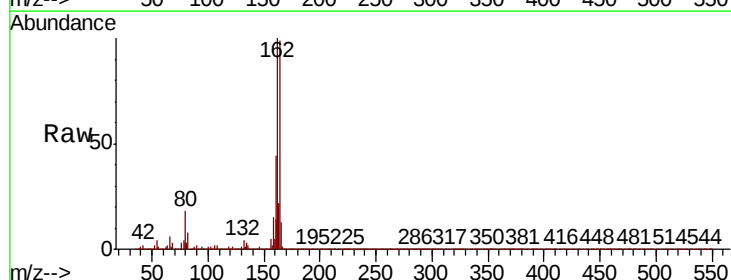
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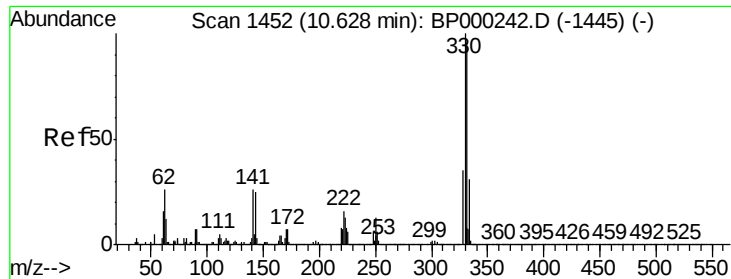
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#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.83 min Scan# 1317
Delta R.T. -0.00 min
Lab File: BP000287.D
Acq: 17 Sep 2019 21:02

Tgt Ion	Ratio	Lower	Upper
164	100		
162	101.2	79.9	119.9
160	44.8	35.6	53.4





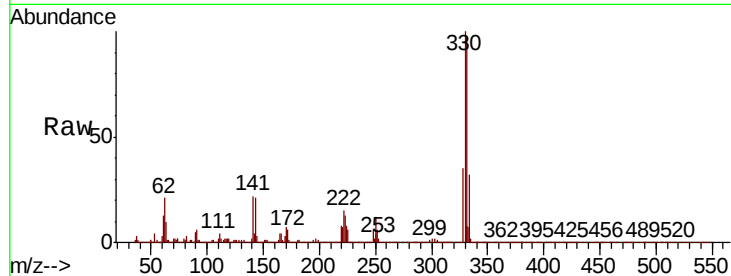
#42
2,4,6-Tribromophenol
Concen: 74.337 ng
RT: 10.63 min Scan# 1452
Delta R.T. -0.00 min
Lab File: BP000287.D
Acq: 17 Sep 2019 21:02

Instrument :
BNA_P
ClientSampleId :
SB-31-COMP

Tot Ion	Ratio	Resp	Lower	Upper
330	100	388035		
332	95.9	76.6	115.0	
141	30.9	26.5	39.7	

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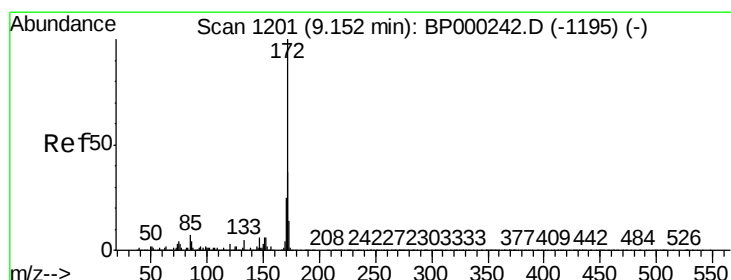
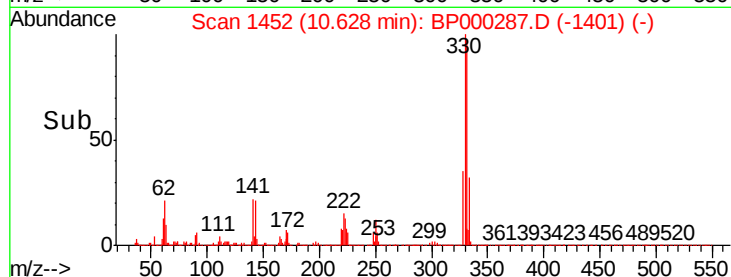
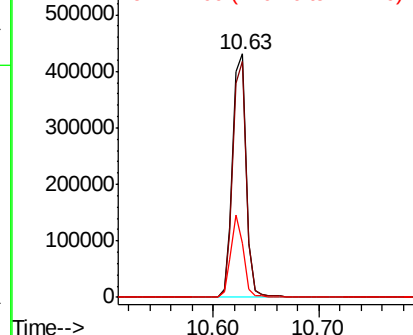


Abundance

Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
2-Fluorobiphenyl
Concen: 76.656 ng
RT: 9.15 min Scan# 1201
Delta R.T. -0.00 min
Lab File: BP000287.D
Acq: 17 Sep 2019 21:02

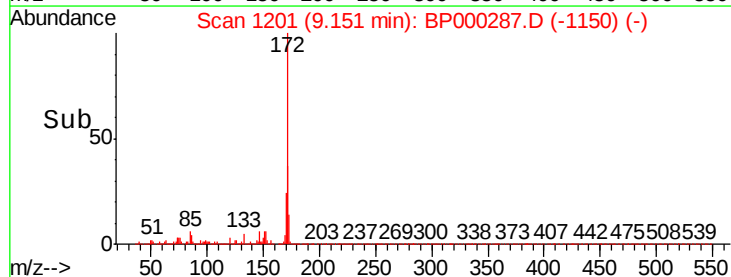
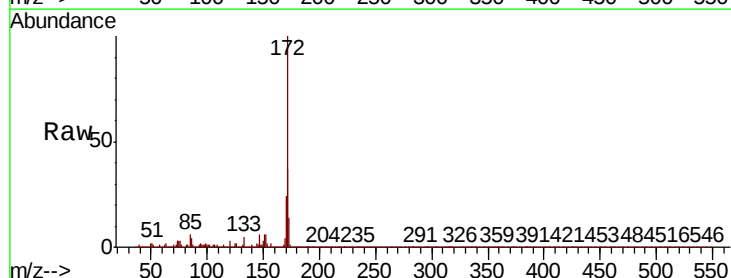
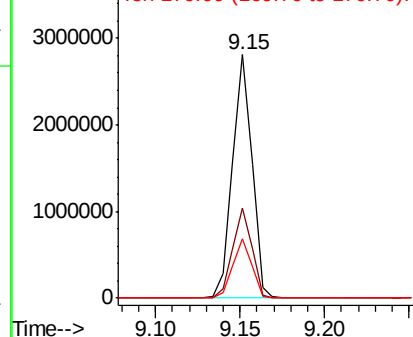
Tgt Ion	Ratio	Resp	Lower	Upper
172	100	2241467		
171	36.7	29.8	44.6	
170	24.3	19.8	29.6	

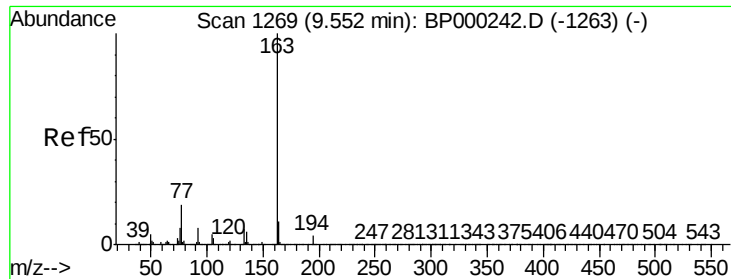
Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





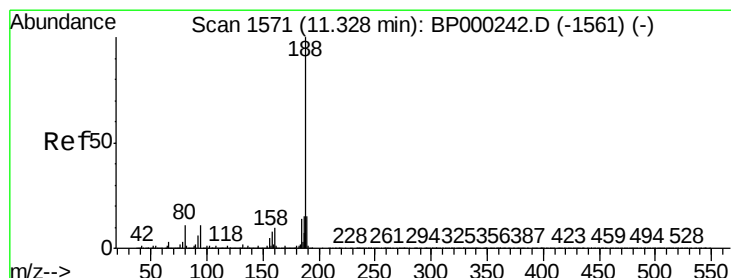
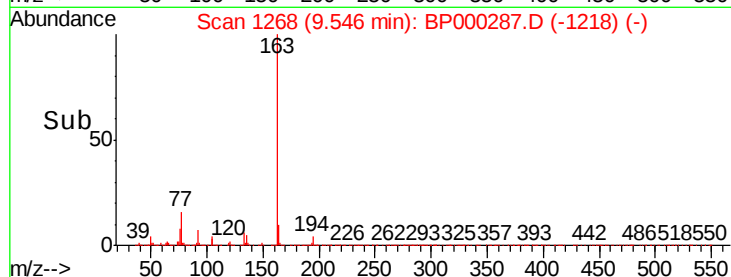
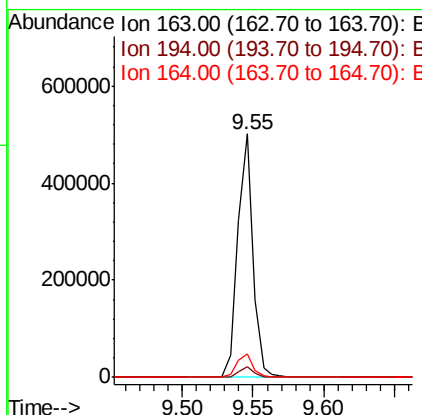
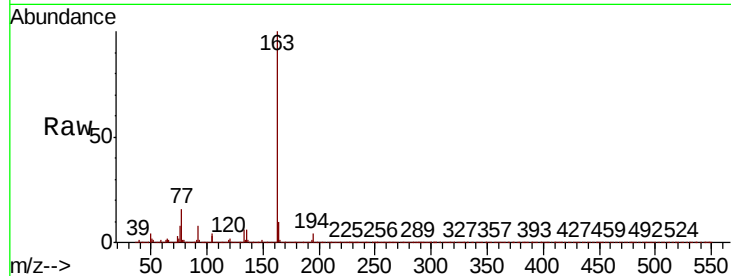
#50
Dimethylphthalate
Concen: 10.438 ng
RT: 9.55 min Scan# 1268
Delta R.T. -0.01 min
Lab File: BP000287.D
Acq: 17 Sep 2019 21:02

Instrument :
BNA_P
ClientSampleId :
SB-31-COMP

Tot Ion	Ion	Ratio	Resp	Lower	Upper
163	100		374270		
194	4.3		3.4	5.0	
164	9.8		8.5	12.7	

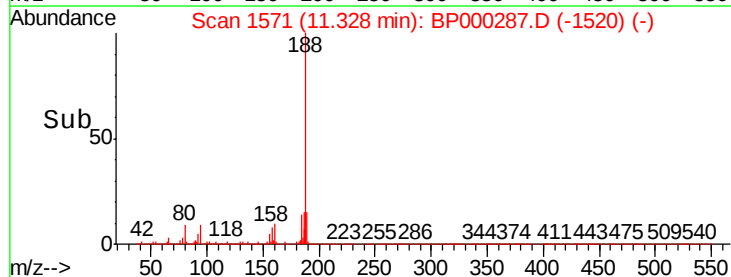
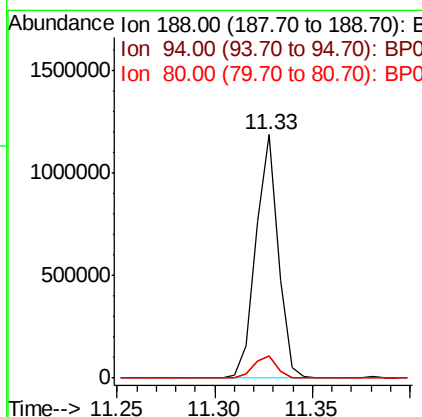
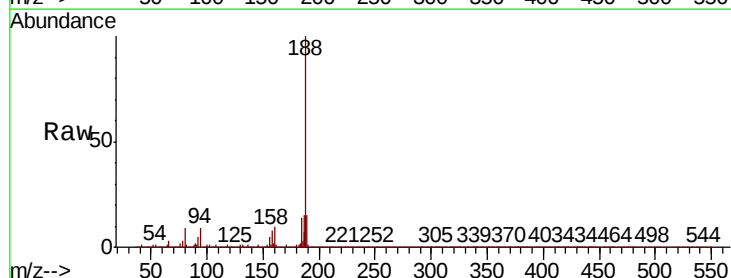
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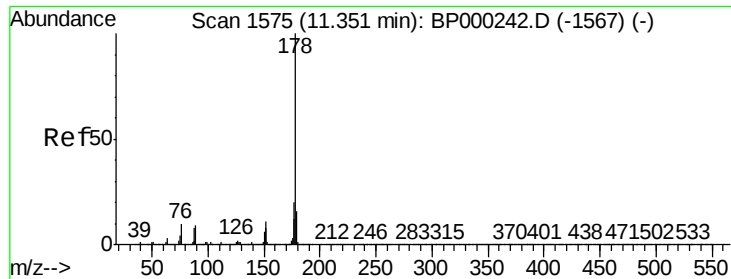
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.33 min Scan# 1571
Delta R.T. -0.00 min
Lab File: BP000287.D
Acq: 17 Sep 2019 21:02

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
188	100		937214		
94	9.3		8.5	12.7	
80	9.1		8.6	13.0	





#71

Phenanthrene

Concen: 3.213 ng

RT: 11.35 min Scan# 1575

Delta R.T. -0.00 min

Lab File: BP000287.D

Acq: 17 Sep 2019 21:02

Instrument :

BNA_P

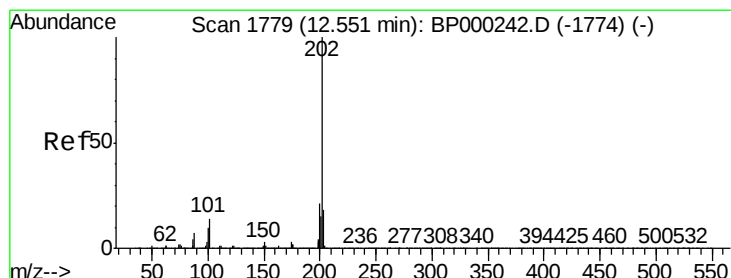
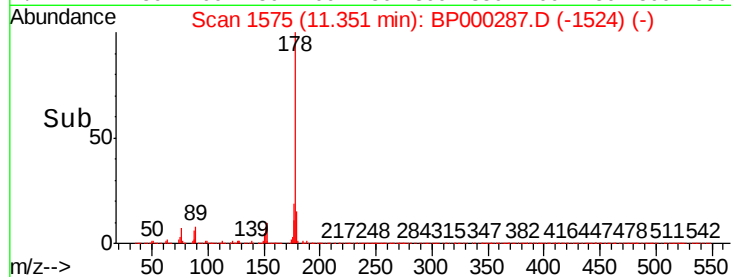
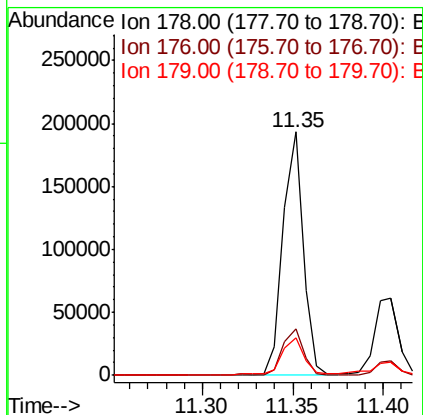
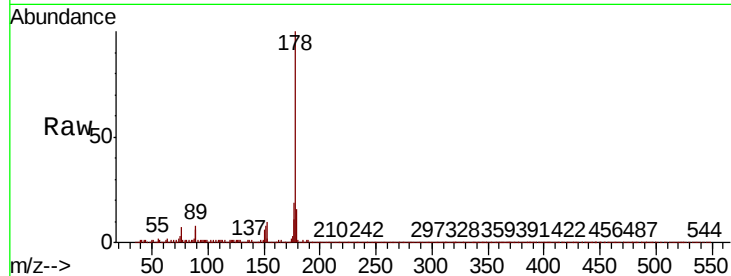
ClientSampleId :

SB-31-COMP

Tot Ion:	178	Resp:	150912
Ion Ratio	Lower	Upper	
178	100		
176	18.9	15.8	23.8
179	15.6	12.7	19.1

Manual Integrations
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#75

Fluoranthene

Concen: 7.424 ng

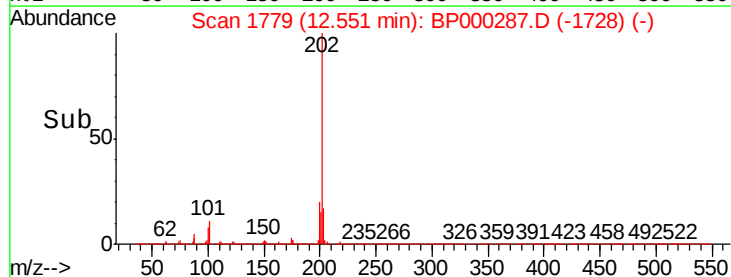
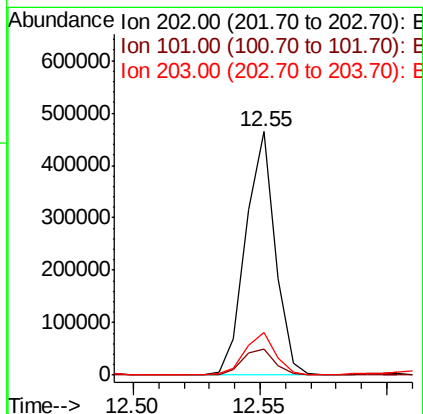
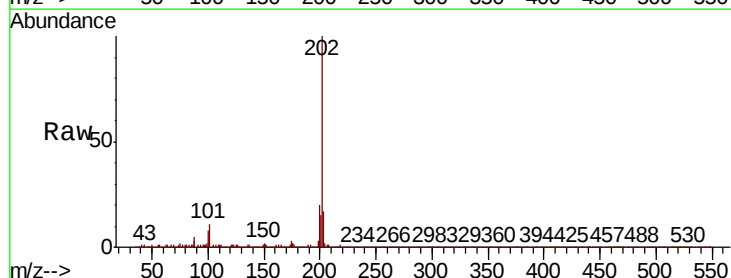
RT: 12.55 min Scan# 1779

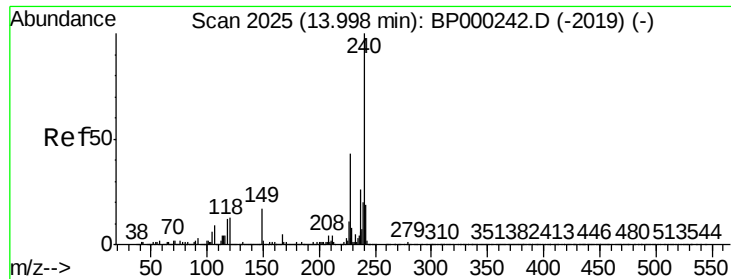
Delta R.T. -0.00 min

Lab File: BP000287.D

Acq: 17 Sep 2019 21:02

Tgt Ion:	202	Resp:	374385
Ion Ratio	Lower	Upper	
202	100		
101	10.7	0.0	33.9
203	17.4	0.0	38.0





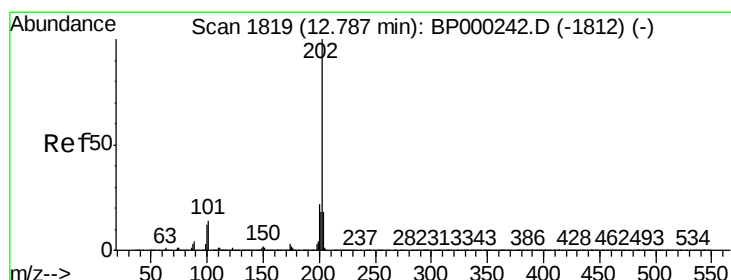
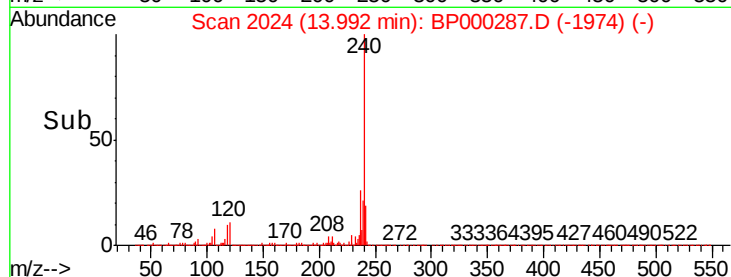
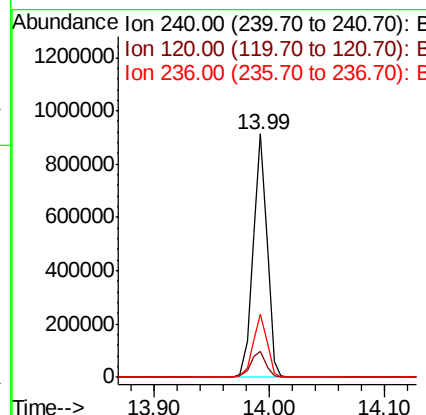
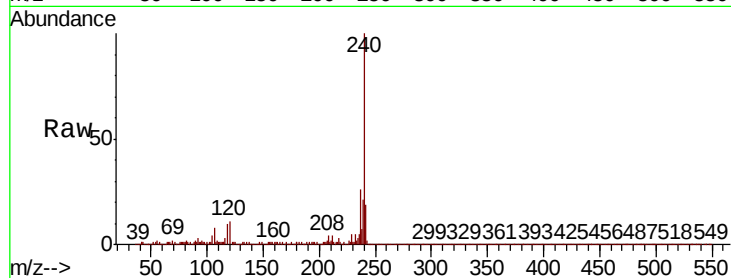
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.99 min Scan# 2024
Delta R.T. -0.01 min
Lab File: BP000287.D
Acq: 17 Sep 2019 21:02

Instrument :
BNA_P
ClientSampleId :
SB-31-COMP

Tot Ion	Ratio	Lower	Upper
240	100		
120	10.8	10.4	15.6
236	26.0	21.0	31.6

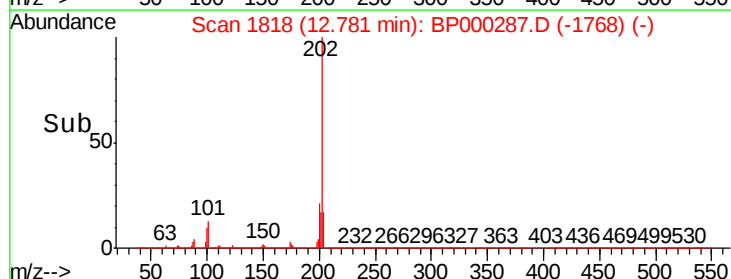
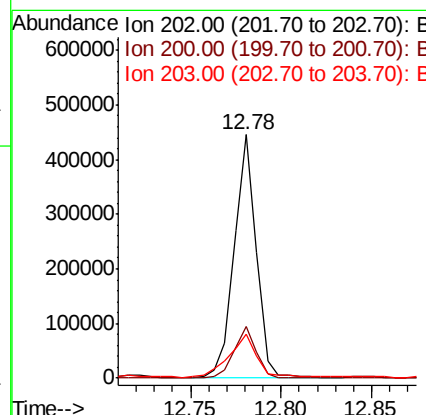
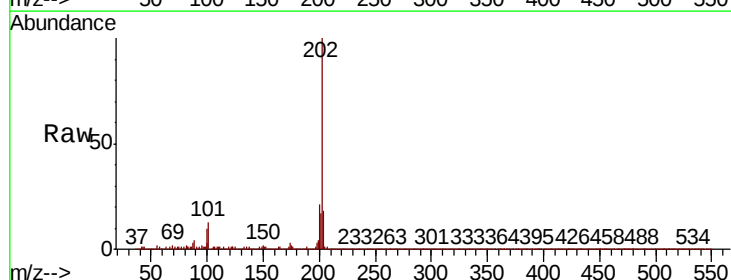
Manual Integrations
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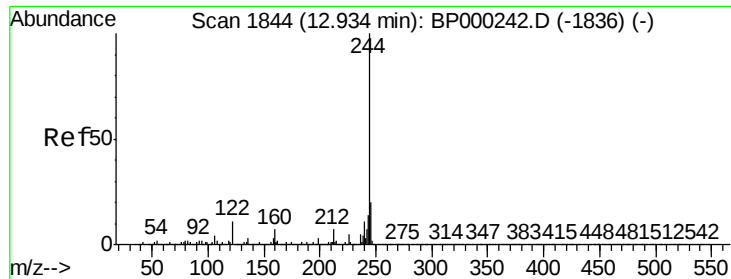
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#78
Pyrene
Concen: 6.650 ng
RT: 12.78 min Scan# 1818
Delta R.T. -0.01 min
Lab File: BP000287.D
Acq: 17 Sep 2019 21:02

Tgt Ion	Ratio	Lower	Upper
202	100		
200	21.2	17.5	26.3
203	18.0	14.3	21.5





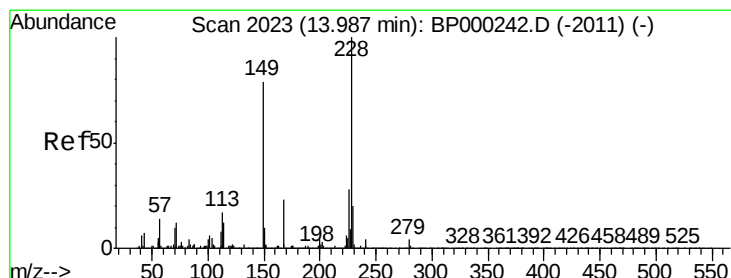
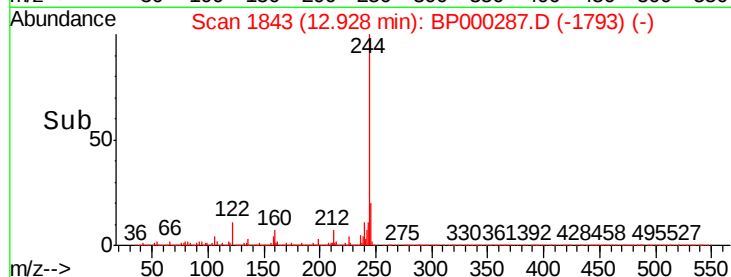
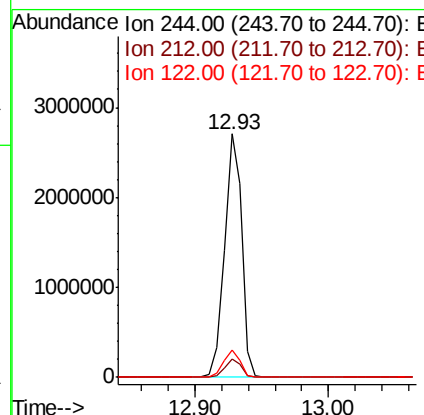
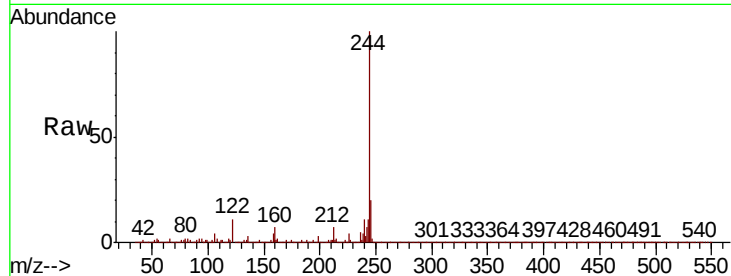
#79
 Terphenyl-d14
 Concen: 68.539 ng
 RT: 12.93 min Scan# 1843
 Delta R.T. -0.01 min
 Lab File: BP000287.D
 Acq: 17 Sep 2019 21:02

Instrument :
 BNA_P
 ClientSampleId :
 SB-31-COMP

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.4	5.9	8.9
122	11.3	9.0	13.4

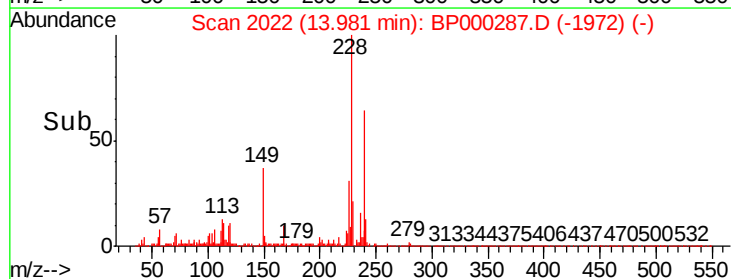
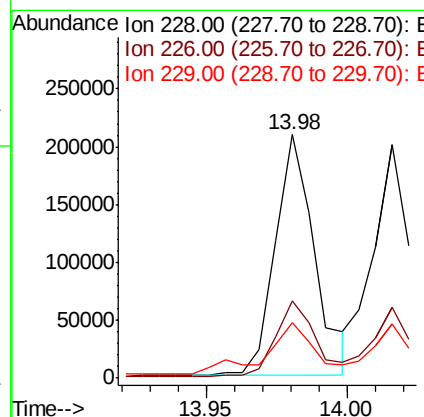
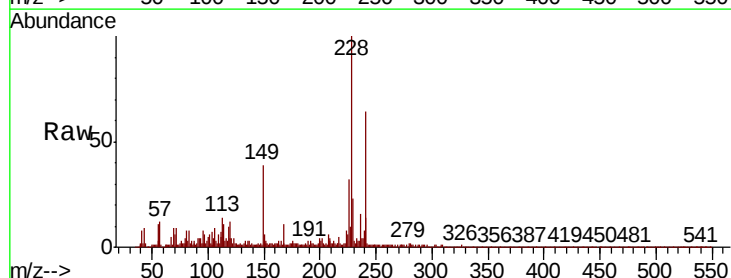
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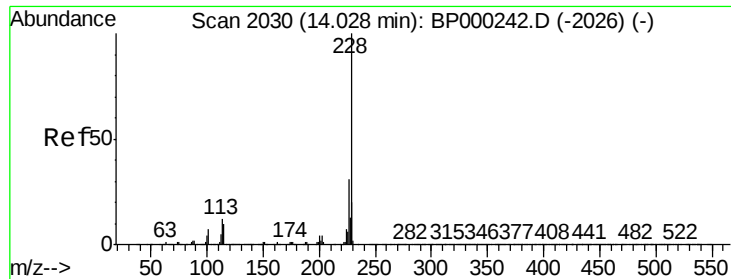
mohammad
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#81
 Benzo(a)anthracene
 Concen: 4.255 ng
 RT: 13.98 min Scan# 2022
 Delta R.T. -0.01 min
 Lab File: BP000287.D
 Acq: 17 Sep 2019 21:02

Tgt Ion	Ratio	Lower	Upper
228	100		
226	32.0	22.2	33.4
229	22.8	16.0	24.0





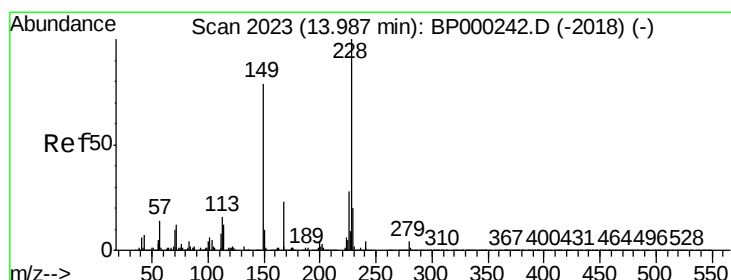
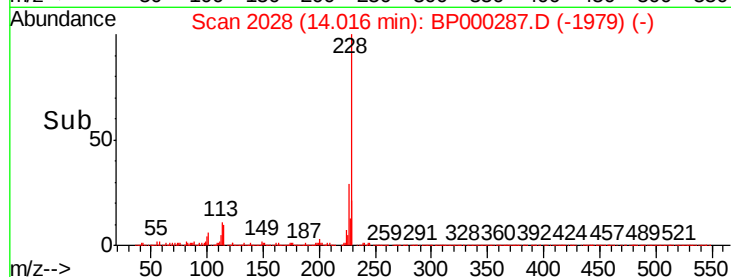
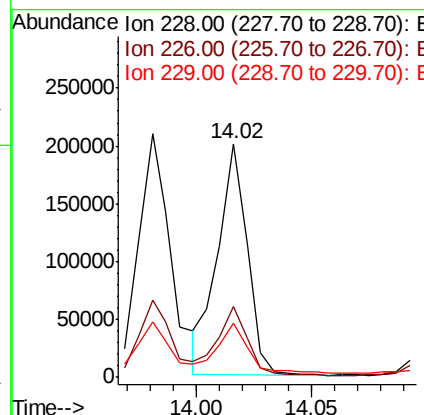
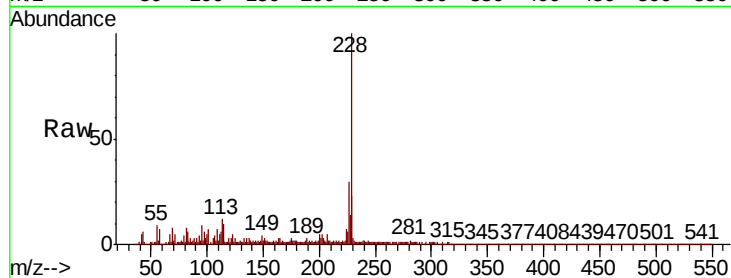
#83
 Chrysene
 Concen: 3.813 ng
 RT: 14.02 min Scan# 2028
 Delta R.T. -0.01 min
 Lab File: BP000287.D
 Acq: 17 Sep 2019 21:02

Instrument :
 BNA_P
 ClientSampleId :
 SB-31-COMP

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.2	24.9	37.3
229	23.2	16.2	24.2

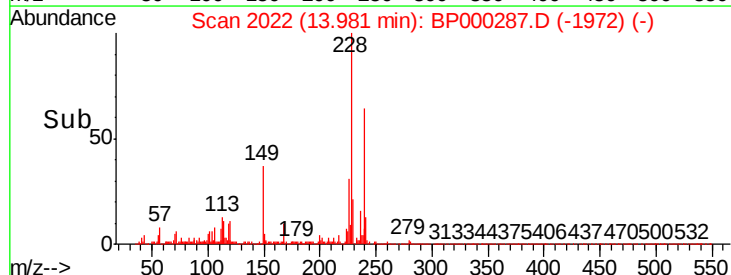
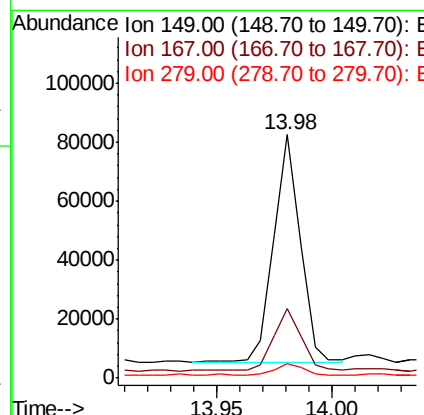
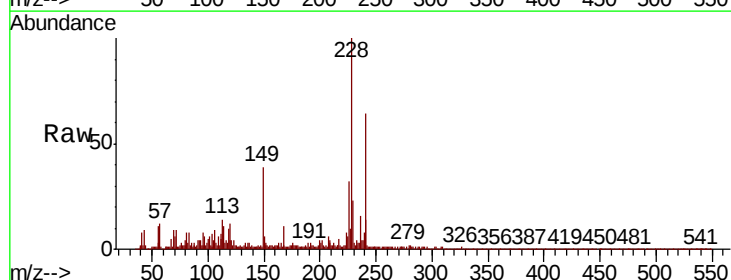
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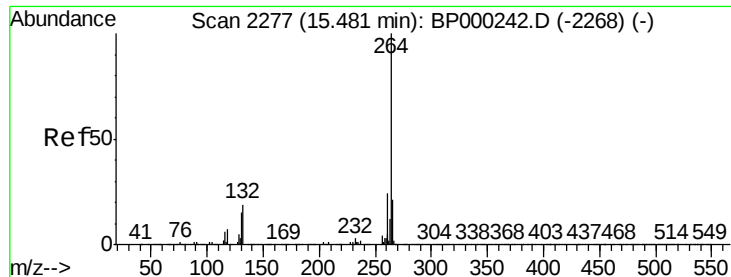
mohammad
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#84
 Bis(2-ethylhexyl)phthalate
 Concen: 2.035 ng
 RT: 13.98 min Scan# 2022
 Delta R.T. -0.01 min
 Lab File: BP000287.D
 Acq: 17 Sep 2019 21:02

Tgt Ion	Ratio	Lower	Upper
149	100		
167	28.8	23.0	34.4
279	5.9	3.7	5.5#





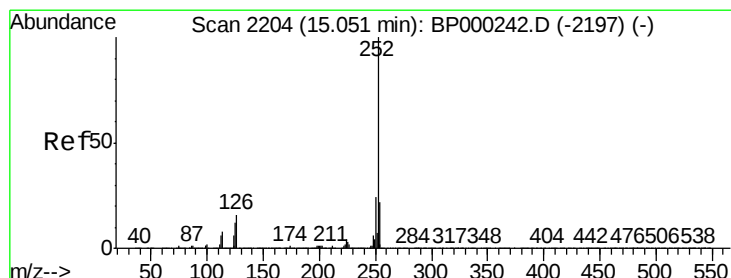
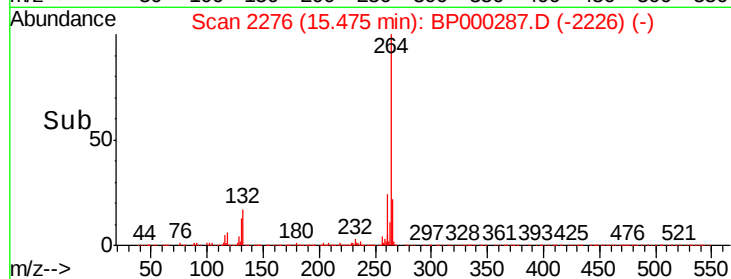
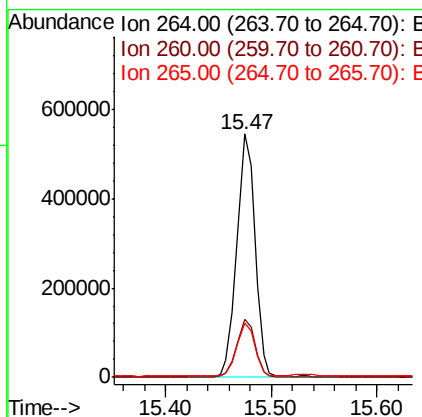
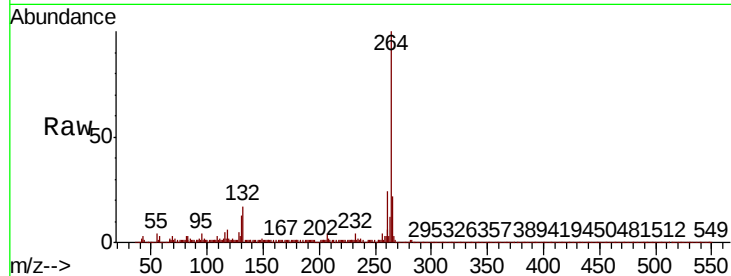
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.47 min Scan# 2276
Delta R.T. -0.01 min
Lab File: BP000287.D
Acq: 17 Sep 2019 21:02

Instrument :
BNA_P
ClientSampleId :
SB-31-COMP

Tot Ion:	264	Resp:	641636
Ion Ratio	Lower	Upper	
264	100		
260	23.9	18.9	28.3
265	22.3	17.2	25.8

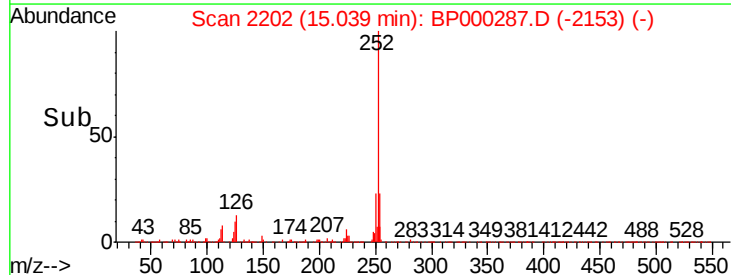
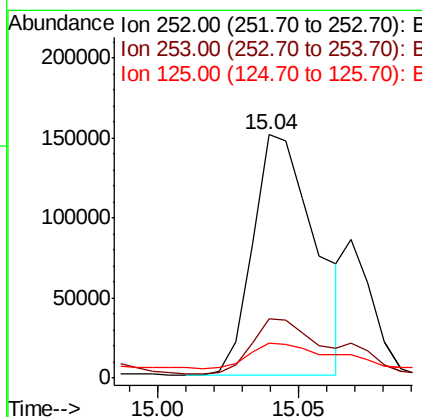
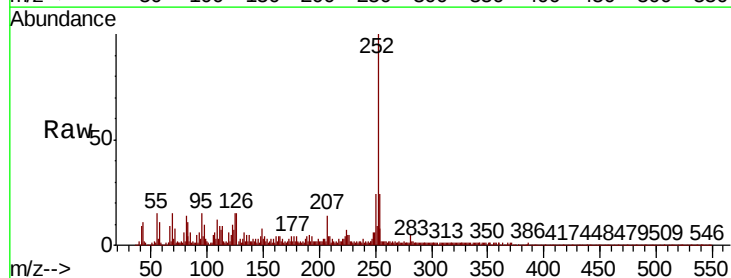
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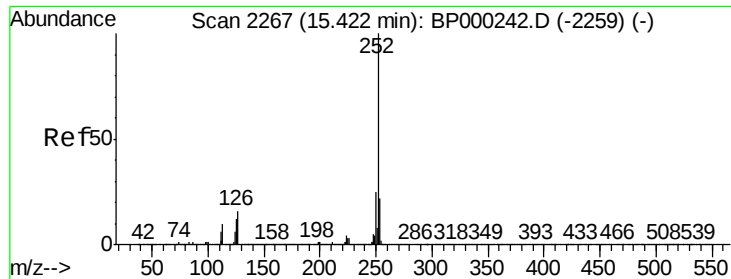
mohammad
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#88
Benzo(b)fluoranthene
Concen: 6.076 ng m
RT: 15.04 min Scan# 2202
Delta R.T. -0.01 min
Lab File: BP000287.D
Acq: 17 Sep 2019 21:02

Tgt Ion:	252	Resp:	232570
Ion Ratio	Lower	Upper	
252	100		
253	24.1	17.8	26.6
125	14.6	9.5	14.3#





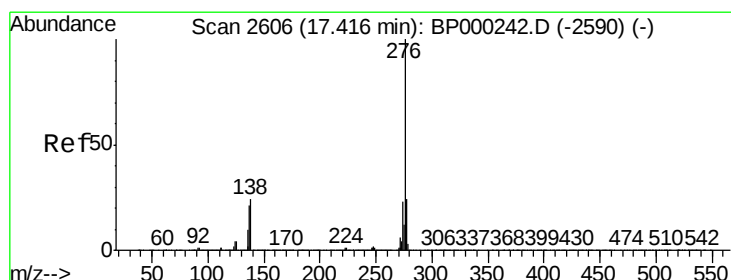
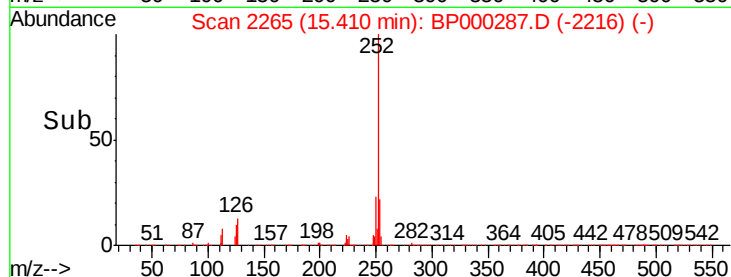
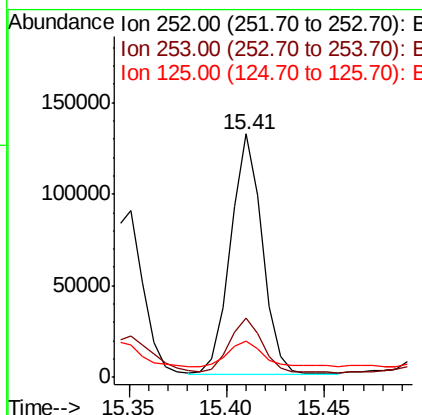
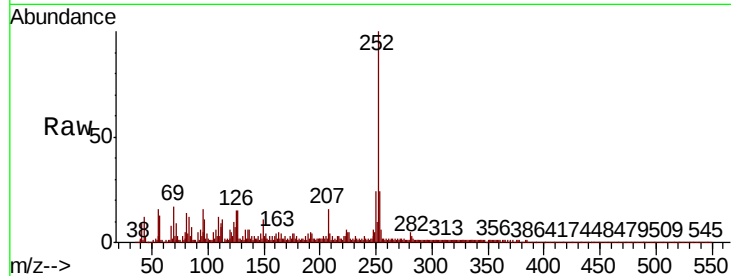
#90
Benzo(a)pyrene
Concen: 4.209 ng
RT: 15.41 min Scan# 2265
Delta R.T. -0.01 min
Lab File: BP000287.D
Acq: 17 Sep 2019 21:02

Instrument :
BNA_P
ClientSampleId :
SB-31-COMP

Tot Ion	Ratio	Lower	Upper
252	100		
253	24.1	17.7	26.5
125	14.9	10.0	15.0

Manual Integrations
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#92
Benzo(g,h,i)perylene
Concen: 2.388 ng
RT: 17.40 min Scan# 2603
Delta R.T. -0.02 min
Lab File: BP000287.D
Acq: 17 Sep 2019 21:02

Tgt Ion	Ratio	Lower	Upper
276	100		
277	27.1	19.1	28.7
138	24.7	19.5	29.3

