

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP121420\
 Data File : BP004269.D
 Acq On : 14 Dec 2020 12:13
 Operator : CG/JU
 Sample : L5063-04DL 2X
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleID :
 C0AD6DL

Manual Integrations
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mohammad
 12/17/2020 9:48:00 AM

Quant Time: Dec 14 14:39:55 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP121020MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Dec 10 13:52:32 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.84	152	370095	20.00	ng/ul	0.00
18) Naphthalene-d8	10.63	136	1451927	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.49	164	881396	20.00	ng/ul	0.01
62) Phenanthrene-d10	17.25	188	1816376	20.00	ng/ul	0.02
78) Chrysene-d12	21.35	240	1848026	20.00	ng/ul	0.03
86) Perylene-d12	23.74	264	2166629	20.00	ng/ul	0.06

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.33	96	9322	0.88	ng/uL	0.00
5) Phenol-d5	7.00	99	225130	7.35	ng/ul	0.01
7) Bis-(2-Chloroethyl)ether-d	7.17	67	124523	6.51	ng/ul	0.00
9) 2-Chlorophenol-d4	7.37	132	187200	8.06	ng/ul	0.00
13) 4-Methylphenol-d8	8.54	113	149526	6.46	ng/ul	0.01
19) Nitrobenzene-d5	8.99	128	98753	8.30	ng/ul	0.01
22) 2-Nitrophenol-d4	9.72	143	101436	10.34	ng/ul	0.01
26) 2,4-Dichlorophenol-d3	10.26	165	186703	8.66	ng/ul	0.02
29) 4-Chloroaniline-d4	10.75	131	553486	20.70	ng/ul	0.00
44) Dimethylphthalate-d6	13.89	166	510830	7.58	ng/ul	0.01
47) Acenaphthylene-d8	14.18	160	695610	8.09	ng/ul	0.02
52) 4-Nitrophenol-d4	14.69	143	125423	11.02	ng/ul	0.03
58) Fluorene-d10	15.49	176	473037	7.75	ng/ul	0.02
63) 4,6-Dinitro-2-methylphenol	0.00	200	0d	0.00	ng/ul	
71) Anthracene-d10	17.35	188	720309	8.14	ng/ul	0.02
79) Pyrene-d10	19.59	212	823077	8.55	ng/ul	0.02
90) Benzo(a)pyrene-d12	23.58	264	912839	8.00	ng/ul	0.06

Target Compounds

				Ovalue	
24) 2,4-Dimethylphenol	9.85	107	28556m	1.128	ng/ul
28) Naphthalene	10.69	128	528961	6.426	ng/ul# 91
34) 2-Methylnaphthalene	12.30	142	2631105	47.511	ng/ul 98
41) 1,1'-Biphenyl	13.32	154	331812	4.489	ng/ul 98
45) Dimethylphthalate	13.94	163	87777	1.279	ng/ul# 72
48) Acenaphthylene	14.21	152	135790	1.591	ng/ul# 1
50) Acenaphthene	14.55	153	253941	4.203	ng/ul 94
54) Dibenzofuran	14.89	168	359281m	4.221	ng/ul
59) Fluorene	15.55	166	421210	6.187	ng/ul# 88
70) Phenanthrene	17.30	178	5446670	50.828	ng/ul 97
72) Anthracene	17.39	178	632112m	5.962	ng/ul
77) Fluoranthene	19.27	202	829865	7.253	ng/ul# 94
80) Pyrene	19.62	202	4433208	35.563	ng/ul 95
83) Benzo(a)anthracene	21.34	228	506039	4.154	ng/ul# 37
85) Chrysene	21.39	228	645082m	5.398	ng/ul
88) Benzo(b)fluoranthene	23.01	252	265173	1.930	ng/ul# 4
91) Benzo(a)pyrene	23.63	252	296098	2.309	ng/ul# 27
94) Benzo(g,h,i)perylene	26.93	276	189742	1.407	ng/ul# 67

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

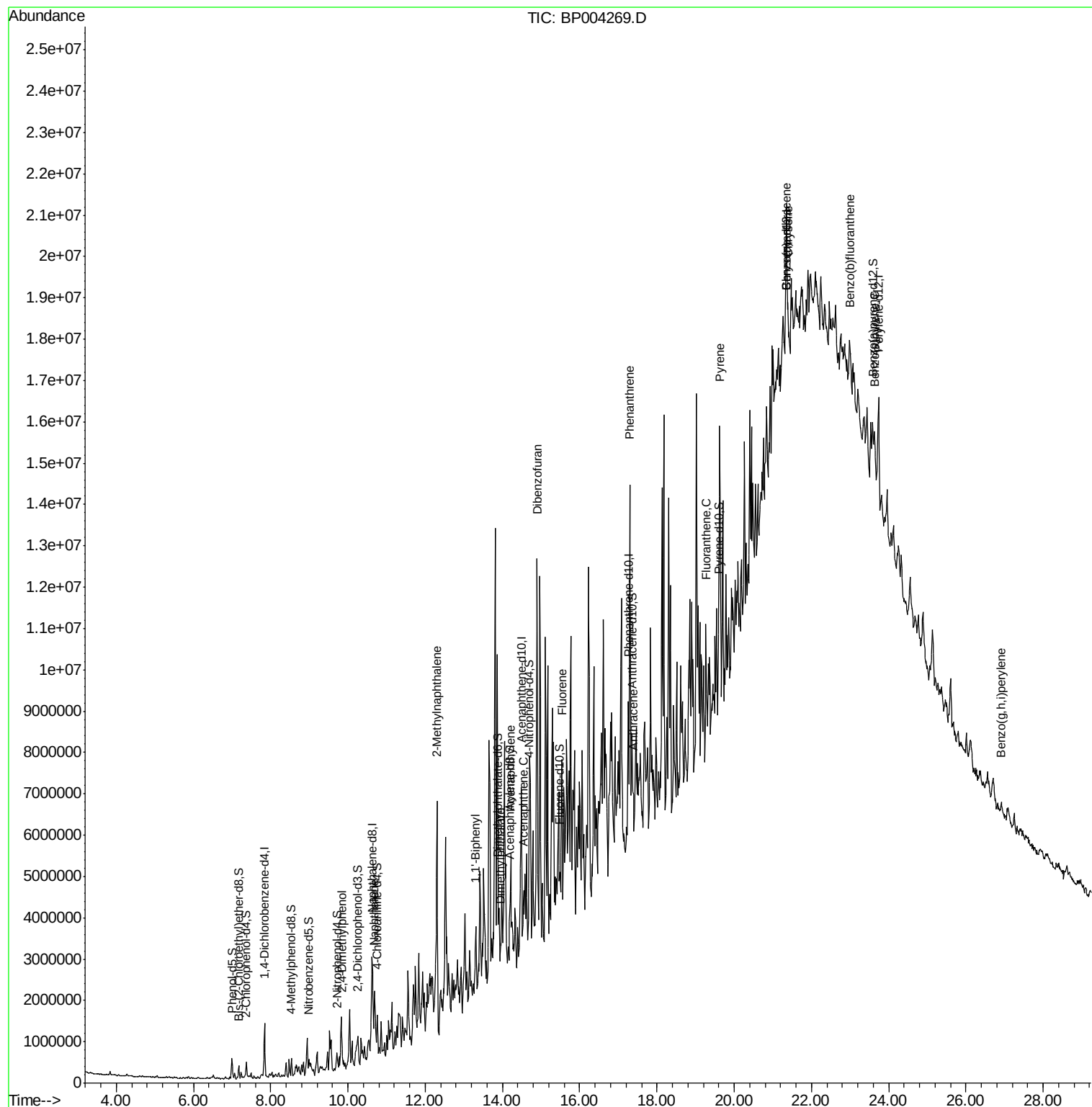
Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP121420\
Data File : BP004269.D
Acq On : 14 Dec 2020 12:13
Operator : CG/JU
Sample : L5063-04DL 2X
Misc :
ALS Vial : 4 Sample Multiplier: 1

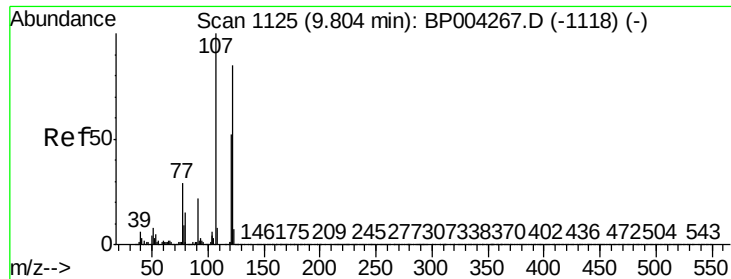
Instrument :
BNA_P
ClientSampled :
C0AD6DL

Quant Time: Dec 14 14:39:55 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP121020MA.M
Quant Title : SVOA CALIBRATION
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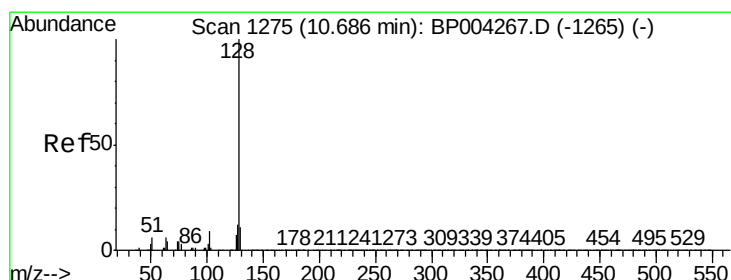
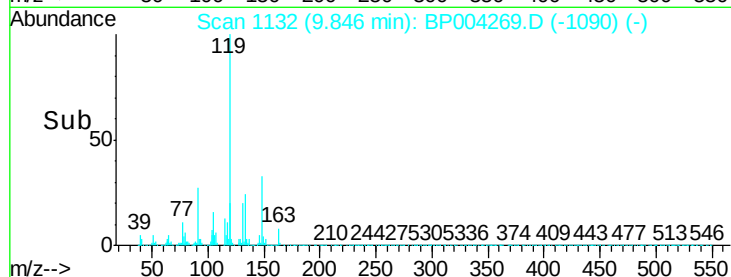
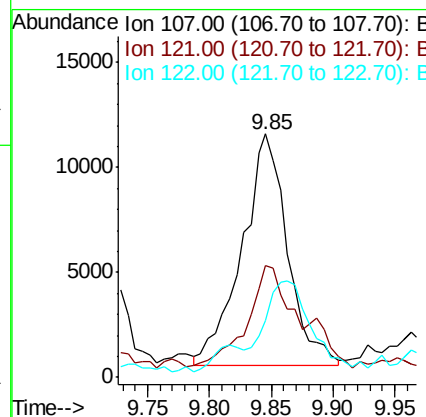
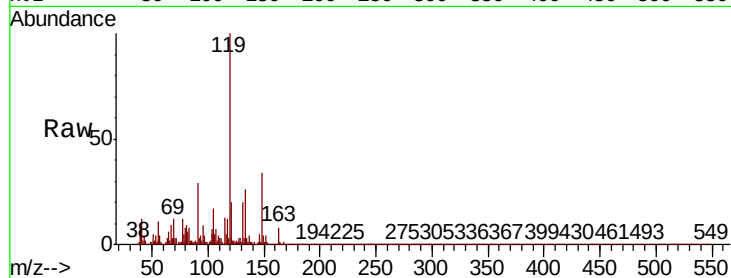
#24
2,4-Dimethylphenol
Concen: 1.128 ng/ul m
RT: 9.85 min Scan# 1132
Delta R.T. 0.05 min
Lab File: BP004269.D
Acq: 14 Dec 2020 12:13

Instrument :
BNA_P
ClientSampleId :
C0AD6DL

Tot Ion	Ratio	Lower	Upper
107	100		
121	46.0	41.2	61.8
122	23.1	69.3	103.9#

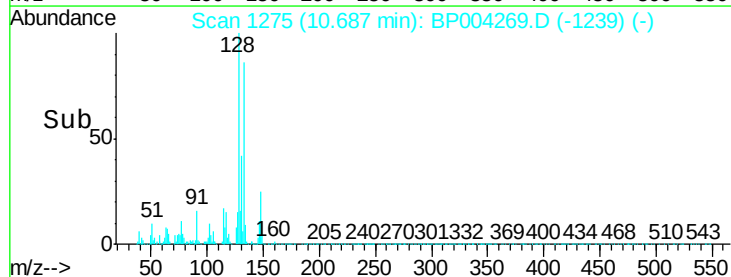
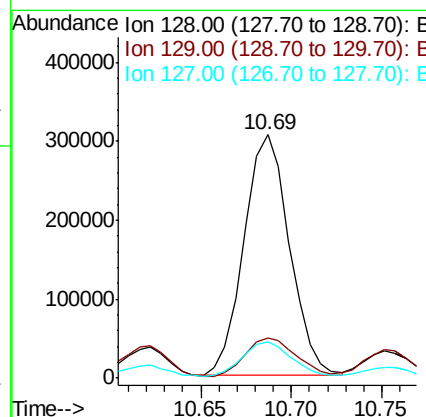
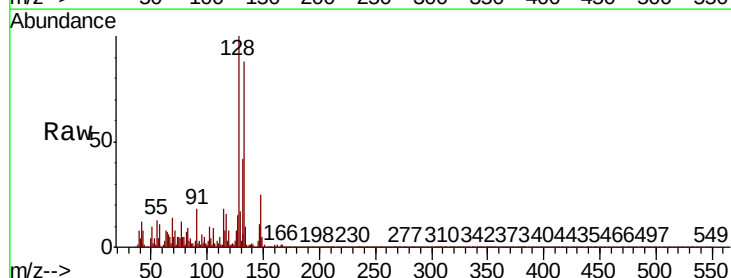
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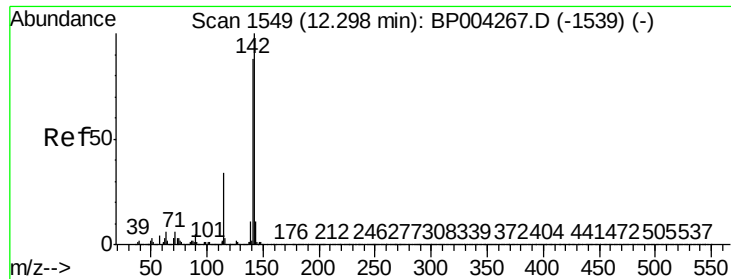
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#28
Naphthalene
Concen: 6.426 ng/ul
RT: 10.69 min Scan# 1275
Delta R.T. 0.01 min
Lab File: BP004269.D
Acq: 14 Dec 2020 12:13

Tgt Ion	Ratio	Lower	Upper
128	100		
129	16.6	8.8	13.2#
127	15.1	10.6	16.0





#34

2-Methylnaphthalene

Concen: 47.511 ng/ul

RT: 12.30 min Scan# 1550

Delta R.T. 0.02 min

Lab File: BP004269.D

Acq: 14 Dec 2020 12:13

Instrument :

BNA_P

ClientSampleId :

C0AD6DL

Tot Ion:142 Resp: 2631105

Ion Ratio Lower Upper

142 100

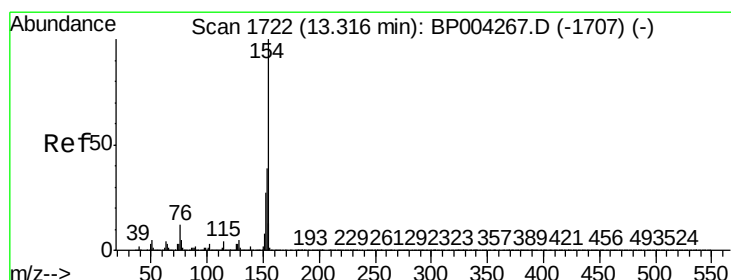
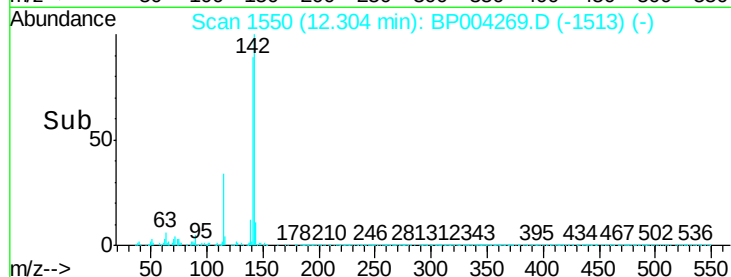
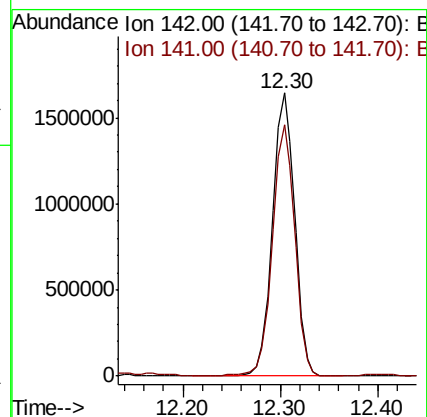
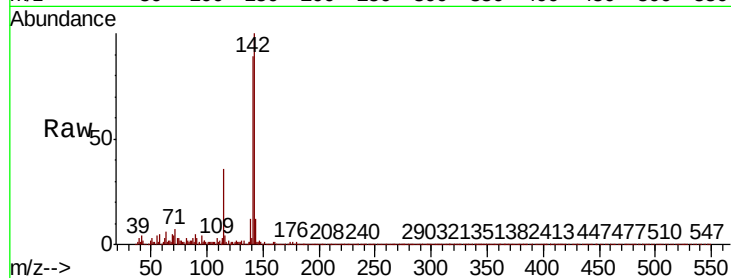
141 88.9 69.7 104.5

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#41

1,1'-Biphenyl

Concen: 4.489 ng/ul

RT: 13.32 min Scan# 1722

Delta R.T. 0.01 min

Lab File: BP004269.D

Acq: 14 Dec 2020 12:13

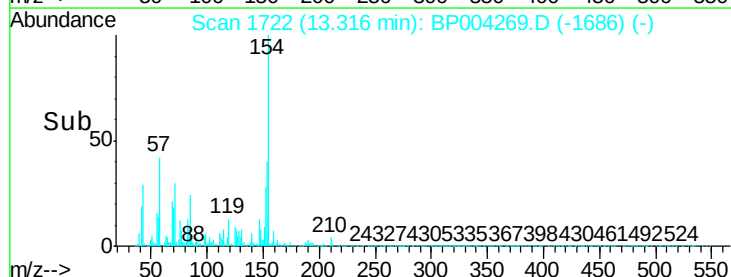
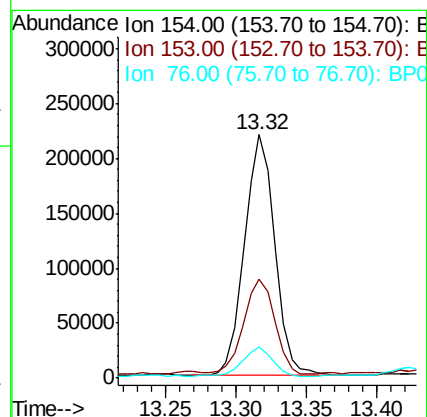
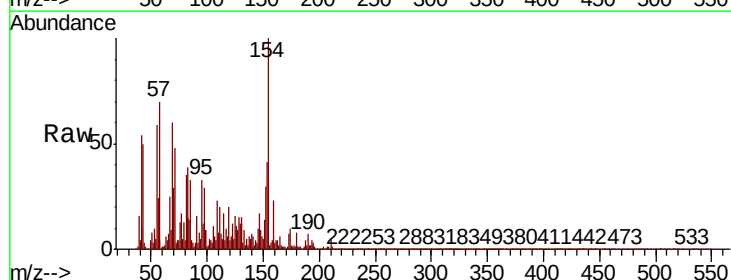
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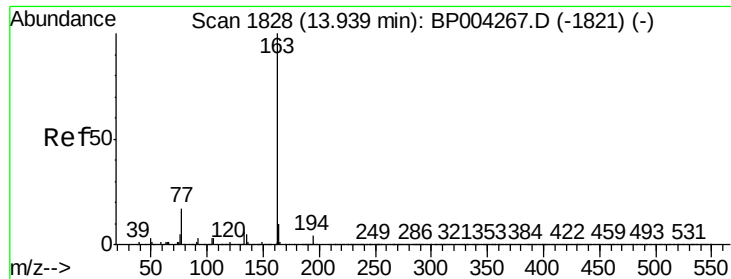
Ion Ratio Lower Upper

154 100

153 40.9 32.2 48.2

76 12.6 11.0 16.6





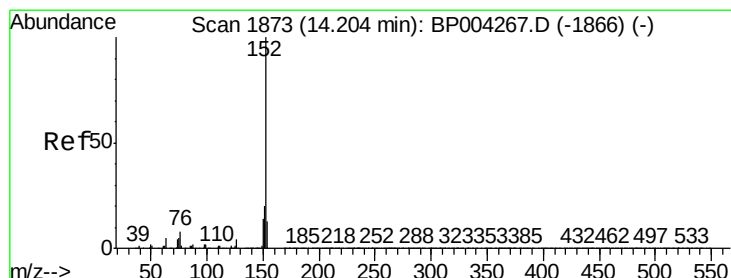
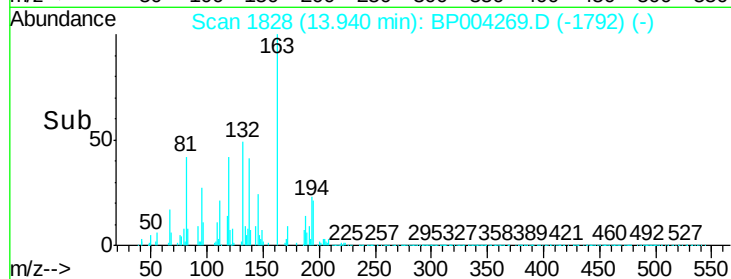
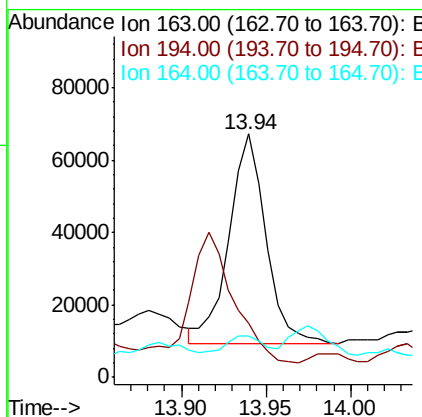
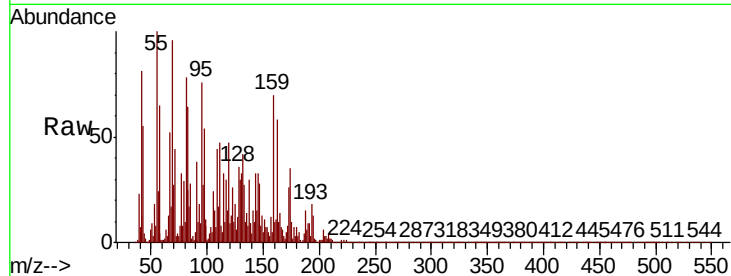
#45
Dimethylphthalate
Concen: 1.279 ng/ul
RT: 13.94 min Scan# 1828
Delta R.T. 0.01 min
Lab File: BP004269.D
Acq: 14 Dec 2020 12:13

Instrument :
BNA_P
ClientSampleId :
C0AD6DL

Tot Ion	Ratio	Lower	Upper
163	100		
194	22.3	3.4	5.2#
164	17.0	8.4	12.6#

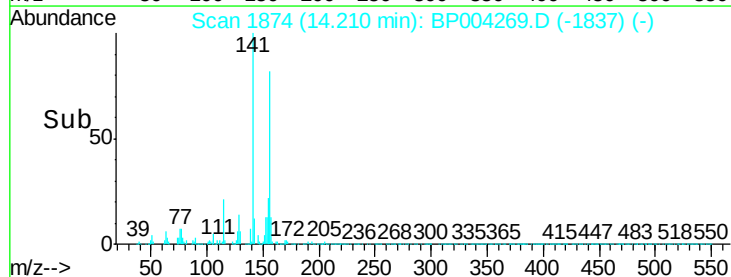
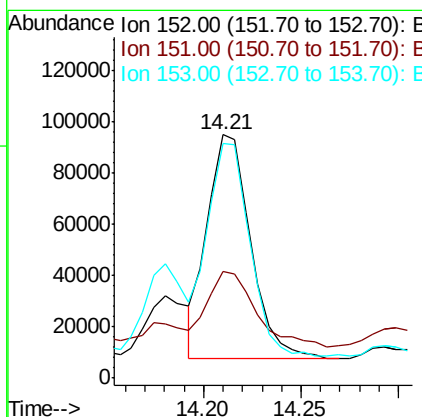
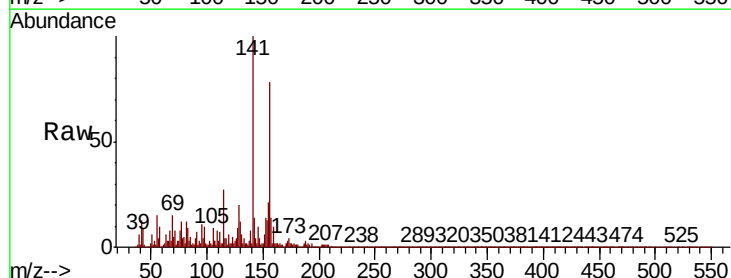
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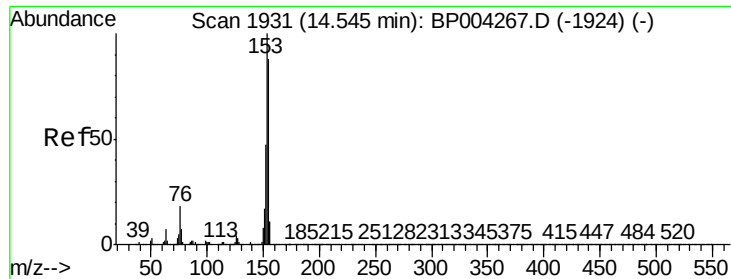
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#48
Acenaphthylene
Concen: 1.591 ng/ul
RT: 14.21 min Scan# 1874
Delta R.T. 0.02 min
Lab File: BP004269.D
Acq: 14 Dec 2020 12:13

Tgt Ion	Ratio	Lower	Upper
152	100		
151	43.8	15.8	23.8#
153	96.6	10.6	16.0#





#50

Acenaphthene

Concen: 4.203 ng/ul

RT: 14.55 min Scan# 1932

Delta R.T. 0.01 min

Lab File: BP004269.D

Acq: 14 Dec 2020 12:13

Instrument :

BNA_P

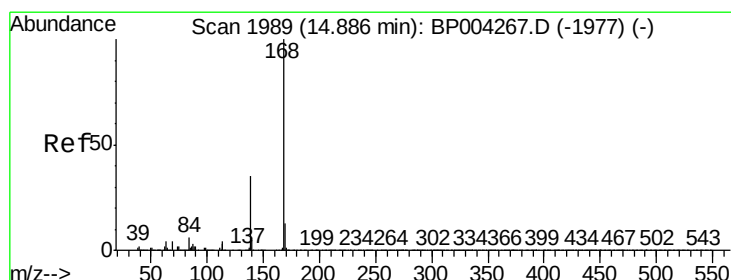
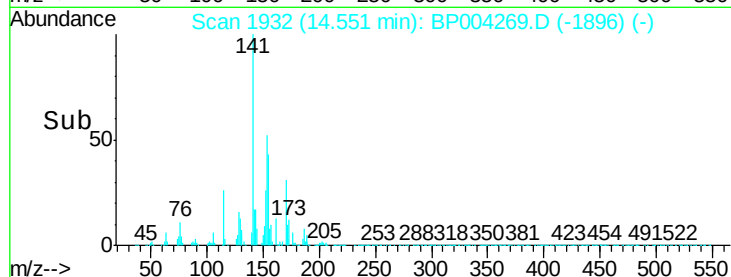
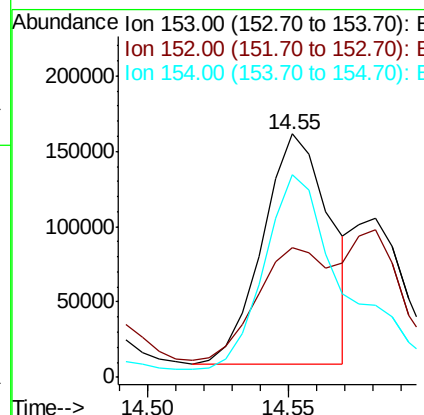
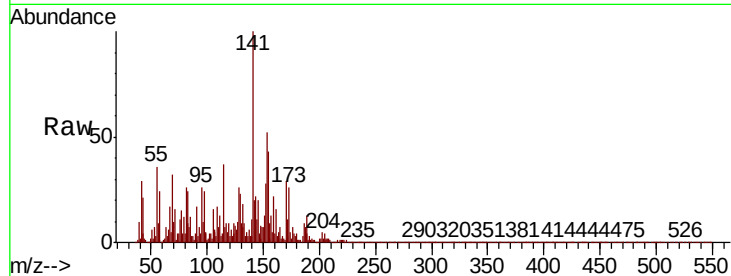
ClientSampleID :

C0AD6DL

Tot Ion:	153	Resp:	253941
Ion Ratio	Lower	Upper	
153	100		
152	53.2	37.8	56.6
154	83.5	69.8	104.8

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#54

Dibenzofuran

Concen: 4.221 ng/ul m

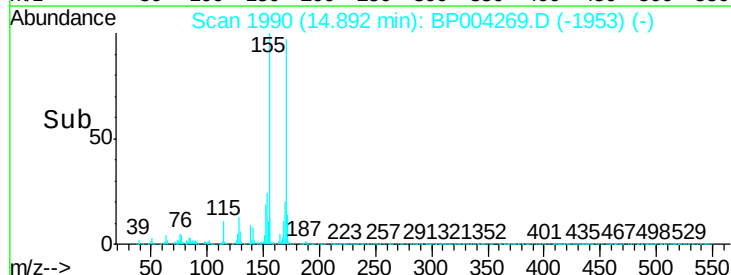
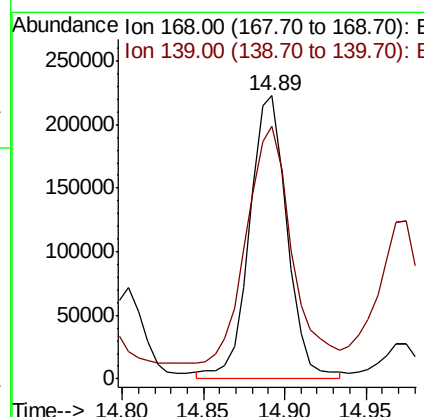
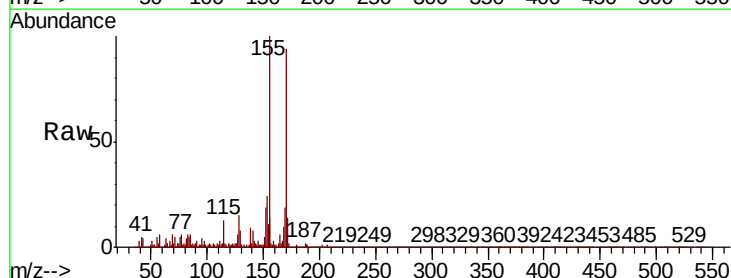
RT: 14.89 min Scan# 1990

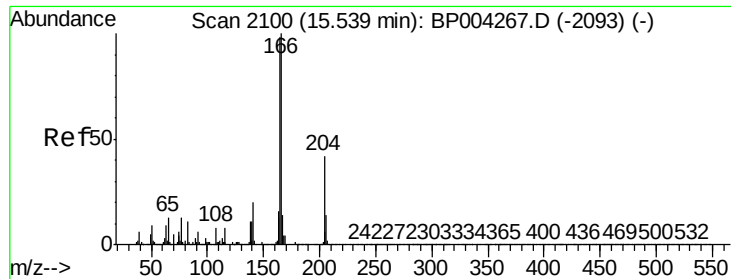
Delta R.T. 0.02 min

Lab File: BP004269.D

Acq: 14 Dec 2020 12:13

Tgt Ion:	168	Resp:	359281
Ion Ratio	Lower	Upper	
168	100		
139	89.0	29.0	43.6#





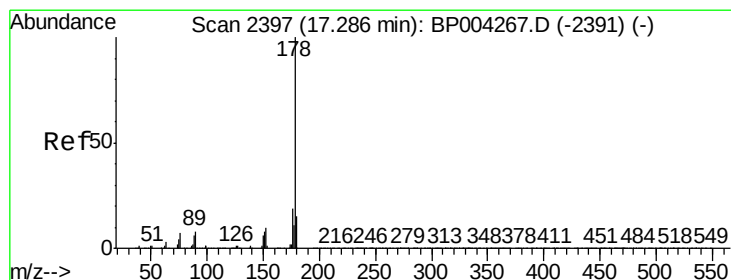
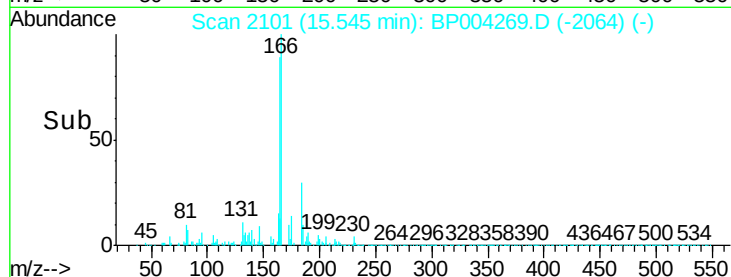
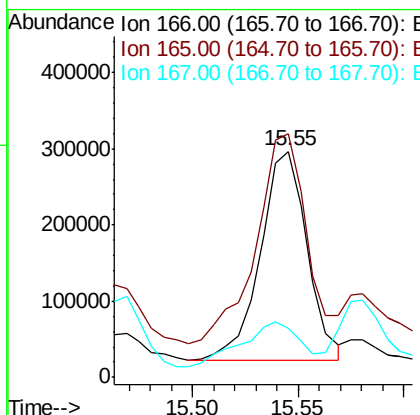
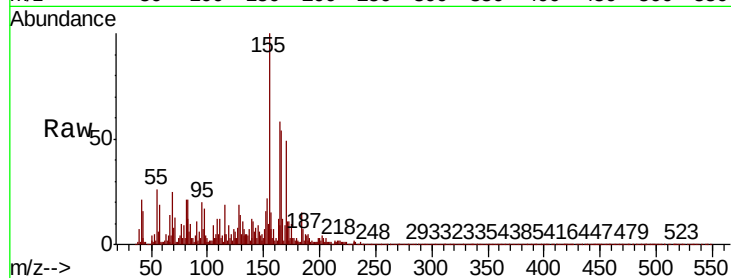
#59
Fluorene
Concen: 6.187 ng/ul
RT: 15.55 min Scan# 2101
Delta R.T. 0.02 min
Lab File: BP004269.D
Acq: 14 Dec 2020 12:13

Instrument :
BNA_P
ClientSampleId :
C0AD6DL

Tot Ion	Ratio	Lower	Upper
166	100		
165	107.9	78.2	117.2
167	21.6	10.8	16.2

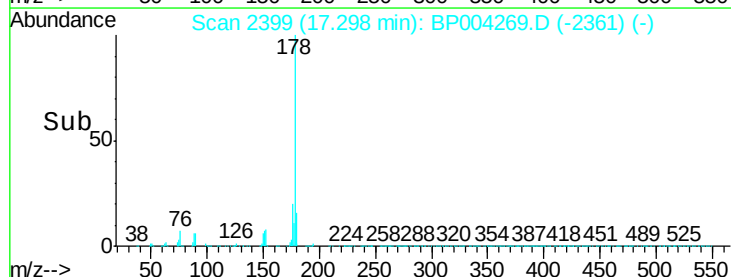
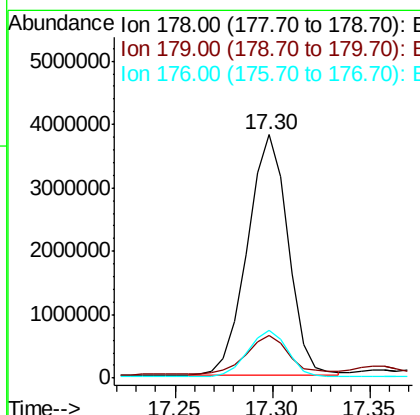
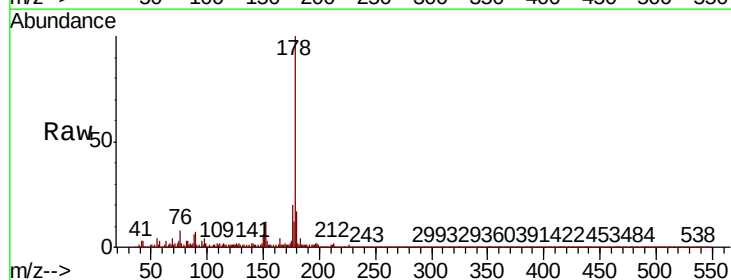
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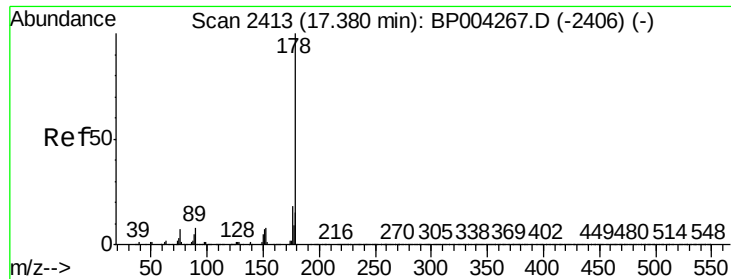
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#70
Phenanthrene
Concen: 50.828 ng/ul
RT: 17.30 min Scan# 2399
Delta R.T. 0.02 min
Lab File: BP004269.D
Acq: 14 Dec 2020 12:13

Tgt Ion	Ratio	Lower	Upper
178	100		
179	17.4	12.4	18.6
176	19.8	15.4	23.0





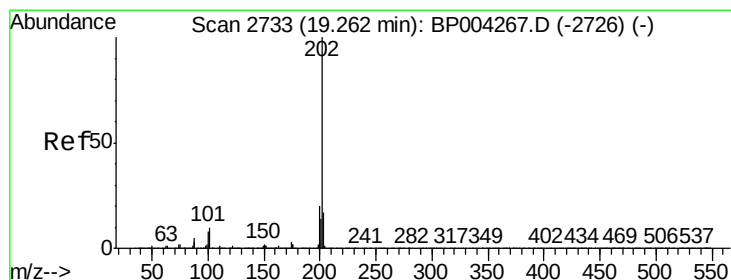
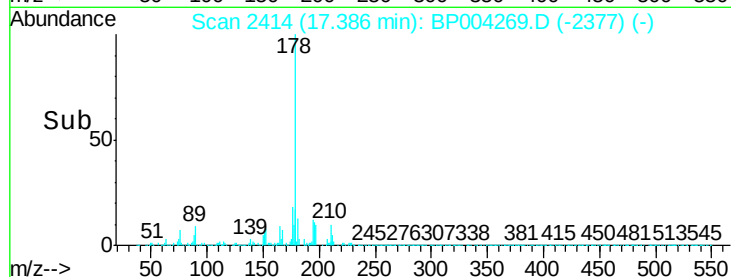
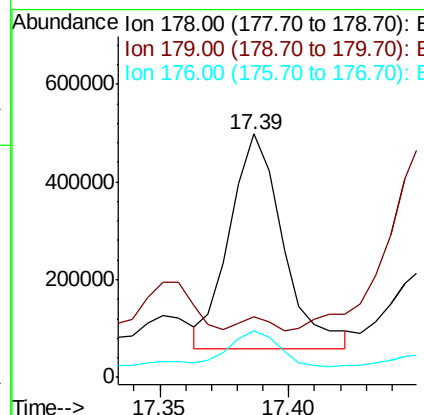
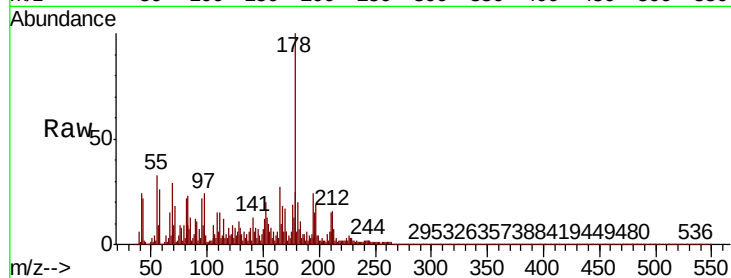
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 Anthracene
 Concen: 5.962 ng/ul m
 RT: 17.39 min Scan# 2414
 Delta R.T. 0.02 min
 Lab File: BP004269.D
 Acq: 14 Dec 2020 12:13

Instrument :
 BNA_P
 ClientSampleId :
 C0AD6DL

Tot Ion	Ratio	Lower	Upper
178	100		
179	24.8	12.3	18.5#
176	19.3	14.9	22.3

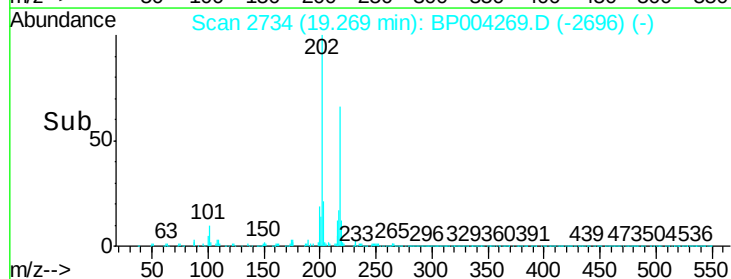
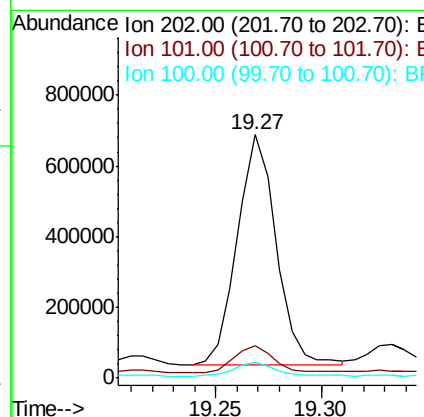
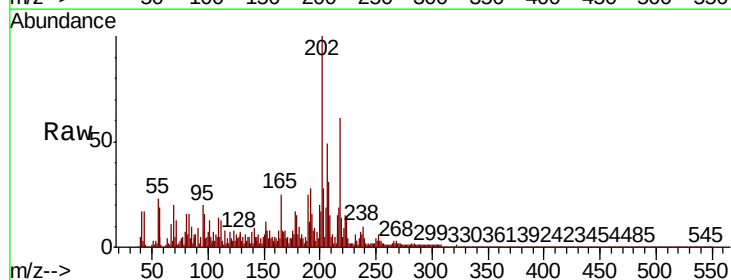
Manual Integrations
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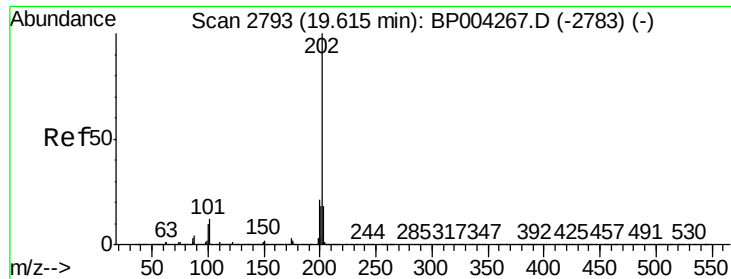
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#77
 Fluoranthene
 Concen: 7.253 ng/ul
 RT: 19.27 min Scan# 2734
 Delta R.T. 0.02 min
 Lab File: BP004269.D
 Acq: 14 Dec 2020 12:13

Tgt Ion	Ratio	Lower	Upper
202	100		
101	13.4	9.1	13.7
100	6.6	7.1	10.7#





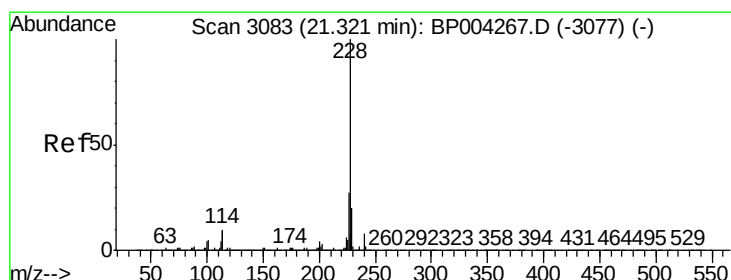
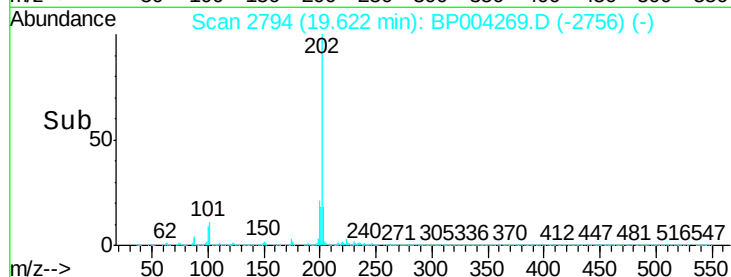
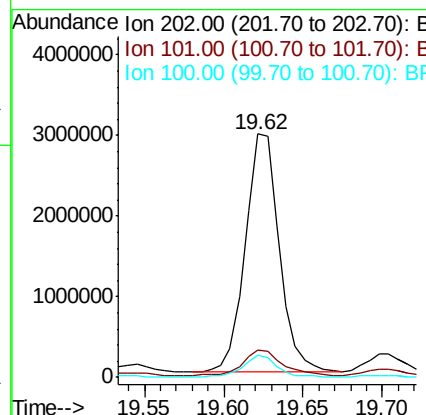
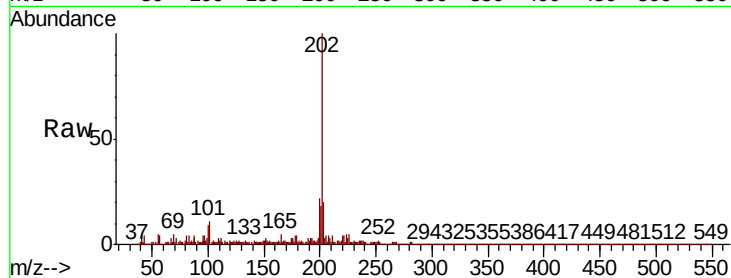
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Pvrene
Concen: 35.563 ng/ul
RT: 19.62 min Scan# 2794
Delta R.T. 0.02 min
Lab File: BP004269.D
Acq: 14 Dec 2020 12:13

Instrument :
BNA_P
ClientSampleId :
C0AD6DL

Tot Ion	Ratio	Lower	Upper
202	100		
101	11.3	10.6	15.8
100	9.0	8.6	12.8

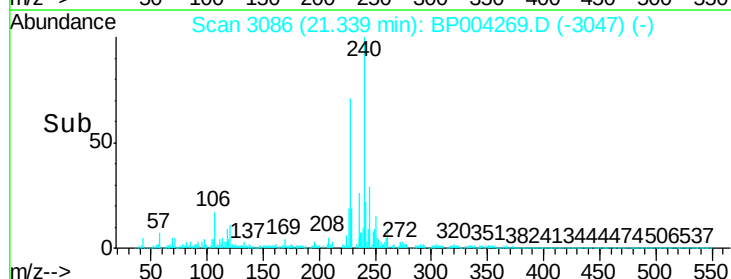
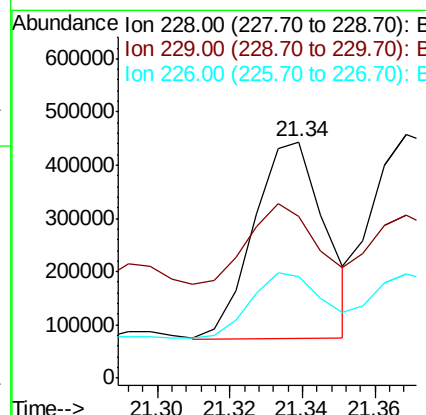
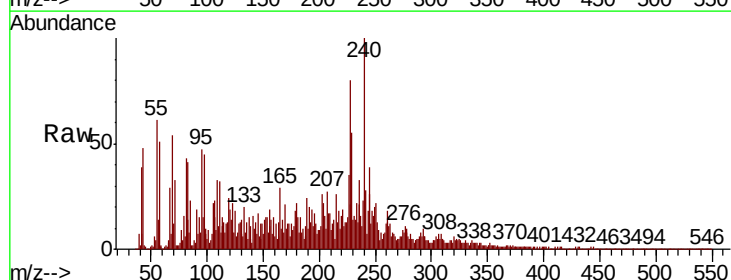
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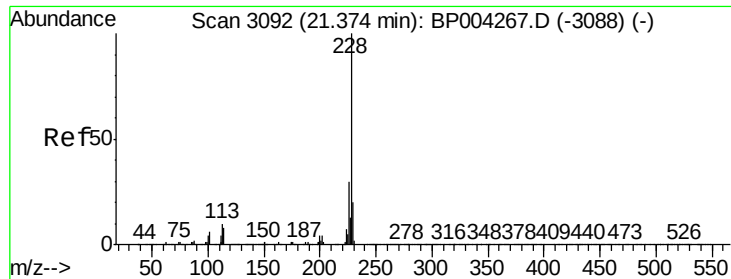
mohammad
12/17/2020 9:48:00 AM



#83
Benzo(a)anthracene
Concen: 4.154 ng/ul
RT: 21.34 min Scan# 3086
Delta R.T. 0.03 min
Lab File: BP004269.D
Acq: 14 Dec 2020 12:13

Tgt Ion	Ratio	Lower	Upper
228	100		
229	68.4	15.8	23.8#
226	43.1	21.7	32.5#





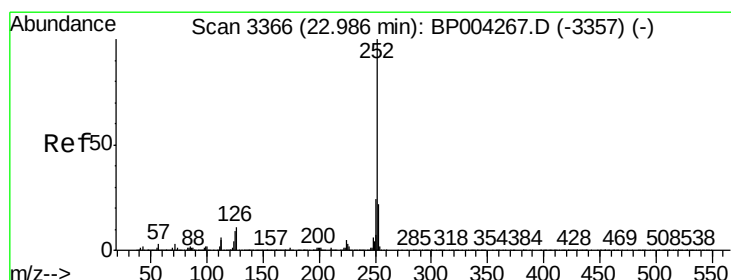
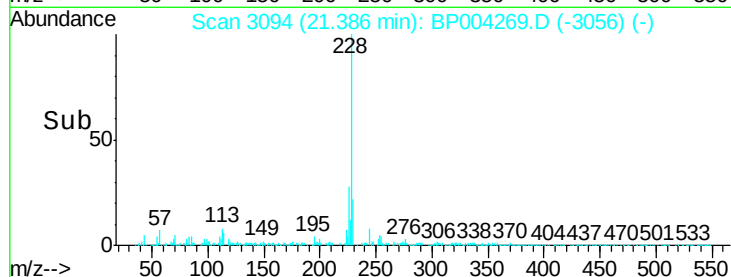
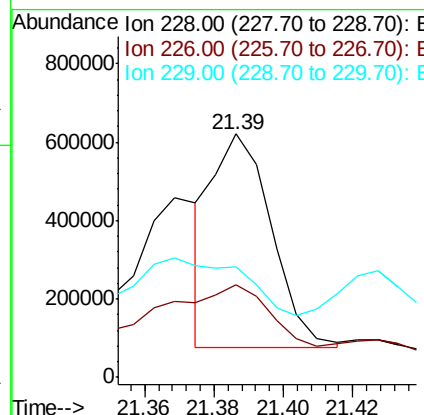
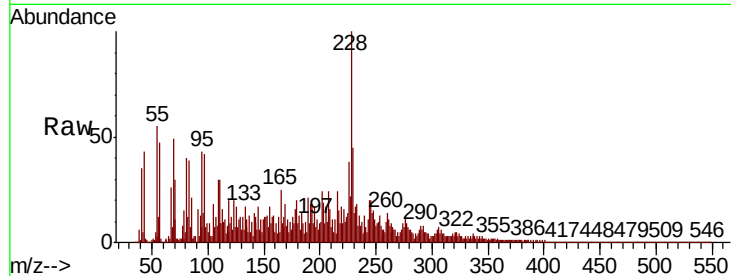
#85
Chrysene
Concen: 5.398 ng/ul m
RT: 21.39 min Scan# 3094
Delta R.T. 0.02 min
Lab File: BP004269.D
Acq: 14 Dec 2020 12:13

Instrument :
BNA_P
ClientSampleId :
C0AD6DL

Tot Ion	Ratio	Lower	Upper
228	100		
226	37.9	24.2	36.2#
229	45.2	15.8	23.8#

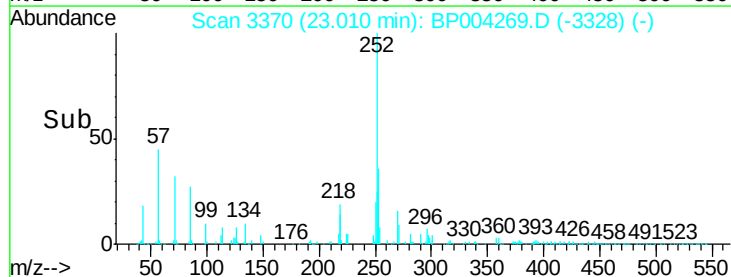
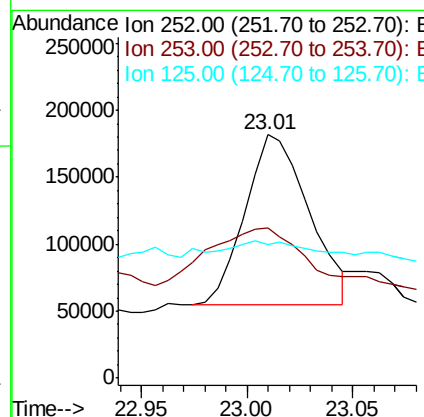
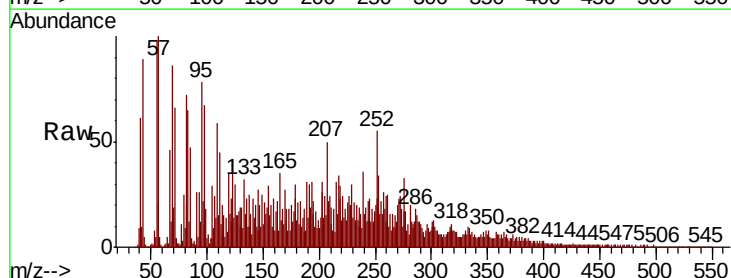
Manual Integrations
APPROVED

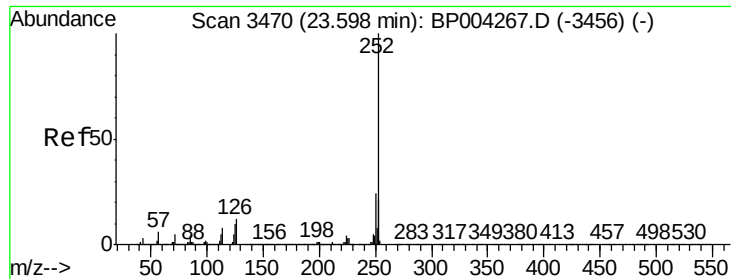
mohammad
12/17/2020 9:48:00 AM



#88
Benzo(b)fluoranthene
Concen: 1.930 ng/ul
RT: 23.01 min Scan# 3370
Delta R.T. 0.05 min
Lab File: BP004269.D
Acq: 14 Dec 2020 12:13

Tgt Ion	Ratio	Lower	Upper
252	100		
253	61.8	17.6	26.4#
125	54.9	7.7	11.5#





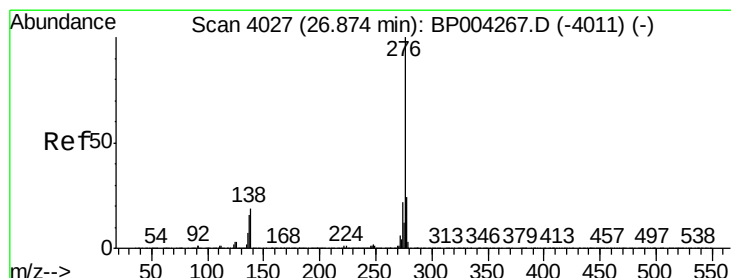
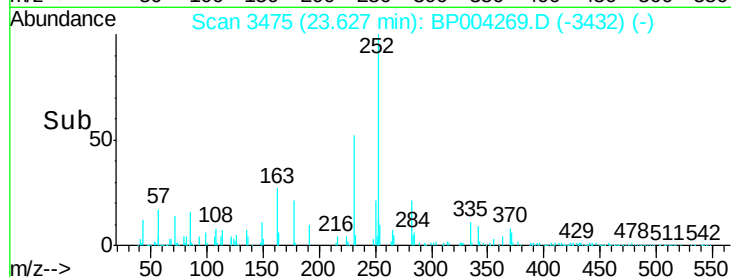
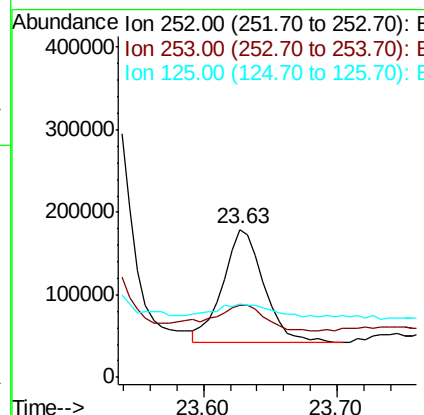
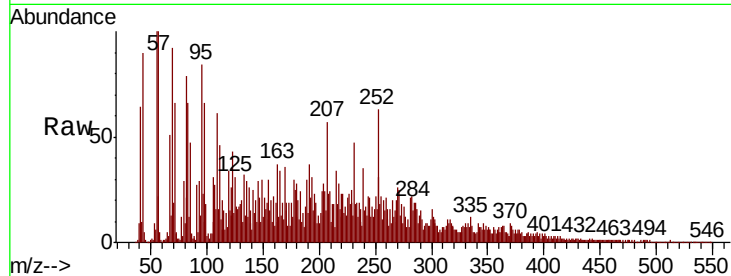
#91
Benzo(a)pyrene
Concen: 2.309 ng/ul
RT: 23.63 min Scan# 3475
Delta R.T. 0.05 min
Lab File: BP004269.D
Acq: 14 Dec 2020 12:13

Instrument :
BNA_P
ClientSampleId :
C0AD6DL

Tot Ion	Ratio	Lower	Upper
252	100		
253	48.8	17.3	25.9#
125	49.2	7.8	11.6#

Manual Integrations
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mohammad
12/17/2020 9:48:00 AM



#94
Benzo(g,h,i)perylene
Concen: 1.407 ng/ul
RT: 26.93 min Scan# 4036
Delta R.T. 0.10 min
Lab File: BP004269.D
Acq: 14 Dec 2020 12:13

Tgt Ion	Ratio	Lower	Upper
276	100		
138	30.3	16.6	25.0#
277	44.3	18.5	27.7#

