

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP122324\
 Data File : BP023564.D
 Acq On : 23 Dec 2024 15:42
 Operator : RC/JU
 Sample : P5333-05
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 E2908

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 12/24/2024
 Supervised By :mohammad ahmed 12/30/2024

Quant Time: Dec 24 03:52:21 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP112624.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Dec 24 02:14:57 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.522	152	196948	20.000	ng/u1	0.02
20) Naphthalene-d8	10.269	136	755352	20.000	ng/u1	# 0.01
38) Acenaphthene-d10	14.146	164	568343	20.000	ng/u1	0.00
64) Phenanthrene-d10	16.969	188	1250882	20.000	ng/u1	# 0.01
79) Chrysene-d12	21.404	240	1300116	20.000	ng/u1	# 0.00
88) Perylene-d12	24.580	264	1393549	20.000	ng/u1	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.093	96	22662	4.236	ng/uL	0.02
4) Pyridine-d5	3.534	84	203876m	14.821	ng/u1	0.05
7) Phenol-d5	6.752	99	426889	27.625	ng/u1	0.03
9) Bis-(2-Chloroethyl)eth...	6.875	67	259061	26.572	ng/u1	0.02
11) 2-Chlorophenol-d4	7.075	132	302488	26.522	ng/u1	0.02
15) 4-Methylphenol-d8	8.252	113	323857	25.967	ng/u1	0.02
21) Nitrobenzene-d5	8.675	128	151312	26.826	ng/u1	0.02
24) 2-Nitrophenol-d4	9.381	143	182602	28.089	ng/u1	0.02
28) 2,4-Dichlorophenol-d3	9.940	165	337784	24.619	ng/u1	0.02
31) 4-Chloroaniline-d4	10.452	131	223163m	14.519	ng/u1	0.03
46) Dimethylphthalate-d6	13.557	166	1153287	26.139	ng/u1	0.00
49) Acenaphthylene-d8	13.834	160	1096430	23.560	ng/u1	0.00
54) 4-Nitrophenol-d4	14.463	143	150672m	27.868	ng/u1	0.00
60) Fluorene-d10	15.169	176	816598	21.042	ng/u1	0.02
65) 4,6-Dinitro-2-methylph...	15.328	200	145839	19.291	ng/u1	-0.01
73) Anthracene-d10	17.063	188	1279193	22.407	ng/u1	0.00
81) Pyrene-d10	19.457	212	1294779	19.062	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.374	264	1046840	14.033	ng/u1	0.00
Target Compounds						
8) Phenol	6.775	94	19697m	1.224	ng/u1	Qvalue
72) Phenanthrene	17.010	178	72753	1.125	ng/u1	97
80) Fluoranthene	19.116	202	182023	2.339	ng/u1#	93
82) Pyrene	19.492	202	162007	1.961	ng/u1#	93
85) Benzo(a)anthracene	21.380	228	87317	1.002	ng/u1	96
86) Bis(2-ethylhexyl)phtha...	21.304	149	136090	3.313	ng/u1	99
87) Chrysene	21.451	228	89257	1.068	ng/u1	95
90) Benzo(b)fluoranthene	23.592	252	113822	1.300	ng/u1#	93

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

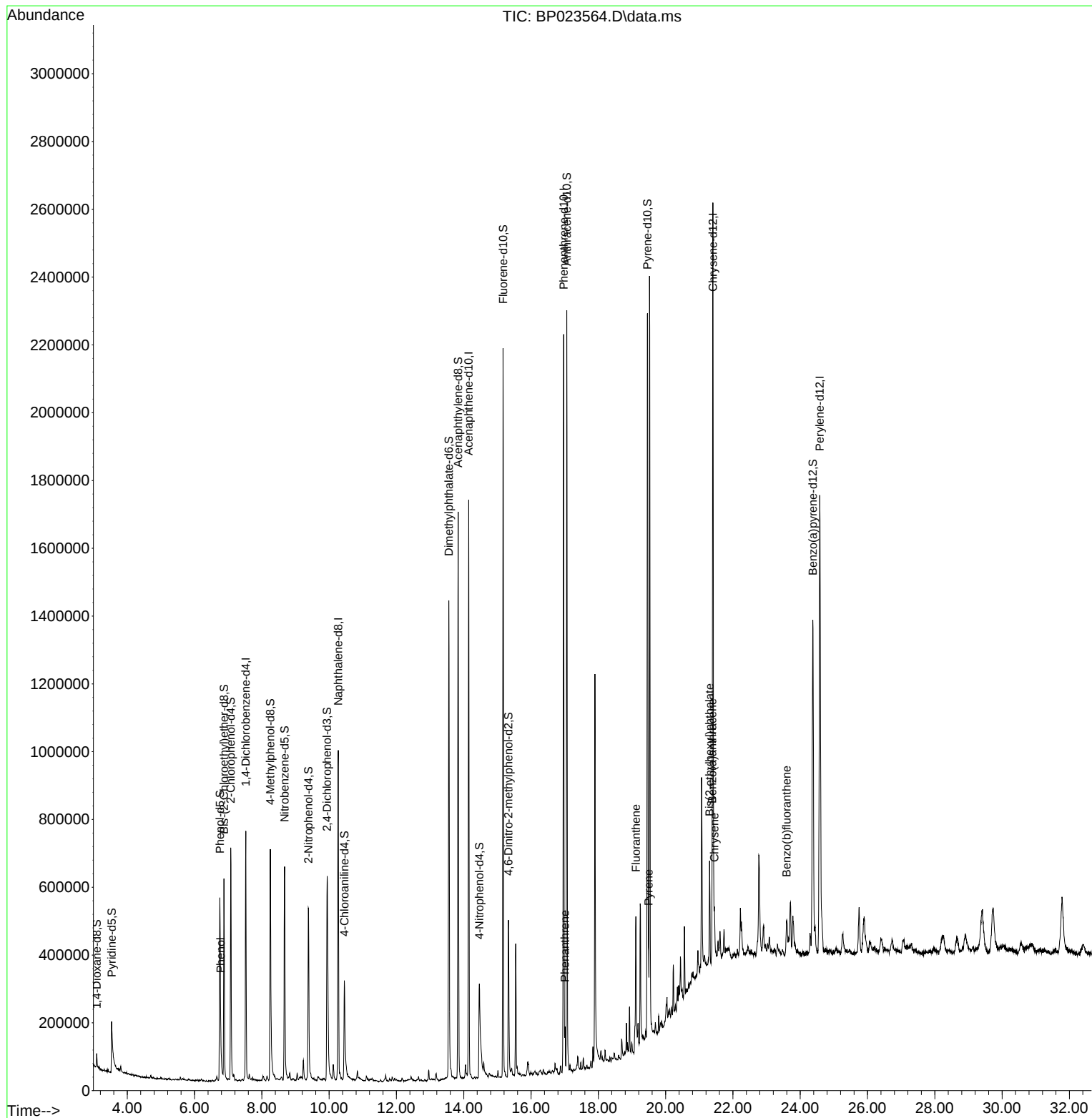
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP122324\
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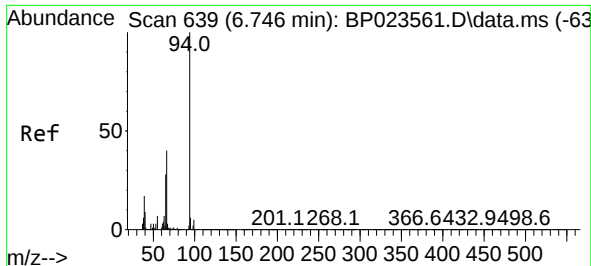
Instrument :
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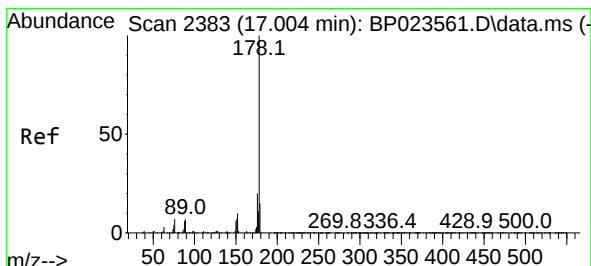
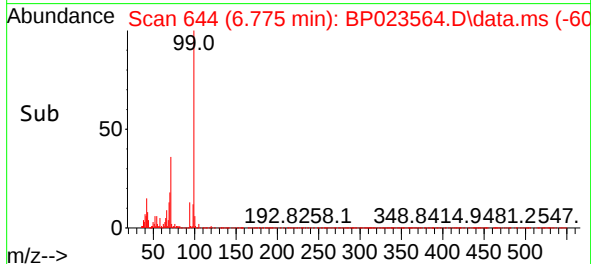
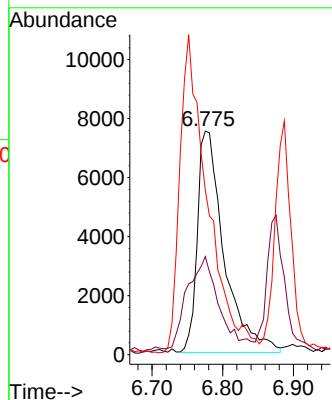
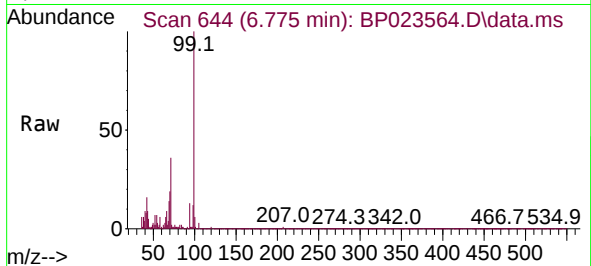
#8
Phenol
Concen: 1.224 ng/ul m
RT: 6.775 min Scan# 644
Delta R.T. 0.029 min
Lab File: BP023564.D
Acq: 23 Dec 2024 15:42

Instrument :
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ClientSampleId :
E2908

Tgt Ion: 94 Resp: 1969
Ion Ratio Lower Upper
94 100
65 43.8 28.0 42.0
66 73.5 42.0 63.0

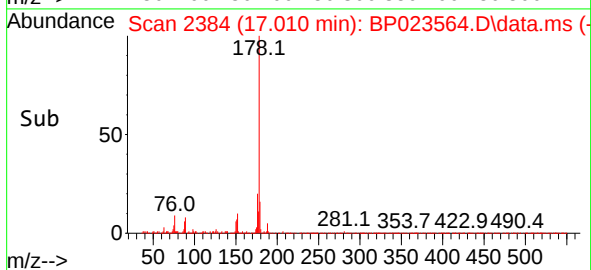
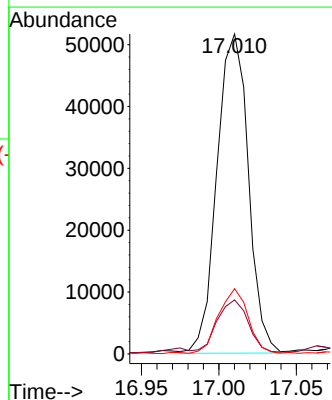
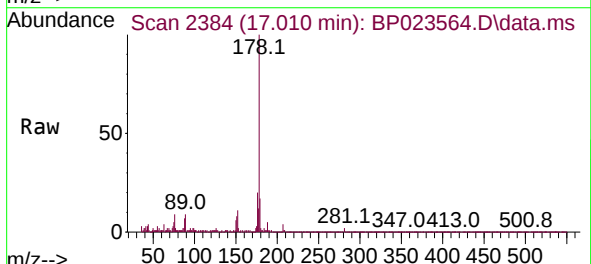
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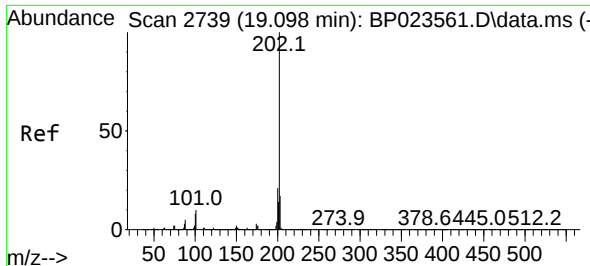
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#72
Phenanthrene
Concen: 1.125 ng/ul
RT: 17.010 min Scan# 2384
Delta R.T. 0.006 min
Lab File: BP023564.D
Acq: 23 Dec 2024 15:42

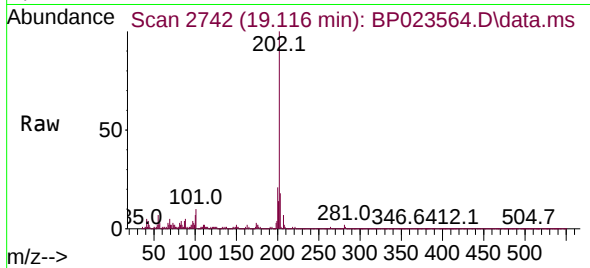
Tgt Ion:178 Resp: 72753
Ion Ratio Lower Upper
178 100
179 16.9 12.1 18.1
176 20.4 15.4 23.0





#80
Fluoranthene
Concen: 2.339 ng/u1
RT: 19.116 min Scan# 21
Delta R.T. 0.018 min
Lab File: BP023564.D
Acq: 23 Dec 2024 15:42

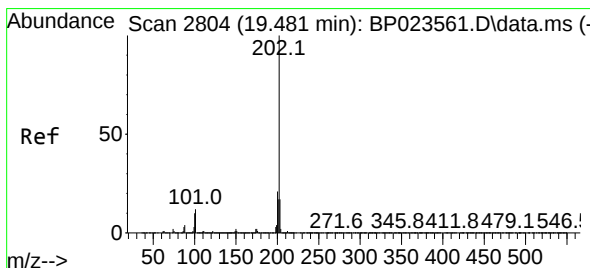
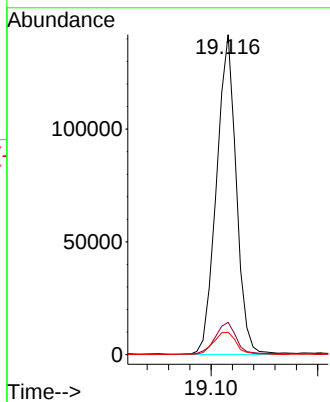
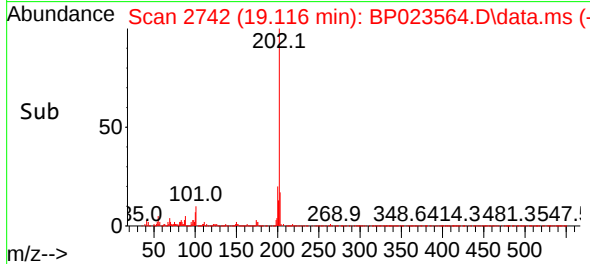
Instrument :
BNA_P
ClientSampleId :
E2908



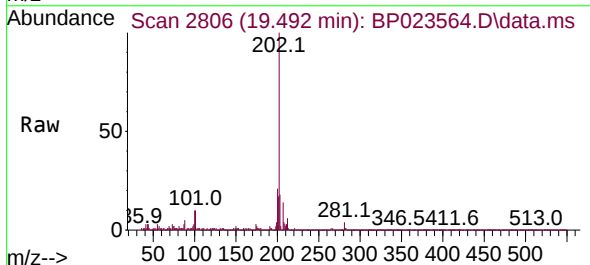
Tgt Ion:202 Resp: 18202
Ion Ratio Lower Upper
202 100
101 10.1 5.6 8.4#
100 7.0 4.6 7.0#

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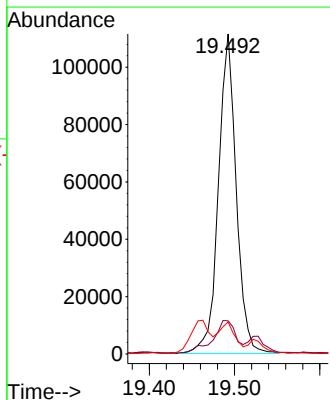
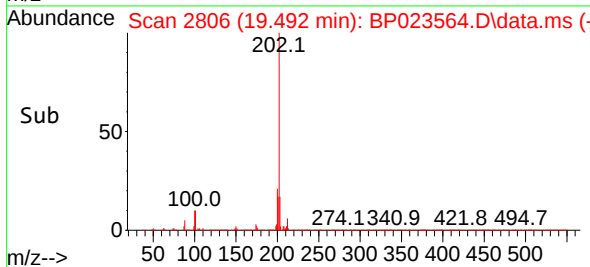
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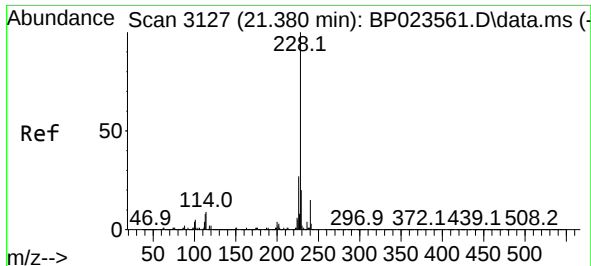


#82
Pyrene
Concen: 1.961 ng/u1
RT: 19.492 min Scan# 2806
Delta R.T. 0.012 min
Lab File: BP023564.D
Acq: 23 Dec 2024 15:42



Tgt Ion:202 Resp: 162007
Ion Ratio Lower Upper
202 100
101 10.4 6.7 10.1#
100 10.0 5.8 8.8#





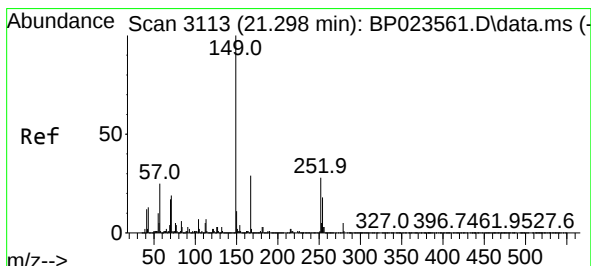
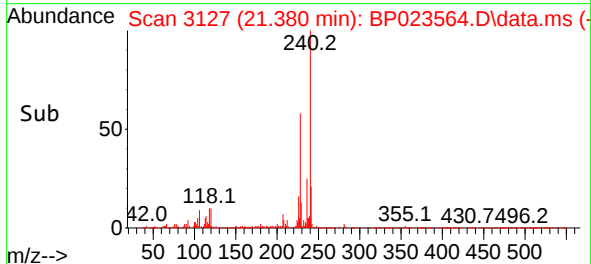
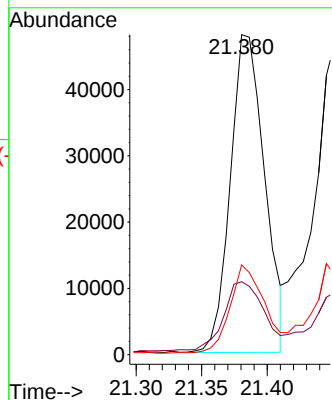
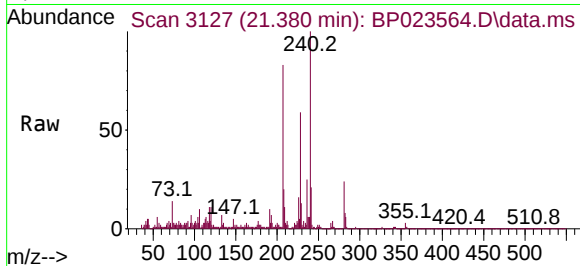
#85
Benzo(a)anthracene
Concen: 1.002 ng/ul
RT: 21.380 min Scan# 3127
Delta R.T. 0.000 min
Lab File: BP023564.D
Acq: 23 Dec 2024 15:42

Instrument :
BNA_P
ClientSampleId :
E2908

Tgt Ion:228 Resp: 8731
Ion Ratio Lower Upper
228 100
229 22.8 15.7 23.5
226 28.1 21.6 32.4

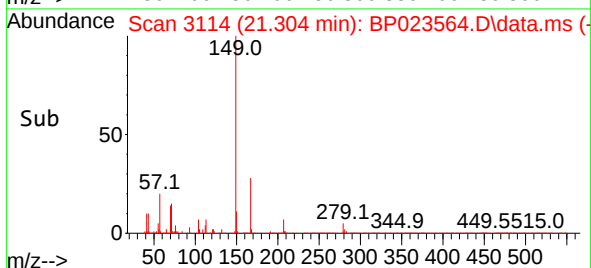
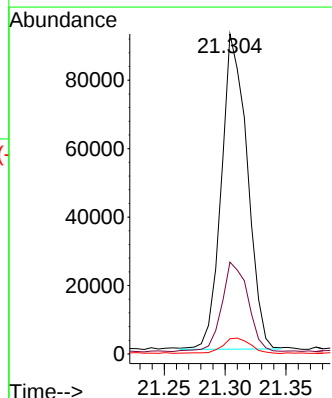
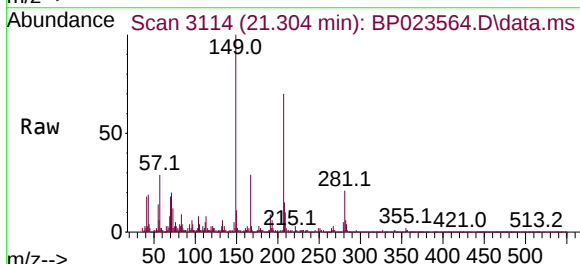
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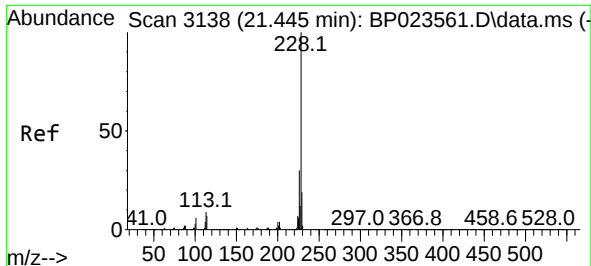
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#86
Bis(2-ethylhexyl)phthalate
Concen: 3.313 ng/ul
RT: 21.304 min Scan# 3114
Delta R.T. 0.006 min
Lab File: BP023564.D
Acq: 23 Dec 2024 15:42

Tgt Ion:149 Resp: 136090
Ion Ratio Lower Upper
149 100
167 28.7 22.5 33.7
279 4.7 3.7 5.5





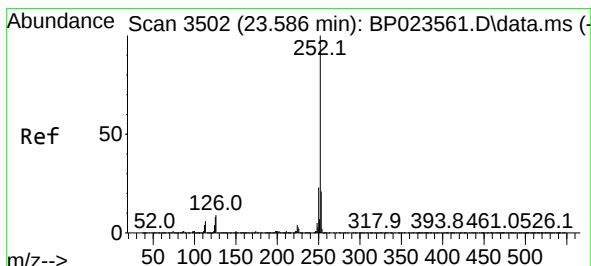
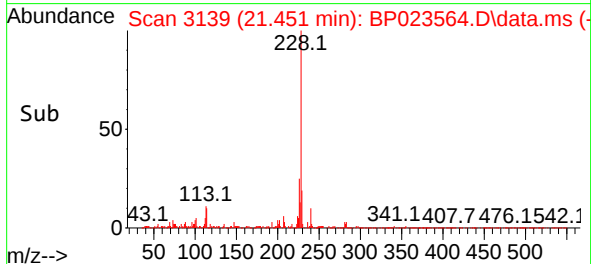
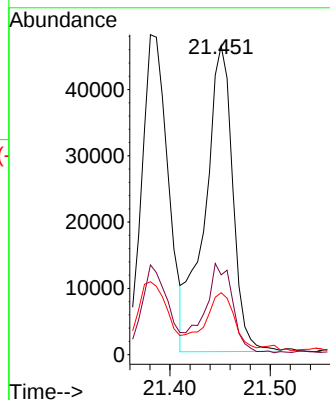
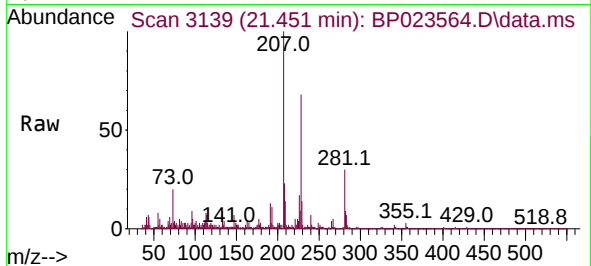
#87
Chrysene
Concen: 1.068 ng/u1
RT: 21.451 min Scan# 3138
Delta R.T. 0.006 min
Lab File: BP023564.D
Acq: 23 Dec 2024 15:42

Instrument :
BNA_P
ClientSampleId :
E2908

Tgt Ion:228 Resp: 8925
Ion Ratio Lower Upper
228 100
226 25.8 24.2 36.2
229 20.0 15.6 23.4

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#90
Benzo(b)fluoranthene
Concen: 1.300 ng/u1
RT: 23.592 min Scan# 3503
Delta R.T. 0.006 min
Lab File: BP023564.D
Acq: 23 Dec 2024 15:42

Tgt Ion:252 Resp: 113822
Ion Ratio Lower Upper
252 100
253 23.9 17.3 25.9
125 10.0 4.4 6.6

