Quantitation Report (Qedit)

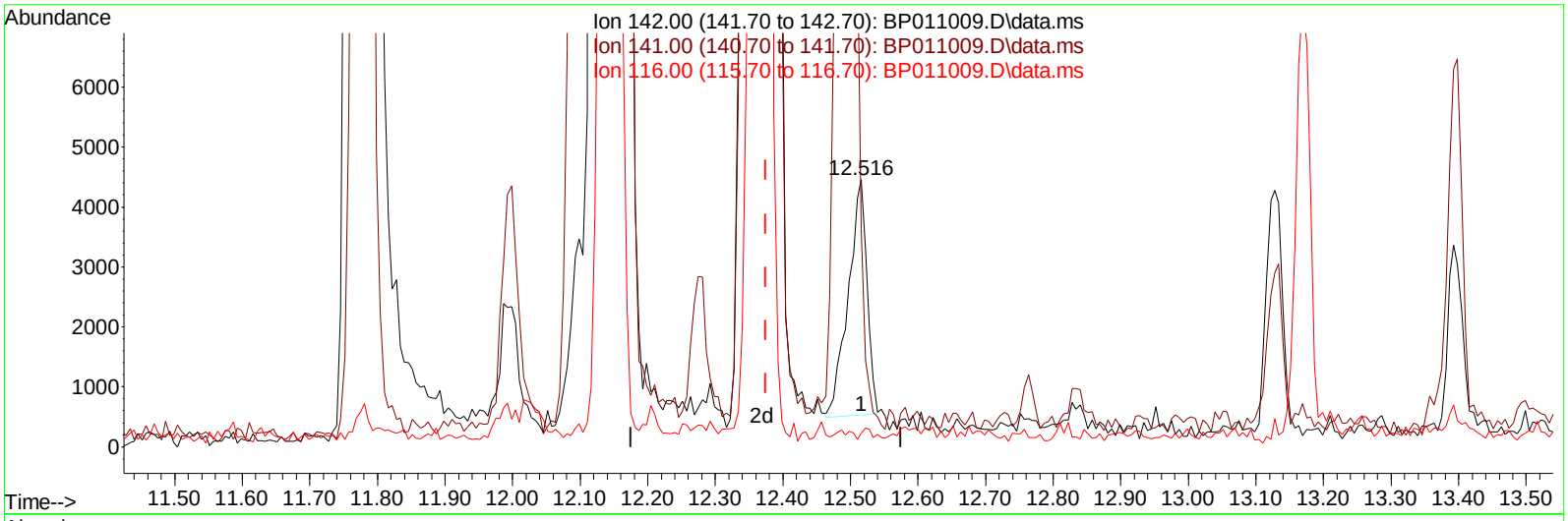
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071822\
Data File : BP011009.D
Acq On : 19 Jul 2022 00:28
Operator : CG/JU
Sample : N3710-08MS
Misc :
ALS Vial : 24 Sample Multiplier: 1

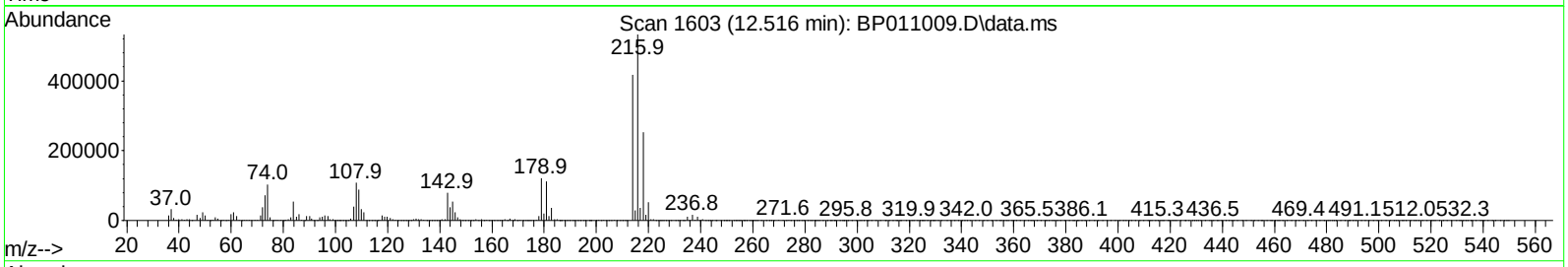
Quant Time: Jul 19 01:49:25 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071422.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jul 14 15:34:34 2022
Response via : Initial Calibration

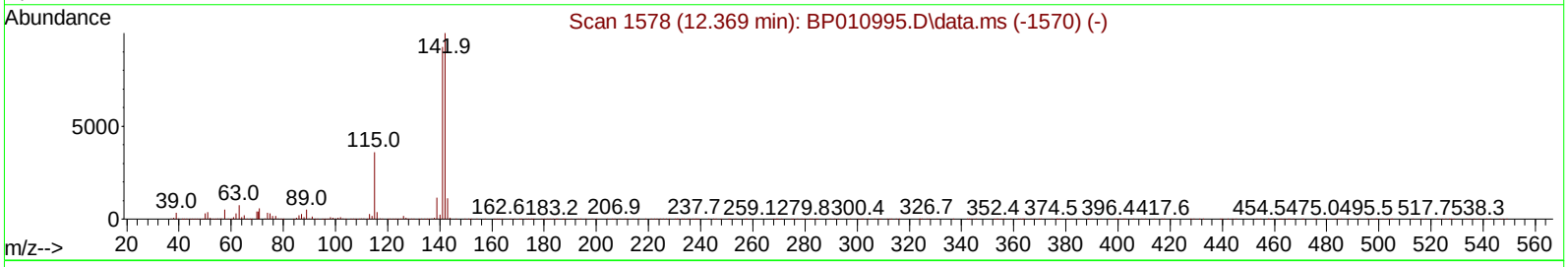
Instrument :
BNA_P
ClientSampleId :
H0B06MS

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 07/19/2022
Supervised By :mohammad ahmed 07/20/2022







TIC: BP011009.D\data.ms

(37) 1-Methylnaphthalene

12.516min (+ 0.141) 0.16 ng/ul

response 7525

Ion	Exp%	Act%
142.00	100.00	100.00
141.00	91.60	81.77
116.00	5.00	5.10
0.00	0.00	0.00

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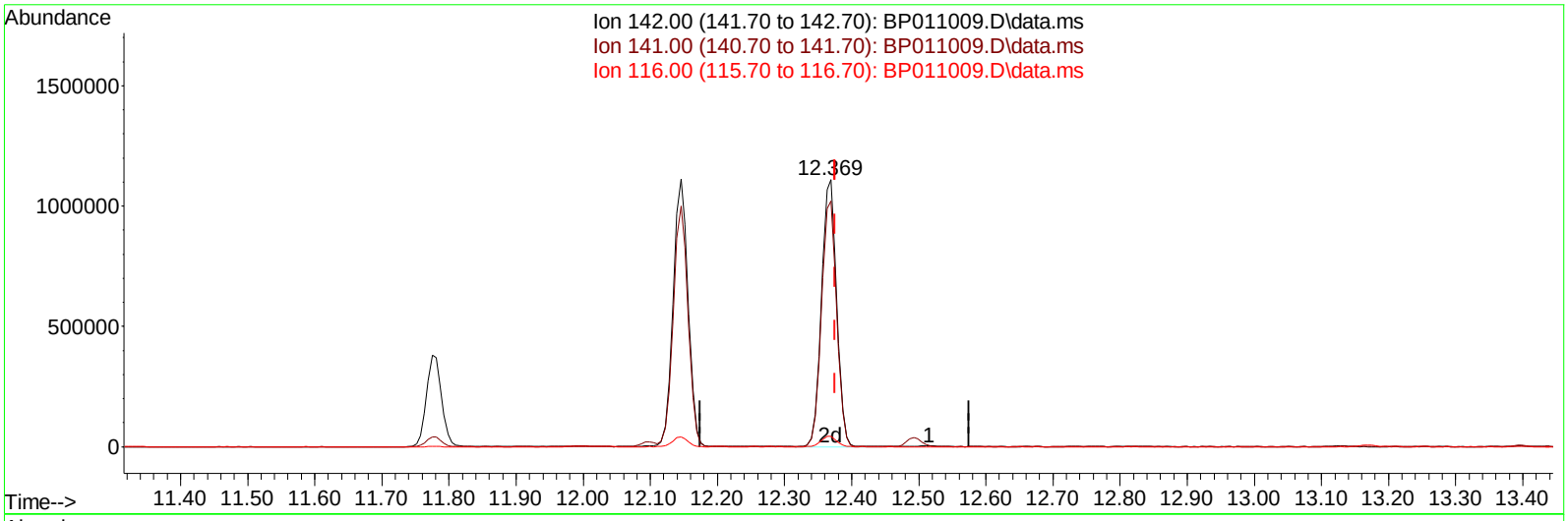

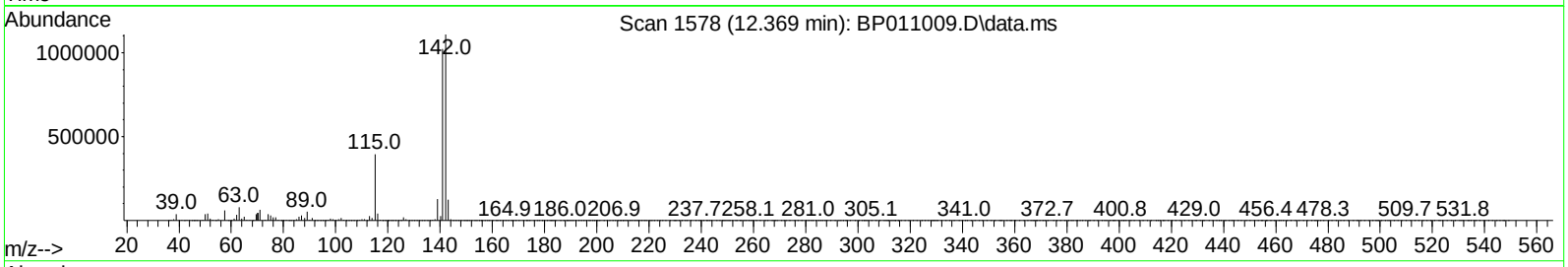

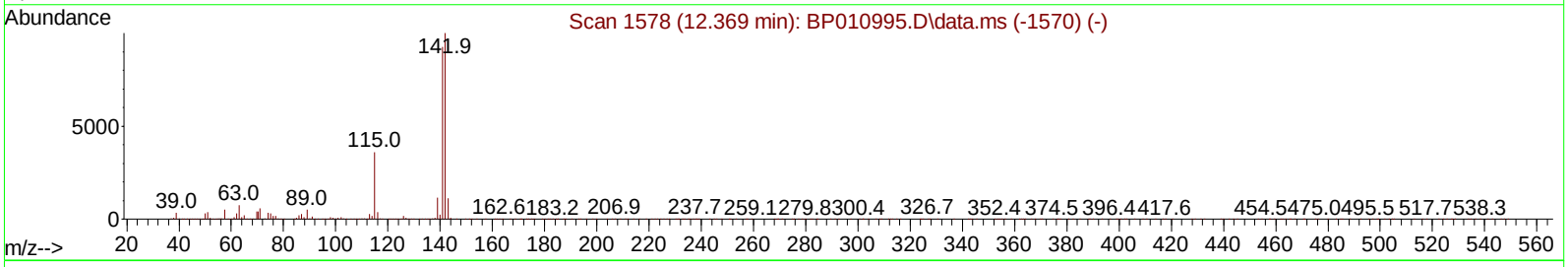

TIC: BP011009.D\data.ms

(37) 1-Methylnaphthalene

12.369min (-0.006) 37.02 ng/ul m

response 1738817

Ion	Exp%	Act%
142.00	100.00	100.00
141.00	91.60	92.06
116.00	5.00	3.87#
0.00	0.00	0.00

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.681	152	366794	20.000	ng/ul	0.00
20) Naphthalene-d8	10.475	136	1418515	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.340	164	749421	20.000	ng/ul	-0.01
64) Phenanthrene-d10	17.110	188	1474662	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.227	240	1419818	20.000	ng/ul	#-0.01
88) Perylene-d12	23.580	264	1542282	20.000	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.181	96	57463	5.648	ng/uL	0.00
4) Pyridine-d5	3.593	84	411920	15.664	ng/ul	0.00
7) Phenol-d5	6.858	99	256918	8.533	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.022	67	702154	36.266	ng/ul	0.00
11) 2-Chlorophenol-d4	7.216	132	694918	28.564	ng/ul	0.00
15) 4-Methylphenol-d8	8.399	113	463854	19.244	ng/ul	0.00
21) Nitrobenzene-d5	8.840	128	410314	39.692	ng/ul	0.00
24) 2-Nitrophenol-d4	9.563	143	383413	37.483	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.099	165	671481	35.896	ng/ul	0.00
31) 4-Chloroaniline-d4	10.622	131	790634	25.637	ng/ul	0.00
46) Dimethylphthalate-d6	13.763	166	2343711	45.758	ng/ul	0.00
49) Acenaphthylene-d8	14.034	160	2681247	44.367	ng/ul	0.00
54) 4-Nitrophenol-d4	14.563	143	106700	10.293	ng/ul	0.00
60) Fluorene-d10	15.339	176	1933002	44.399	ng/ul	-0.01
65) 4,6-Dinitro-2-methylph...	15.463	200	318022	43.582	ng/ul	-0.01
73) Anthracene-d10	17.210	188	2975119	47.457	ng/ul	0.00
81) Pyrene-d10	19.463	212	3432913	46.037	ng/ul	-0.01
92) Benzo(a)pyrene-d12	23.427	264	3597835	48.570	ng/ul	-0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.217	88	91816	8.601	ng/uL#	87
5) Pyridine	3.611	79	442021	16.310	ng/ul#	76
6) Benzaldehyde	6.828	77	733613	50.162	ng/ul	98
8) Phenol	6.887	94	293147	9.160	ng/ul#	85
10) Bis(2-Chloroethyl)ether	7.116	93	910173	35.833	ng/ul	91
12) 2-Chlorophenol	7.246	128	712813	28.344	ng/ul	93
13) 2-Methylphenol	8.134	108	531040	22.437	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.222	45	1264436	36.396	ng/ul#	97
16) Acetophenone	8.510	105	1308980	35.874	ng/ul#	88
17) N-Nitroso-di-n-propyla...	8.499	70	646796	35.328	ng/ul	91
18) 4-Methylphenol	8.457	108	498993	19.746	ng/ul	96
19) Hexachloroethane	8.752	117	316947	31.847	ng/ul#	81
22) Nitrobenzene	8.887	77	975027	40.107	ng/ul	91
23) Isophorone	9.416	82	1803443	39.637	ng/ul	98
25) 2-Nitrophenol	9.593	139	423878	36.917	ng/ul#	82
26) 2,4-Dimethylphenol	9.663	107	808851	33.313	ng/ul	94
27) Bis(2-Chloroethoxy)met...	9.899	93	1145817	38.054	ng/ul	99
29) 2,4-Dichlorophenol	10.128	162	672462	34.731	ng/ul	99
30) Naphthalene	10.522	128	2660152	36.800	ng/ul	100
32) 4-Chloroaniline	10.646	127	1005358	32.958	ng/ul	100
33) Hexachlorobutadiene	10.810	225	379029	33.630	ng/ul	97
34) Caprolactam	11.457	113	49203	7.251	ng/ul	97
35) 4-Chloro-3-methylphenol	11.775	107	756162	34.557	ng/ul	95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.146	142	1710536	36.501	ng/ul	98
37) 1-Methylnaphthalene	12.369	142	1738817m	37.018	ng/ul	
39) 1,2,4,5-Tetrachloroben...	12.516	216	772683	39.092	ng/ul	99
40) Hexachlorocyclopentadiene	12.493	237	380711	31.098	ng/ul	96
41) 2,4,6-Trichlorophenol	12.763	196	543882	41.784	ng/ul	98
42) 2,4,5-Trichlorophenol	12.834	196	597409	42.945	ng/ul	99
43) 1,1'-Biphenyl	13.169	154	2252890	40.289	ng/ul#	98
44) 2-Chloronaphthalene	13.210	162	1717249	40.886	ng/ul	98
45) 2-Nitroaniline	13.428	65	596662	48.760	ng/ul#	82
47) Dimethylphthalate	13.810	163	2371779	45.891	ng/ul	98
48) 2,6-Dinitrotoluene	13.928	165	478629	51.152	ng/ul	93
50) Acenaphthylene	14.063	152	2810520	41.446	ng/ul	98
51) 3-Nitroaniline	14.257	138	508792	45.259	ng/ul	90
52) Acenaphthene	14.404	153	1933097	43.031	ng/ul	99
53) 2,4-Dinitrophenol	14.463	184	210592	38.469	ng/ul#	84
55) 4-Nitrophenol	14.575	109	83987	10.582	ng/ul#	75
56) Dibenzofuran	14.745	168	2635759	42.521	ng/ul	98
57) 2,4-Dinitrotoluene	14.716	165	674780	50.557	ng/ul	86
58) 2,3,4,6-Tetrachlorophenol	14.975	232	499032	45.808	ng/ul#	88
59) Diethylphthalate	15.187	149	2483005	46.781	ng/ul	98
61) Fluorene	15.398	166	2194153	44.107	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.398	204	991022	43.273	ng/ul	96
63) 4-Nitroaniline	15.428	138	541606	52.421	ng/ul#	78
66) 4,6-Dinitro-2-methylph...	15.481	198	323138	43.166	ng/ul	99
67) N-Nitrosodiphenylamine	15.616	169	1926739	45.739	ng/ul	98
68) 4-Bromophenyl-phenylether	16.298	248	621824	46.754	ng/ul	94
69) Hexachlorobenzene	16.404	284	694303	44.979	ng/ul	94
70) Atrazine	16.586	200	662007	45.429	ng/ul	96
71) Pentachlorophenol	16.757	266	412301	43.370	ng/ul	98
72) Phenanthrene	17.151	178	3566148	46.417	ng/ul	98
74) Anthracene	17.245	178	3546601	46.407	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.128	216	821187	38.899	ng/uL	98
76) Pentachlorobenzene	14.657	250	794092	42.911	ng/uL	99
77) Carbazole	17.522	167	3452602	48.269	ng/ul	99
78) Di-n-butylphthalate	18.092	149	4502238	50.355	ng/ul	99
80) Fluoranthene	19.133	202	4100116	47.012	ng/ul#	85
82) Pyrene	19.492	202	4213449	46.826	ng/ul#	84
83) Butylbenzylphthalate	20.386	149	2161337	53.843	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.157	252	352566	14.024	ng/ul#	98
85) Benzo(a)anthracene	21.216	228	4140196	47.881	ng/ul	97
86) Bis(2-ethylhexyl)phtha...	21.151	149	3173378	52.983	ng/ul#	96
87) Chrysene	21.263	228	3952766	46.556	ng/ul	99
89) Di-n-octyl phthalate	22.069	149	5510351	53.274	ng/ul	100
90) Benzo(b)fluoranthene	22.869	252	4433652	46.558	ng/ul#	96
91) Benzo(k)fluoranthene	22.916	252	4433869	49.568	ng/ul#	95
93) Benzo(a)pyrene	23.480	252	3945339	43.140	ng/ul#	94
94) Indeno(1,2,3-cd)pyrene	26.021	276	5317085	50.028	ng/ul#	88
95) Dibenzo(a,h)anthracene	26.045	278	4447944	48.364	ng/ul#	92
96) Benzo(g,h,i)perylene	26.768	276	4388994	48.486	ng/ul#	87

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

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