Quantitation Report (Qedit)

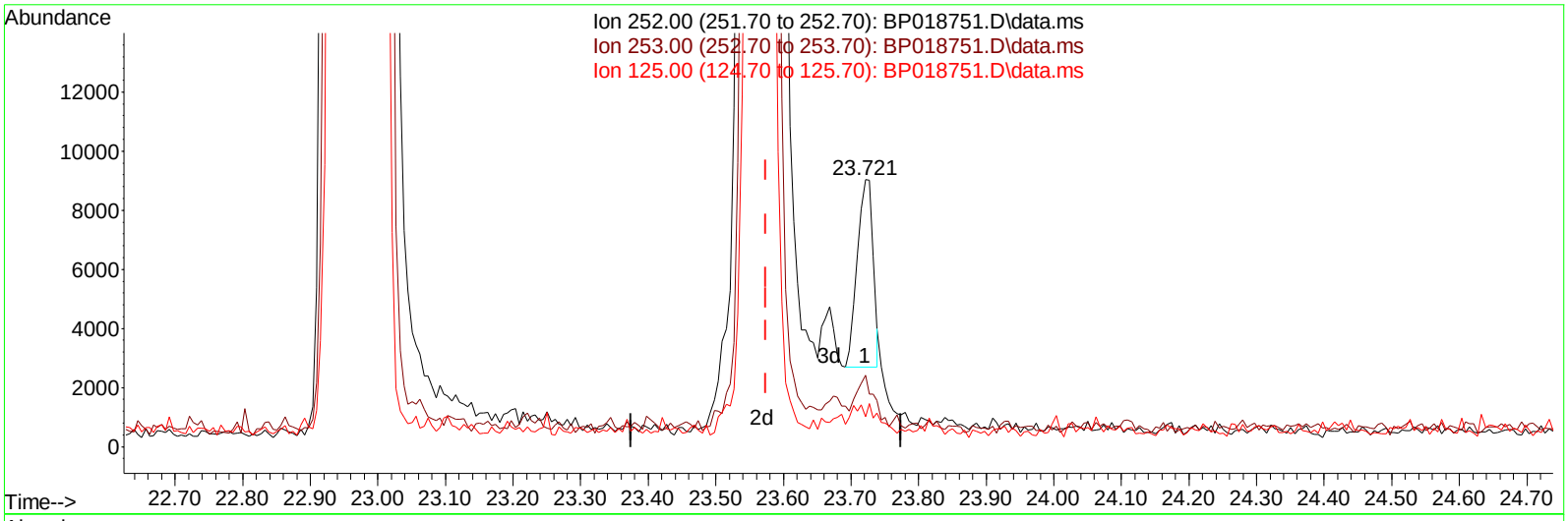
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121123\
Data File : BP018751.D
Acq On : 12 Dec 2023 05:01
Operator : MA/JU
Sample : PB157686BS
Misc :
ALS Vial : 29 Sample Multiplier: 1

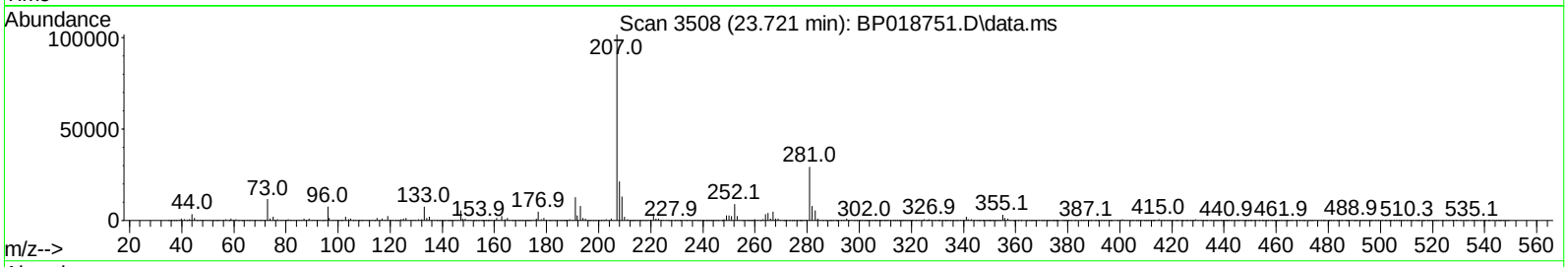
Quant Time: Dec 12 05:29:08 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120123.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Dec 11 22:02:13 2023
Response via : Initial Calibration

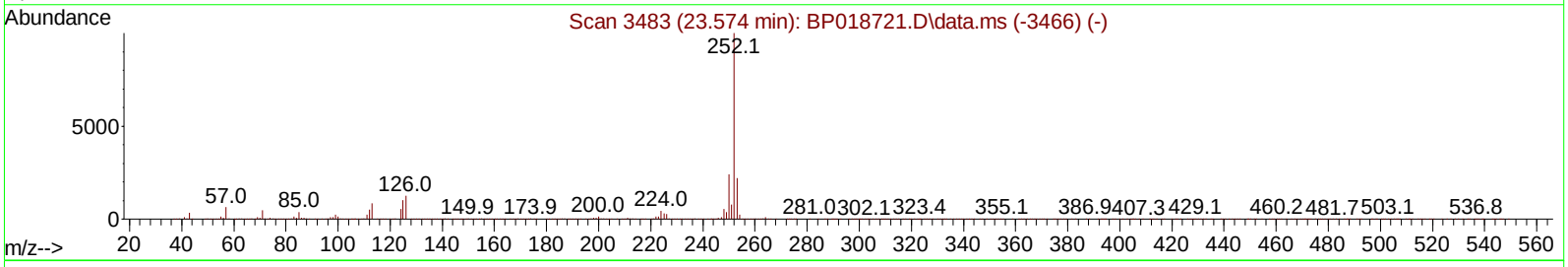
Instrument :
BNA_P
ClientSampleId :
SLCS686

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 12/13/2023
Supervised By :mohammad ahmed 12/14/2023







TIC: BP018751.D\data.ms

(93) Benzo(a)pyrene (C)

23.721min (+ 0.147) 0.15 ng/ul

response 10448

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	22.30	26.66
125.00	11.50	11.18
0.00	0.00	0.00

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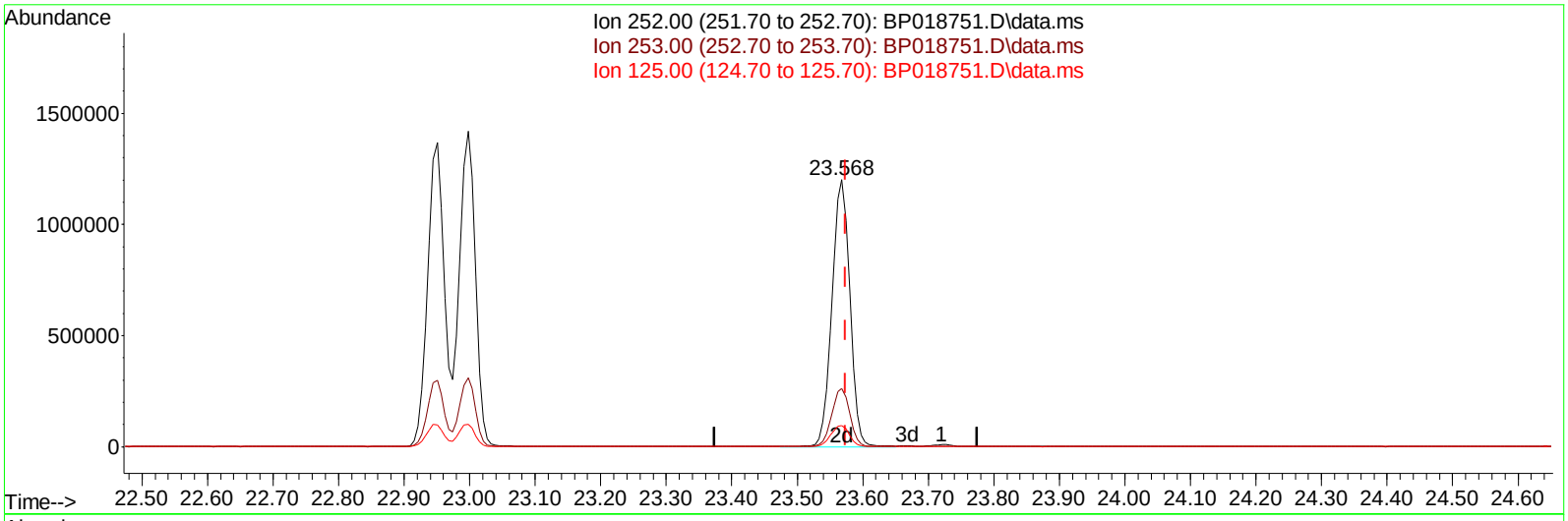

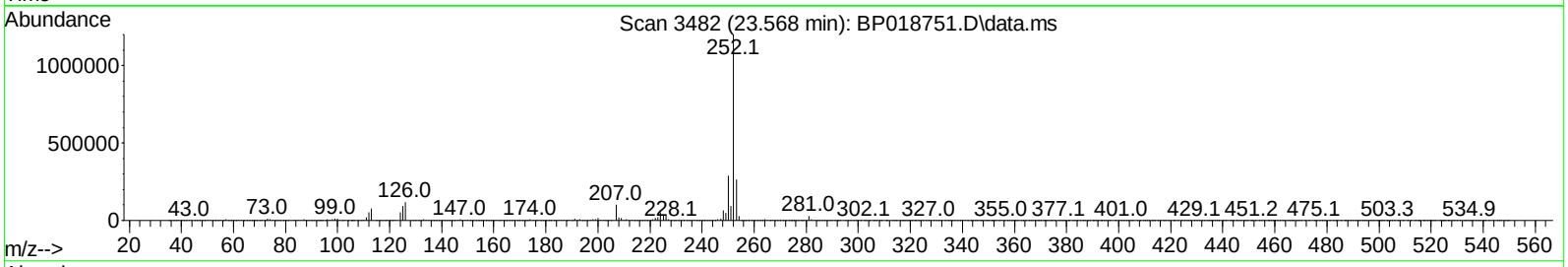

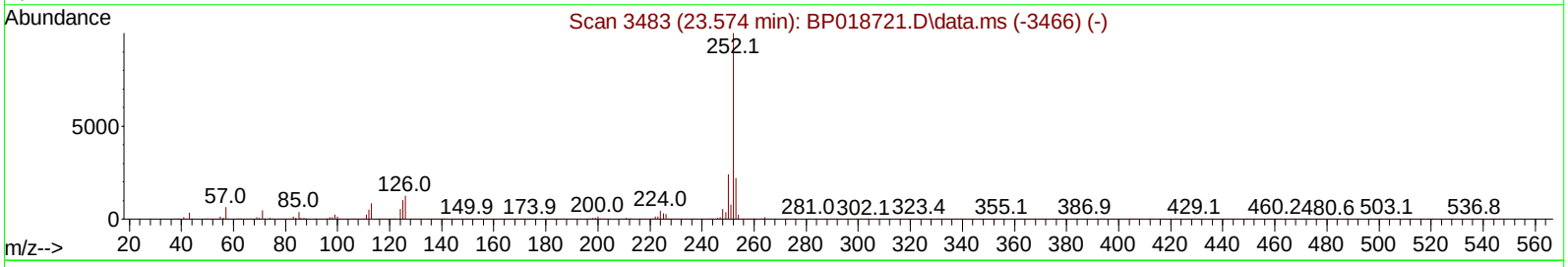

TIC: BP018751.D\data.ms

(93) Benzo(a)pyrene (C)

23.568min (-0.006) 32.62 ng/ul m

response 2269842

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	22.30	21.92
125.00	11.50	7.95#
0.00	0.00	0.00

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Operator : MA/JU
Sample : PB157686BS
Misc :
ALS Vial : 29 Sample Multiplier: 1

Quant Time: Dec 12 05:30:13 2023
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Manual IntegrationsAPPROVED

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.840	152	137397	20.000	ng/ul	0.00
20) Naphthalene-d8	10.634	136	523684	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.469	164	333891	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.216	188	764784	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.304	240	844131	20.000	ng/ul	# 0.00
88) Perylene-d12	23.668	264	1032857	20.000	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.263	96	23998	5.952	ng/uL	0.00
4) Pyridine-d5	3.675	84	313280	29.008	ng/ul	0.00
7) Phenol-d5	7.010	99	377903	27.408	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.175	67	219577	26.869	ng/ul	0.00
11) 2-Chlorophenol-d4	7.369	132	307679	28.597	ng/ul	0.00
15) 4-Methylphenol-d8	8.557	113	298159	26.720	ng/ul	0.00
21) Nitrobenzene-d5	9.004	128	144297	30.959	ng/ul	0.00
24) 2-Nitrophenol-d4	9.722	143	158972	32.898	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.257	165	321112	32.498	ng/ul	0.00
31) 4-Chloroaniline-d4	10.775	131	372931	28.879	ng/ul	0.00
46) Dimethylphthalate-d6	13.886	166	944045	31.679	ng/ul	0.00
49) Acenaphthylene-d8	14.163	160	1027057	31.299	ng/ul	0.00
54) 4-Nitrophenol-d4	14.674	143	165004	33.732	ng/ul	0.00
60) Fluorene-d10	15.463	176	796477	31.841	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.586	200	157550	34.357	ng/ul	0.00
73) Anthracene-d10	17.316	188	1251489	31.127	ng/ul	0.00
81) Pyrene-d10	19.551	212	1615866	24.591	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.521	264	1938576	32.190	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.293	88	48593	10.990	ng/uL	99
5) Pyridine	3.699	79	317709	29.131	ng/ul	98
6) Benzaldehyde	6.981	77	192767	27.078	ng/ul	98
8) Phenol	7.040	94	386497	28.583	ng/ul	94
10) Bis(2-Chloroethyl)ether	7.269	93	313761	28.254	ng/ul	99
12) 2-Chlorophenol	7.404	128	315242	28.951	ng/ul	99
13) 2-Methylphenol	8.287	108	288388	27.858	ng/ul	100
14) 2,2'-oxybis(1-Chloropr...	8.369	45	371029	26.332	ng/ul	98
16) Acetophenone	8.669	105	470321	28.282	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.657	70	225105	24.606	ng/ul	99
18) 4-Methylphenol	8.616	108	307676	27.219	ng/ul	99
19) Hexachloroethane	8.916	117	136704	30.624	ng/ul	84
22) Nitrobenzene	9.045	77	360162	31.782	ng/ul	99
23) Isophorone	9.569	82	651241	28.186	ng/ul	99
25) 2-Nitrophenol	9.757	139	170142	32.884	ng/ul	96
26) 2,4-Dimethylphenol	9.816	107	289304	28.590	ng/ul	94
27) Bis(2-Chloroethoxy)met...	10.057	93	408462	28.002	ng/ul	98
29) 2,4-Dichlorophenol	10.286	162	314874	33.083	ng/ul	98
30) Naphthalene	10.686	128	967301	30.448	ng/ul	99
32) 4-Chloroaniline	10.798	127	309715	25.164	ng/ul	98
33) Hexachlorobutadiene	10.969	225	255210	40.038	ng/ul	99
34) Caprolactam	11.581	113	93684	32.101	ng/ul	93
35) 4-Chloro-3-methylphenol	11.928	107	325349	30.514	ng/ul	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.298	142	669746	29.758	ng/ul	99
37) 1-Methylnaphthalene	12.516	142	660698	29.069	ng/ul#	99
39) 1,2,4,5-Tetrachloroben...	12.663	216	446858	36.888	ng/ul	99
40) Hexachlorocyclopentadiene	12.639	237	241236	33.597	ng/ul	98
41) 2,4,6-Trichlorophenol	12.904	196	268567	34.463	ng/ul	99
42) 2,4,5-Trichlorophenol	12.975	196	295826	35.015	ng/ul	97
43) 1,1'-Biphenyl	13.310	154	904614	31.327	ng/ul#	98
44) 2-Chloronaphthalene	13.345	162	737347	32.330	ng/ul	99
45) 2-Nitroaniline	13.557	65	199884	32.329	ng/ul	99
47) Dimethylphthalate	13.933	163	957245	32.633	ng/ul	99
48) 2,6-Dinitrotoluene	14.057	165	193139	34.850	ng/ul	91
50) Acenaphthylene	14.192	152	1163273	31.531	ng/ul	99
51) 3-Nitroaniline	14.380	138	180316	32.593	ng/ul	100
52) Acenaphthene	14.533	153	776214	31.821	ng/ul	98
53) 2,4-Dinitrophenol	14.586	184	105448	35.900	ng/ul	94
55) 4-Nitrophenol	14.686	109	155318	42.028	ng/ul#	79
56) Dibenzofuran	14.869	168	1103225	32.541	ng/ul	99
57) 2,4-Dinitrotoluene	14.839	165	283197	36.327	ng/ul	97
58) 2,3,4,6-Tetrachlorophenol	15.092	232	262080	36.982	ng/ul	94
59) Diethylphthalate	15.298	149	939874	32.743	ng/ul	99
61) Fluorene	15.516	166	885446	33.006	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.516	204	496712	35.304	ng/ul	95
63) 4-Nitroaniline	15.545	138	191476	36.330	ng/ul#	85
66) 4,6-Dinitro-2-methylph...	15.598	198	174923	35.679	ng/ul	95
67) N-Nitrosodiphenylamine	15.727	169	765010	30.187	ng/ul	98
68) 4-Bromophenyl-phenylether	16.410	248	331583	34.343	ng/ul	96
69) Hexachlorobenzene	16.516	284	401969	37.289	ng/ul	97
70) Atrazine	16.686	200	217001	28.801	ng/ul	99
71) Pentachlorophenol	16.863	266	234632	36.598	ng/ul	99
72) Phenanthrene	17.263	178	1493250	32.329	ng/ul	100
74) Anthracene	17.351	178	1490569	32.194	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.269	216	448233	33.896	ng/uL	98
76) Pentachlorobenzene	14.786	250	459601	35.382	ng/uL	99
77) Carbazole	17.627	167	1339950	36.313	ng/ul	100
78) Di-n-butylphthalate	18.180	149	1597663	32.516	ng/ul	99
80) Fluoranthene	19.227	202	1906678	24.548	ng/ul#	93
82) Pyrene	19.580	202	1961499	25.033	ng/ul#	91
83) Butylbenzylphthalate	20.462	149	752345	26.228	ng/ul	94
84) 3,3'-Dichlorobenzidine	21.227	252	727370	35.459	ng/ul	98
85) Benzo(a)anthracene	21.292	228	2201360	32.129	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.221	149	1113574	28.244	ng/ul#	99
87) Chrysene	21.345	228	2027758	32.137	ng/ul	100
89) Di-n-octyl phthalate	22.133	149	1995458	26.461	ng/ul	100
90) Benzo(b)fluoranthene	22.951	252	2436722	31.998	ng/ul#	97
91) Benzo(k)fluoranthene	22.998	252	2307999	31.323	ng/ul#	97
93) Benzo(a)pyrene	23.568	252	2269842m	32.620	ng/ul	
94) Indeno(1,2,3-cd)pyrene	26.127	276	2985856	35.914	ng/ul#	92
95) Dibenzo(a,h)anthracene	26.150	278	2493587	36.055	ng/ul#	94
96) Benzo(g,h,i)perylene	26.886	276	2389300	35.711	ng/ul#	93

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

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