Quantitation Report (Qedit)

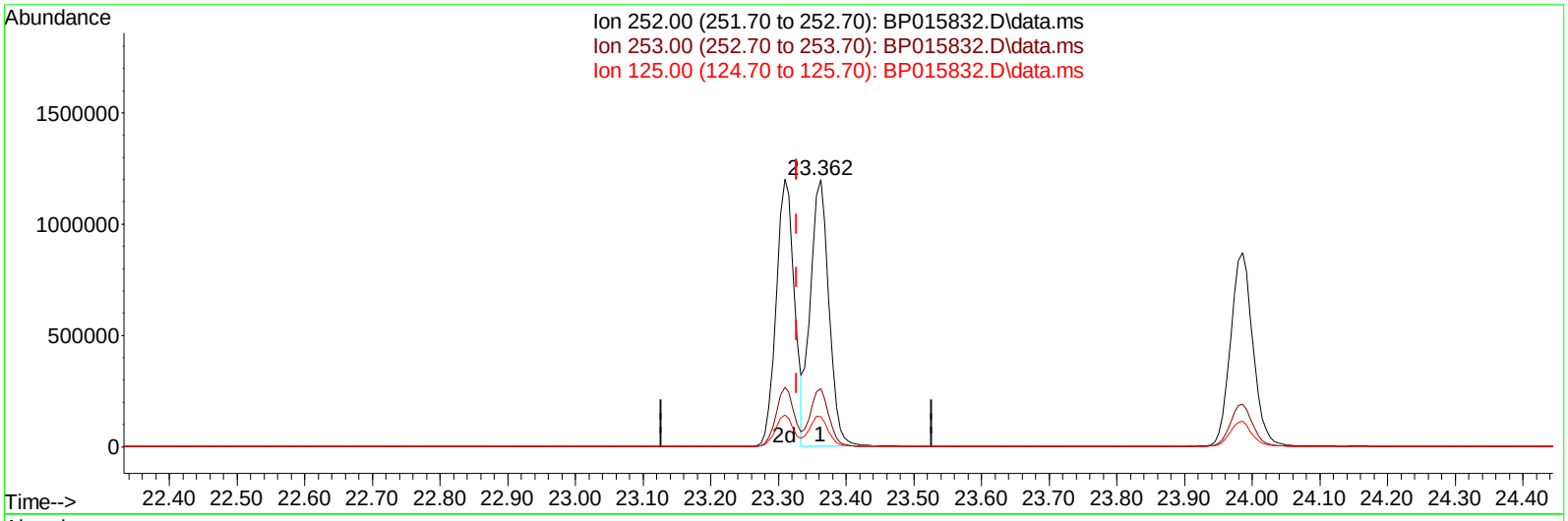
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062923\
Data File : BP015832.D
Acq On : 30 Jun 2023 03:40
Operator : MA/JU
Sample : PB153514BS
Misc :
ALS Vial : 36 Sample Multiplier: 1

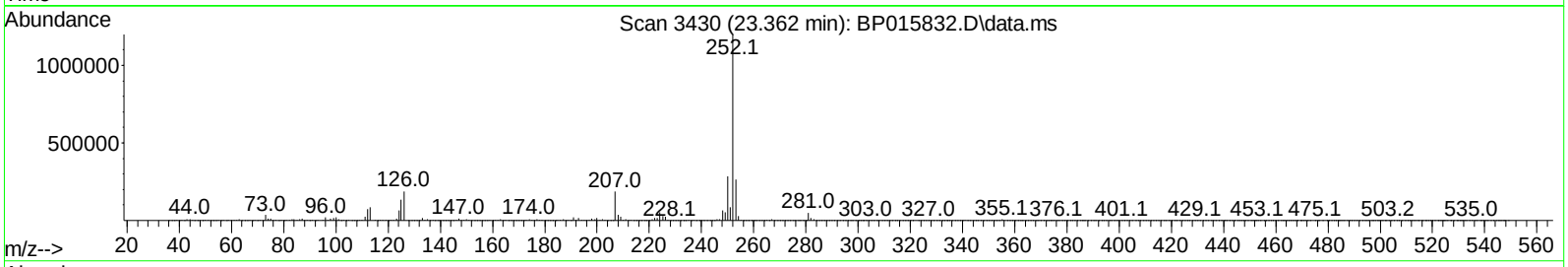
Quant Time: Jun 30 04:55:09 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062623.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jun 29 02:30:23 2023
Response via : Initial Calibration

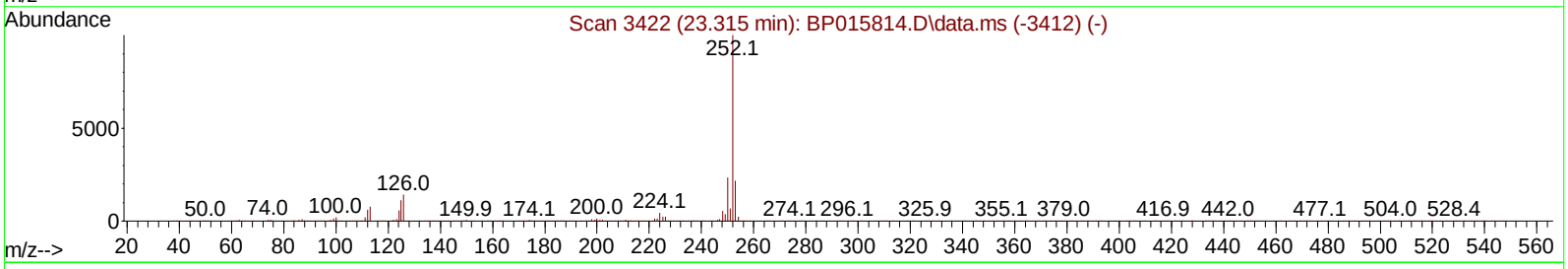
Instrument :
BNA_P
ClientSampleId :
SLCS514

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 06/30/2023
Supervised By :mohammad ahmed 06/30/2023







TIC: BP015832.D\data.ms

(90) Benzo(b)fluoranthene

23.362min (+ 0.035) 34.02 ng/ul

response 2274682

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	21.60	21.93
125.00	9.40	11.14
0.00	0.00	0.00

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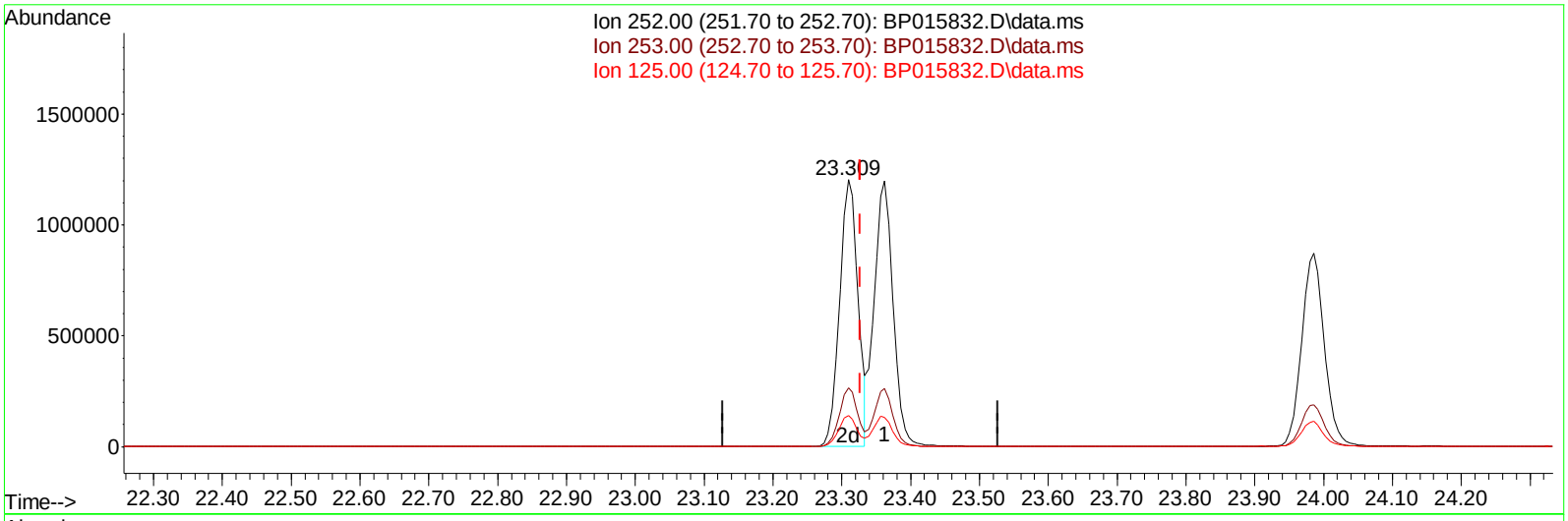

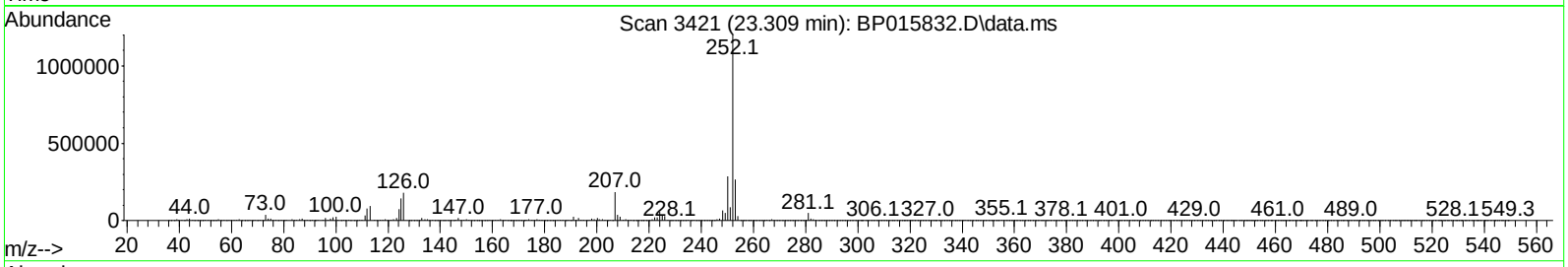

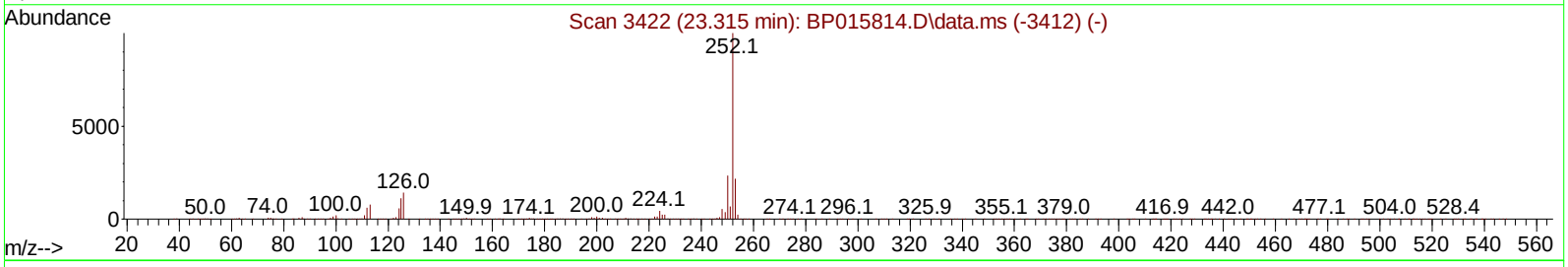

TIC: BP015832.D\data.ms

(90) Benzo(b)fluoranthene

23.309min (-0.018) 33.51 ng/ul m

response 2240667

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	21.60	22.15
125.00	9.40	11.78#
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	8.051	152	269056	20.000	ng/ul	-0.01
20) Naphthalene-d8	10.875	136	1200211	20.000	ng/ul	#-0.02
38) Acenaphthene-d10	14.704	164	717708	20.000	ng/ul	-0.01
64) Phenanthrene-d10	17.463	188	1476791	20.000	ng/ul	#-0.01
79) Chrysene-d12	21.551	240	991538	20.000	ng/ul	#-0.01
88) Perylene-d12	24.098	264	1040636	20.000	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.375	96	45521	6.087	ng/uL	-0.01
4) Pyridine-d5	3.816	84	661963	35.115	ng/ul	-0.01
7) Phenol-d5	7.222	99	878369	38.155	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.375	67	573424	40.262	ng/ul	-0.01
11) 2-Chlorophenol-d4	7.581	132	684179	39.371	ng/ul	-0.01
15) 4-Methylphenol-d8	8.781	113	712244	39.164	ng/ul	0.00
21) Nitrobenzene-d5	9.240	128	340702	37.144	ng/ul	0.00
24) 2-Nitrophenol-d4	9.963	143	380807	35.572	ng/ul	-0.01
28) 2,4-Dichlorophenol-d3	10.510	165	669001	35.069	ng/ul	-0.01
31) 4-Chloroaniline-d4	11.034	131	890827	36.351	ng/ul	0.00
46) Dimethylphthalate-d6	14.110	166	1990870	35.889	ng/ul	-0.01
49) Acenaphthylene-d8	14.398	160	2281939	36.593	ng/ul	-0.01
54) 4-Nitrophenol-d4	14.945	143	276007	37.703	ng/ul	0.00
60) Fluorene-d10	15.698	176	1642826	35.966	ng/ul	-0.01
65) 4,6-Dinitro-2-methylph...	15.851	200	287443	31.649	ng/ul	0.00
73) Anthracene-d10	17.563	188	2447609	36.284	ng/ul	-0.01
81) Pyrene-d10	19.792	212	2519719	38.917	ng/ul	-0.01
92) Benzo(a)pyrene-d12	23.927	264	1965268	37.438	ng/ul	-0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.416	88	94265	11.713	ng/uL	96
5) Pyridine	3.840	79	623645	31.624	ng/ul	96
6) Benzaldehyde	7.193	77	495311	53.217	ng/ul	95
8) Phenol	7.251	94	890001	37.255	ng/ul	89
10) Bis(2-Chloroethyl)ether	7.469	93	711832	37.451	ng/ul	99
12) 2-Chlorophenol	7.616	128	658622	35.674	ng/ul	99
13) 2-Methylphenol	8.510	108	675547	37.454	ng/ul	96
14) 2,2'-oxybis(1-Chloropr...	8.587	45	1049839	40.440	ng/ul	97
16) Acetophenone	8.893	105	1052800	35.216	ng/ul	98
17) N-Nitroso-di-n-propyla...	8.875	70	585637	35.271	ng/ul	99
18) 4-Methylphenol	8.851	108	726153	37.470	ng/ul	96
19) Hexachloroethane	9.134	117	278278	32.635	ng/ul	91
22) Nitrobenzene	9.281	77	861241	33.436	ng/ul	97
23) Isophorone	9.804	82	1663214	33.742	ng/ul	99
25) 2-Nitrophenol	9.998	139	386427	34.012	ng/ul#	90
26) 2,4-Dimethylphenol	10.051	107	775178	31.037	ng/ul	96
27) Bis(2-Chloroethoxy)met...	10.281	93	1001361	35.986	ng/ul	98
29) 2,4-Dichlorophenol	10.539	162	638945	33.689	ng/ul	99
30) Naphthalene	10.928	128	2175037	33.336	ng/ul	100
32) 4-Chloroaniline	11.057	127	780434	30.652	ng/ul	97
33) Hexachlorobutadiene	11.192	225	392404	27.397	ng/ul	99
34) Caprolactam	11.863	113	223441	38.515	ng/ul	94
35) 4-Chloro-3-methylphenol	12.186	107	743769	33.502	ng/ul	98

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Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
36) 2-Methylnaphthalene	12.533	142	1428101	33.249 ng/ul	97
37) 1-Methylnaphthalene	12.751	142	1455012	33.207 ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.904	216	751909	31.792 ng/ul	99
40) Hexachlorocyclopentadiene	12.863	237	127977	18.087 ng/ul	99
41) 2,4,6-Trichlorophenol	13.151	196	490711	32.830 ng/ul	99
42) 2,4,5-Trichlorophenol	13.239	196	541667	34.166 ng/ul	99
43) 1,1'-Biphenyl	13.533	154	1918938	33.756 ng/ul#	98
44) 2-Chloronaphthalene	13.586	162	1504615	33.598 ng/ul	98
45) 2-Nitroaniline	13.810	65	506054	35.913 ng/ul	92
47) Dimethylphthalate	14.157	163	1891554	32.948 ng/ul	99
48) 2,6-Dinitrotoluene	14.298	165	406665	34.921 ng/ul	96
50) Acenaphthylene	14.428	152	2349599	34.195 ng/ul	100
51) 3-Nitroaniline	14.639	138	404871	44.335 ng/ul	98
52) Acenaphthene	14.769	153	1610824	33.807 ng/ul	98
53) 2,4-Dinitrophenol	14.869	184	163792	26.511 ng/ul	90
55) 4-Nitrophenol	14.963	109	203491	26.824 ng/ul#	79
56) Dibenzofuran	15.104	168	2192866	33.153 ng/ul	96
57) 2,4-Dinitrotoluene	15.098	165	557722	35.144 ng/ul	99
58) 2,3,4,6-Tetrachlorophenol	15.339	232	430536	31.616 ng/ul	99
59) Diethylphthalate	15.516	149	1944803	33.475 ng/ul	99
61) Fluorene	15.757	166	1790171	33.368 ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.739	204	869800	31.684 ng/ul	96
63) 4-Nitroaniline	15.810	138	350251	56.038 ng/ul#	81
66) 4,6-Dinitro-2-methylph...	15.869	198	275248	29.954 ng/ul	98
67) N-Nitrosodiphenylamine	15.963	169	1539176	34.815 ng/ul	99
68) 4-Bromophenyl-phenylether	16.639	248	538242	31.917 ng/ul	92
69) Hexachlorobenzene	16.763	284	617752	31.045 ng/ul	97
70) Atrazine	16.916	200	397505	23.489 ng/ul	97
71) Pentachlorophenol	17.121	266	286179	29.966 ng/ul	96
72) Phenanthrene	17.510	178	2763463	34.445 ng/ul	100
74) Anthracene	17.598	178	2769322	34.353 ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.504	216	747709	31.115 ng/uL	99
76) Pentachlorobenzene	15.022	250	739409	30.487 ng/uL	99
77) Carbazole	17.880	167	2484612	36.567 ng/ul	99
78) Di-n-butylphthalate	18.392	149	3335407	37.028 ng/ul	99
80) Fluoranthene	19.468	202	2934052	36.463 ng/ul#	94
82) Pyrene	19.821	202	2943398	35.860 ng/ul#	90
83) Butylbenzylphthalate	20.668	149	1402631	41.886 ng/ul	97
84) 3,3'-Dichlorobenzidine	21.462	252	794545	35.448 ng/ul	98
85) Benzo(a)anthracene	21.533	228	2414657	34.619 ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.415	149	2028061	44.068 ng/ul	99
87) Chrysene	21.592	228	2283616	34.508 ng/ul	99
89) Di-n-octyl phthalate	22.380	149	3239079	42.591 ng/ul	100
90) Benzo(b)fluoranthene	23.309	252	2240667m	33.510 ng/ul	
91) Benzo(k)fluoranthene	23.362	252	2274682	33.670 ng/ul#	97
93) Benzo(a)pyrene	23.986	252	2002108	34.267 ng/ul#	97
94) Indeno(1,2,3-cd)pyrene	26.797	276	2678385	33.769 ng/ul#	90
95) Dibenzo(a,h)anthracene	26.803	278	2213149	33.971 ng/ul#	95
96) Benzo(g,h,i)perylene	27.633	276	2185680	33.497 ng/ul#	94

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

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