Quantitation Report (Qedit)

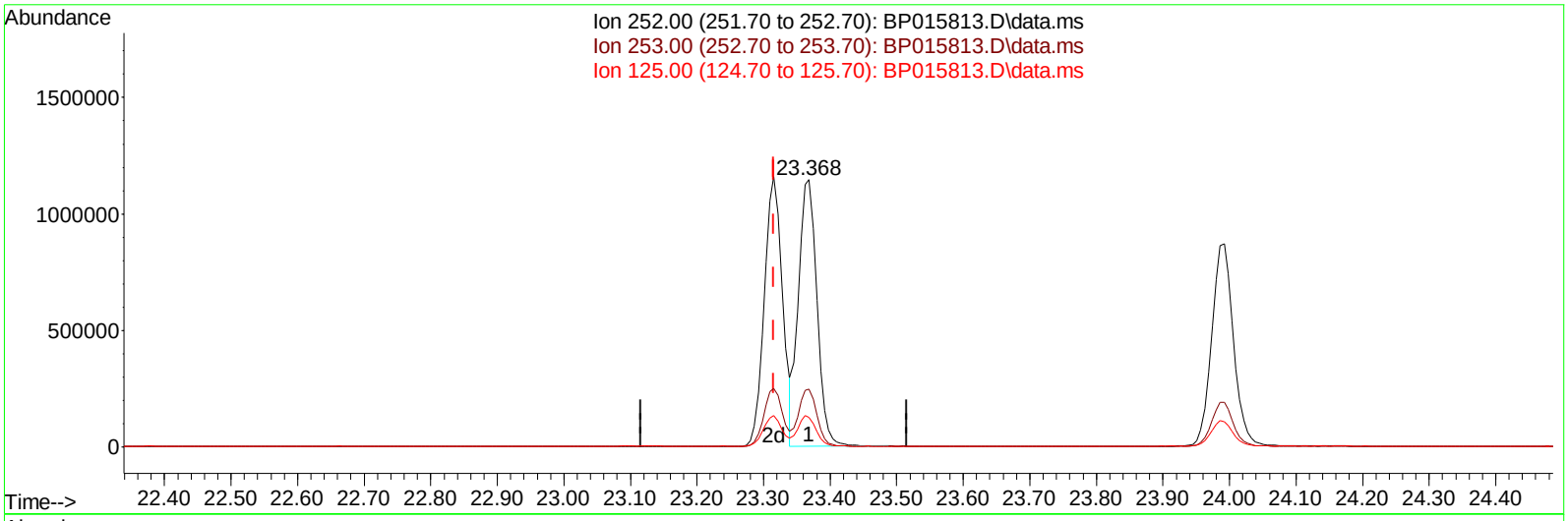
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062923\
Data File : BP015813.D
Acq On : 29 Jun 2023 16:21
Operator : MA/JU
Sample : PB153627BS
Misc :
ALS Vial : 18 Sample Multiplier: 1

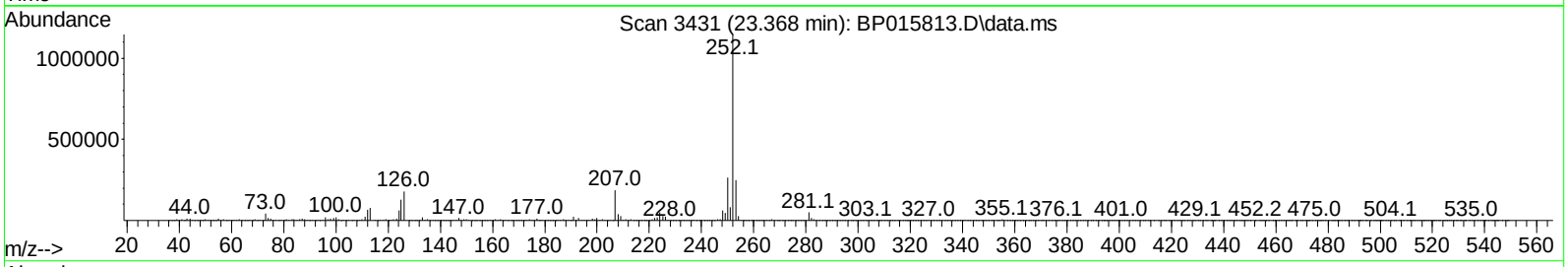
Quant Time: Jun 29 22:27:33 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062623.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jun 29 02:30:23 2023
Response via : Initial Calibration

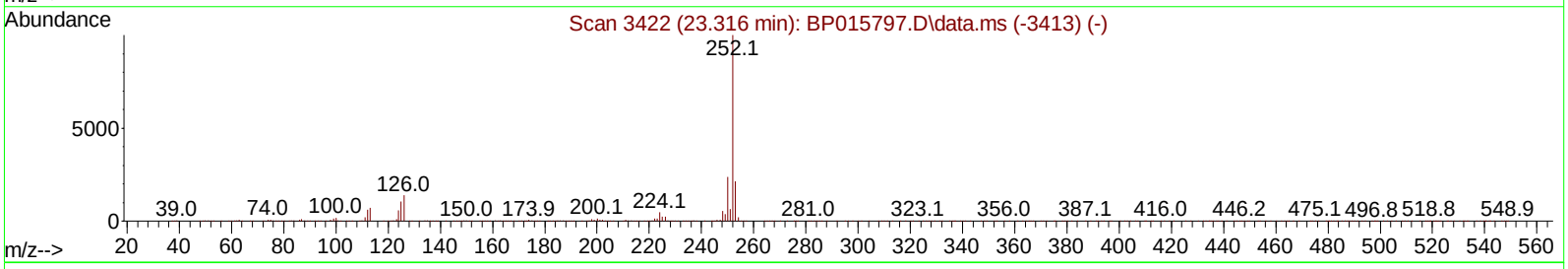
Instrument :
BNA_P
ClientSampleId :
SLCS627

Manual IntegrationsAPPROVED

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







TIC: BP015813.D\data.ms

(90) Benzo(b)fluoranthene

23.368min (+ 0.053) 35.34 ng/ul

response 2226695

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	21.60	21.66
125.00	9.40	11.10
0.00	0.00	0.00

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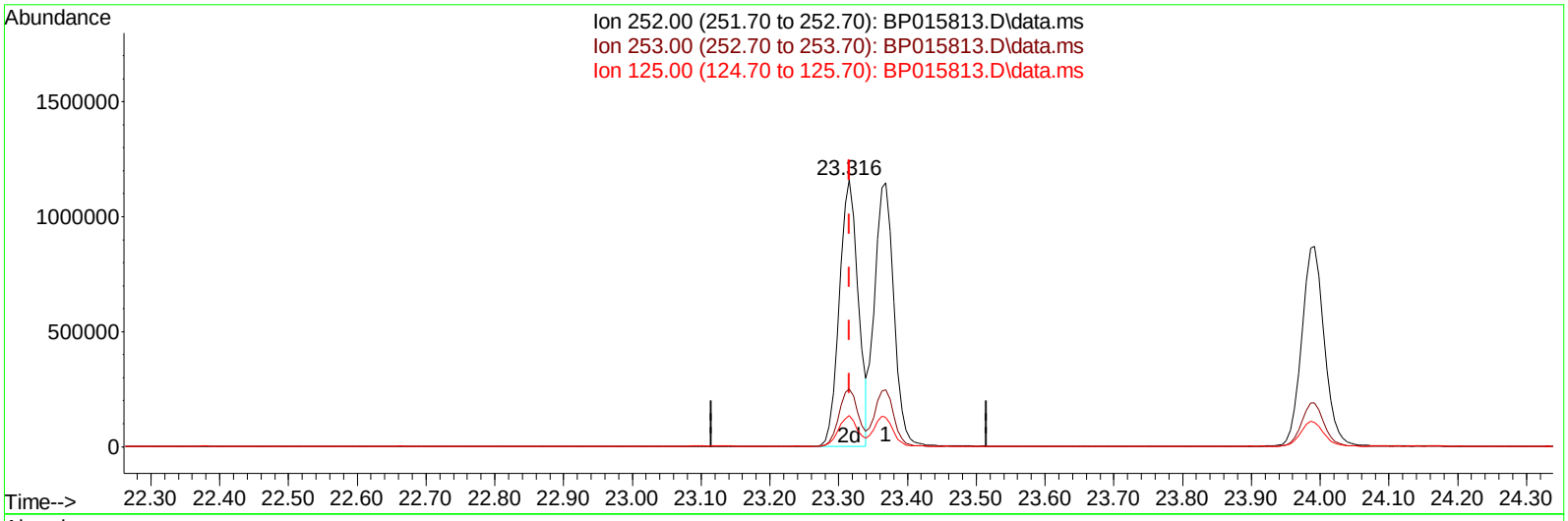

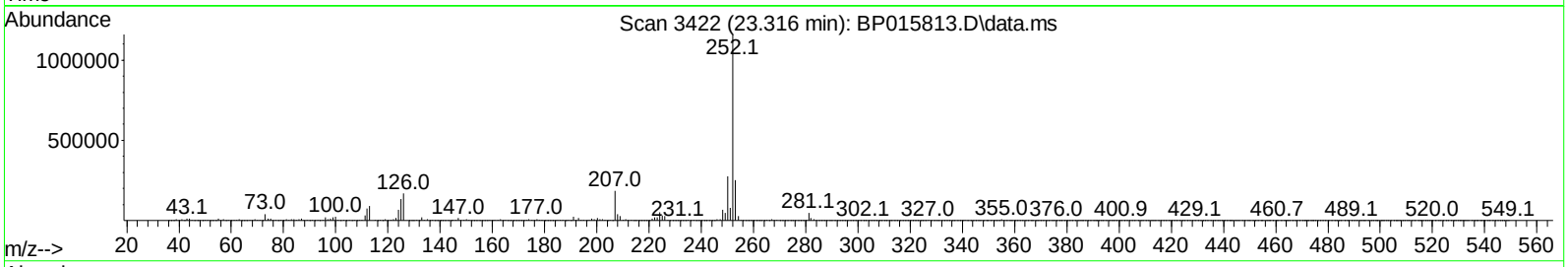

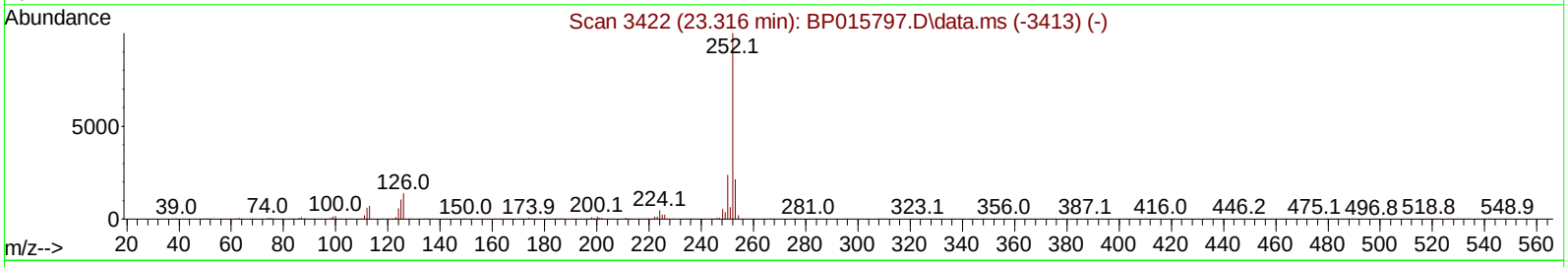

TIC: BP015813.D\data.ms

(90) Benzo(b)fluoranthene

23.316min (-0.000) 35.01 ng/ul m

response 2206141

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	21.60	21.67
125.00	9.40	11.64#
0.00	0.00	0.00

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Acq On : 29 Jun 2023 16:21
Operator : MA/JU
Sample : PB153627BS
Misc :
ALS Vial : 18 Sample Multiplier: 1

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Quant Title : SVOA CALIBRATION
QLast Update : Thu Jun 29 02:30:23 2023
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.058	152	280866	20.000	ng/ul	0.00
20) Naphthalene-d8	10.881	136	1191902	20.000	ng/ul	# 0.00
38) Acenaphthene-d10	14.704	164	676126	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.469	188	1308572	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.557	240	836142	20.000	ng/ul	# 0.00
88) Perylene-d12	24.104	264	980625	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.381	96	48684	6.236	ng/uL	0.00
4) Pyridine-d5	3.822	84	681101	34.611	ng/ul	0.00
7) Phenol-d5	7.228	99	934267	38.877	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.381	67	615065	41.369	ng/ul	0.00
11) 2-Chlorophenol-d4	7.587	132	726039	40.023	ng/ul	0.00
15) 4-Methylphenol-d8	8.787	113	735748	38.755	ng/ul	0.00
21) Nitrobenzene-d5	9.240	128	357930	39.294	ng/ul	0.00
24) 2-Nitrophenol-d4	9.969	143	396340	37.281	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.516	165	691071	36.478	ng/ul	0.00
31) 4-Chloroaniline-d4	11.034	131	924535	37.990	ng/ul	0.00
46) Dimethylphthalate-d6	14.116	166	1957520	37.458	ng/ul	0.00
49) Acenaphthylene-d8	14.398	160	2244652	38.209	ng/ul	0.00
54) 4-Nitrophenol-d4	14.945	143	271317	39.342	ng/ul	0.00
60) Fluorene-d10	15.698	176	1580968	36.741	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.851	200	276603	34.371	ng/ul	0.00
73) Anthracene-d10	17.569	188	2235888	37.406	ng/ul	0.00
81) Pyrene-d10	19.792	212	2204706	40.380	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.933	264	1946351	39.346	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.417	88	105096	12.510	ng/uL	99
5) Pyridine	3.840	79	687934	33.417	ng/ul	98
6) Benzaldehyde	7.199	77	548796	56.485	ng/ul	95
8) Phenol	7.258	94	943733	37.843	ng/ul	89
10) Bis(2-Chloroethyl)ether	7.475	93	756044	38.104	ng/ul	98
12) 2-Chlorophenol	7.616	128	704911	36.576	ng/ul	98
13) 2-Methylphenol	8.516	108	700898	37.225	ng/ul	96
14) 2,2'-oxybis(1-Chloropr...	8.593	45	1101545	40.647	ng/ul	98
16) Acetophenone	8.899	105	1118475	35.840	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.875	70	608683	35.118	ng/ul	98
18) 4-Methylphenol	8.852	108	758306	37.484	ng/ul	99
19) Hexachloroethane	9.134	117	301231	33.842	ng/ul	89
22) Nitrobenzene	9.281	77	901631	35.248	ng/ul	96
23) Isophorone	9.810	82	1690959	34.544	ng/ul	98
25) 2-Nitrophenol	9.999	139	404905	35.887	ng/ul#	92
26) 2,4-Dimethylphenol	10.057	107	766949	30.922	ng/ul	95
27) Bis(2-Chloroethoxy)met...	10.287	93	1027804	37.194	ng/ul	98
29) 2,4-Dichlorophenol	10.546	162	653416	34.692	ng/ul	98
30) Naphthalene	10.934	128	2252098	34.758	ng/ul	99
32) 4-Chloroaniline	11.057	127	820651	32.457	ng/ul	98
33) Hexachlorobutadiene	11.199	225	406406	28.573	ng/ul	99
34) Caprolactam	11.863	113	220082	38.200	ng/ul	93
35) 4-Chloro-3-methylphenol	12.187	107	744518	33.770	ng/ul	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.540	142	1446319	33.908	ng/ul	97
37) 1-Methylnaphthalene	12.757	142	1464890	33.666	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.904	216	758866	34.059	ng/ul	99
40) Hexachlorocyclopentadiene	12.863	237	134719	20.211	ng/ul	98
41) 2,4,6-Trichlorophenol	13.157	196	476570	33.845	ng/ul	99
42) 2,4,5-Trichlorophenol	13.240	196	523919	35.079	ng/ul	97
43) 1,1'-Biphenyl	13.540	154	1910380	35.672	ng/ul	97
44) 2-Chloronaphthalene	13.587	162	1505357	35.682	ng/ul	98
45) 2-Nitroaniline	13.810	65	501449	37.775	ng/ul	90
47) Dimethylphthalate	14.163	163	1857917	34.353	ng/ul	99
48) 2,6-Dinitrotoluene	14.298	165	395509	36.051	ng/ul	94
50) Acenaphthylene	14.428	152	2303126	35.580	ng/ul	99
51) 3-Nitroaniline	14.640	138	394477	45.853	ng/ul	98
52) Acenaphthene	14.769	153	1584170	35.293	ng/ul	98
53) 2,4-Dinitrophenol	14.869	184	153985	26.456	ng/ul	87
55) 4-Nitrophenol	14.963	109	196689	27.522	ng/ul#	76
56) Dibenzofuran	15.104	168	2132679	34.226	ng/ul	96
57) 2,4-Dinitrotoluene	15.098	165	534097	35.726	ng/ul	99
58) 2,3,4,6-Tetrachlorophenol	15.345	232	392394	30.587	ng/ul	99
59) Diethylphthalate	15.516	149	1900050	34.716	ng/ul	98
61) Fluorene	15.757	166	1732963	34.288	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.739	204	854043	33.024	ng/ul	97
63) 4-Nitroaniline	15.810	138	339735	57.699	ng/ul#	82
66) 4,6-Dinitro-2-methylph...	15.869	198	262538	32.243	ng/ul	99
67) N-Nitrosodiphenylamine	15.963	169	1478158	37.733	ng/ul	99
68) 4-Bromophenyl-phenylether	16.639	248	525532	35.169	ng/ul	92
69) Hexachlorobenzene	16.769	284	582493	33.036	ng/ul	98
70) Atrazine	16.922	200	289242	19.289	ng/ul	98
71) Pentachlorophenol	17.128	266	253590	29.967	ng/ul	97
72) Phenanthrene	17.510	178	2552587	35.907	ng/ul	100
74) Anthracene	17.604	178	2544915	35.627	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.510	216	751795	35.307	ng/uL	100
76) Pentachlorobenzene	15.028	250	729897	33.964	ng/uL	99
77) Carbazole	17.881	167	2255975	37.470	ng/ul	99
78) Di-n-butylphthalate	18.392	149	3156645	39.548	ng/ul	99
80) Fluoranthene	19.469	202	2593067	38.215	ng/ul#	93
82) Pyrene	19.822	202	2584866	37.344	ng/ul#	90
83) Butylbenzylphthalate	20.669	149	1228773	43.514	ng/ul	96
84) 3,3'-Dichlorobenzidine	21.469	252	681333	36.046	ng/ul	99
85) Benzo(a)anthracene	21.539	228	2175334	36.984	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.422	149	1726527	44.489	ng/ul	99
87) Chrysene	21.598	228	2057454	36.869	ng/ul	99
89) Di-n-octyl phthalate	22.386	149	2719752	37.951	ng/ul	100
90) Benzo(b)fluoranthene	23.316	252	2206141m	35.013	ng/ul	
91) Benzo(k)fluoranthene	23.368	252	2226695	34.976	ng/ul#	98
93) Benzo(a)pyrene	23.992	252	1993767	36.213	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	26.804	276	2699289	36.115	ng/ul#	91
95) Dibenzo(a,h)anthracene	26.809	278	2244984	36.569	ng/ul#	95
96) Benzo(g,h,i)perylene	27.639	276	2219142	36.091	ng/ul#	95

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

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