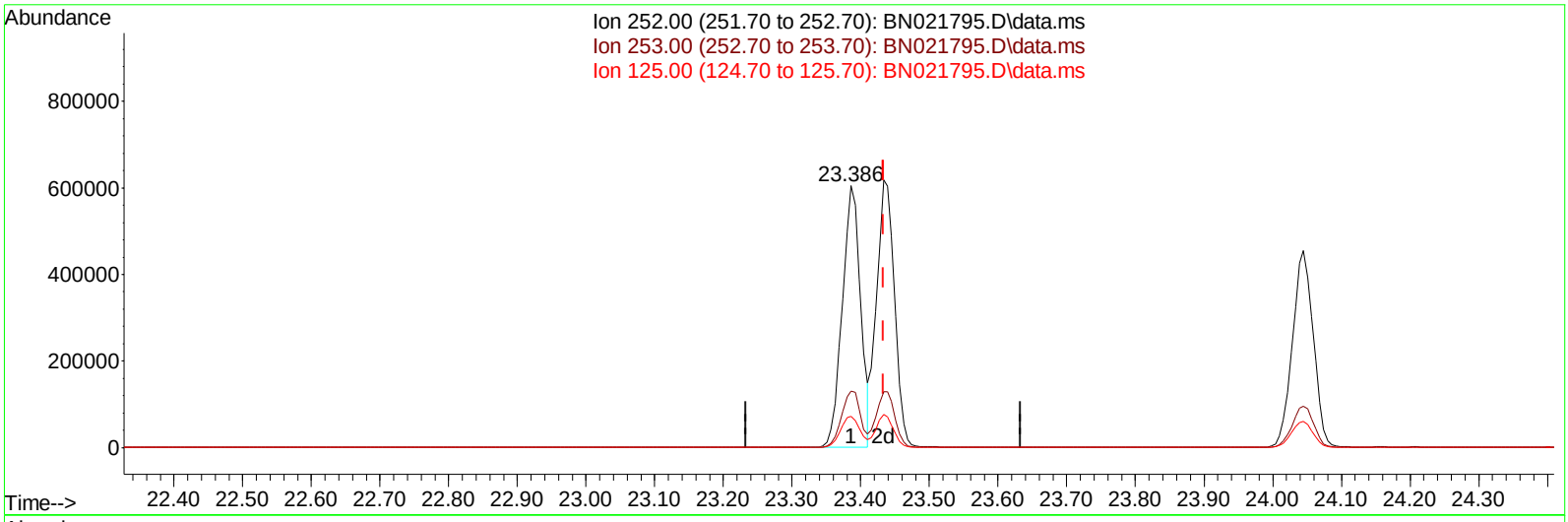
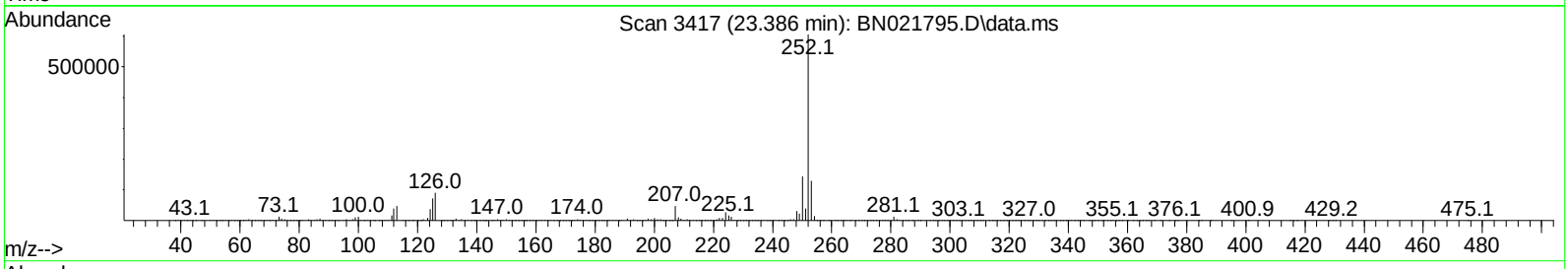
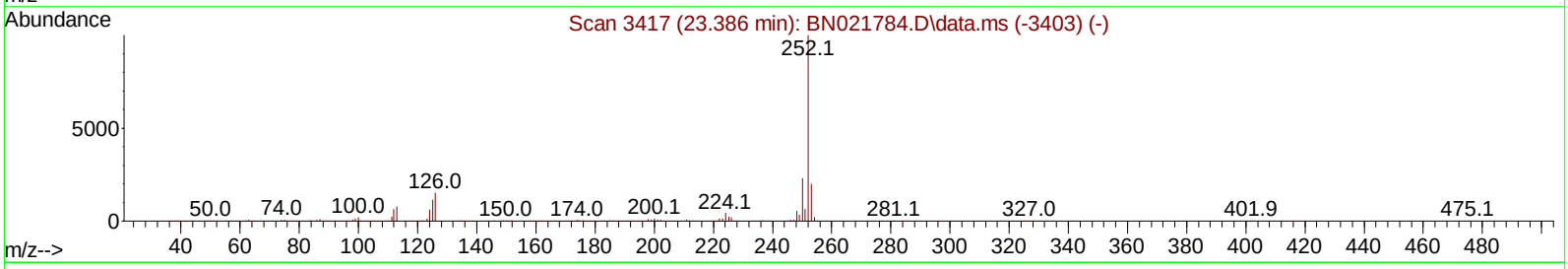
Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN091622\
Data File : BN021795.D
Acq On : 16 Sep 2022 19:01
Operator : CG/JU
Sample : PB147637BS
Misc :
ALS Vial : 13 Sample Multiplier: 1

Quant Time: Sep 17 00:24:46 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN081922.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Sep 17 00:17:38 2022
Response via : Initial Calibration







TIC: BN021795.D\data.ms

(91) Benzo(k)fluoranthene

23.386min (-0.047) 40.13 ng/ul

response 1112328

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	22.80	21.46
125.00	10.30	12.02
0.00	0.00	0.00

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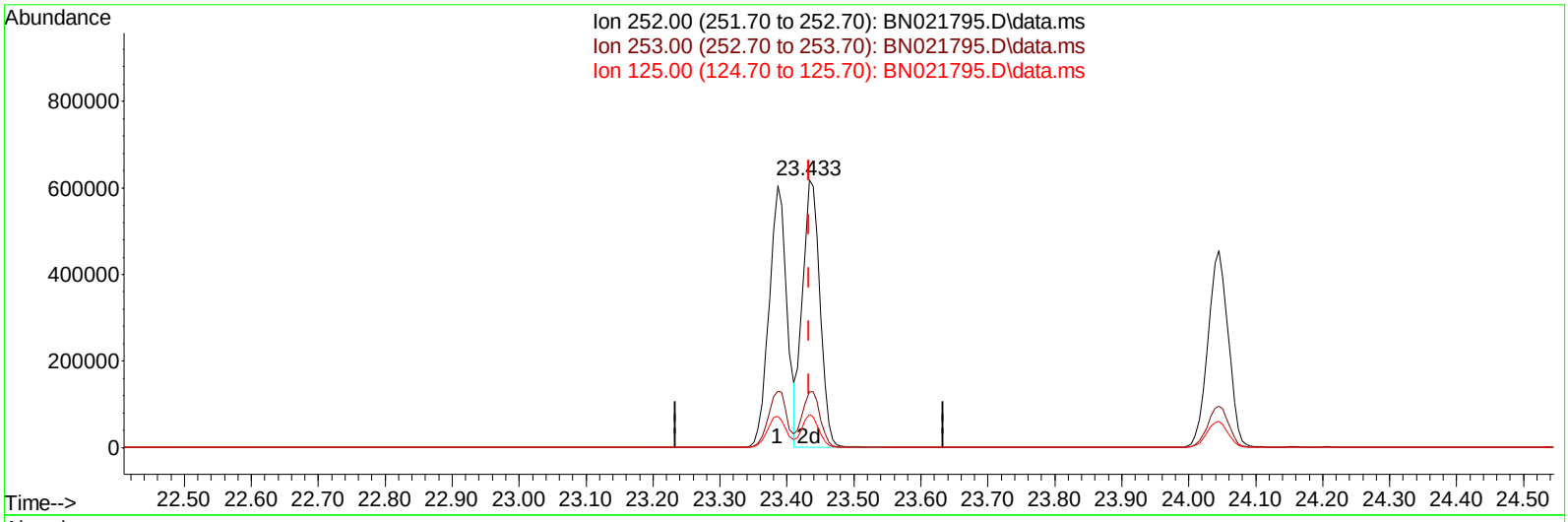

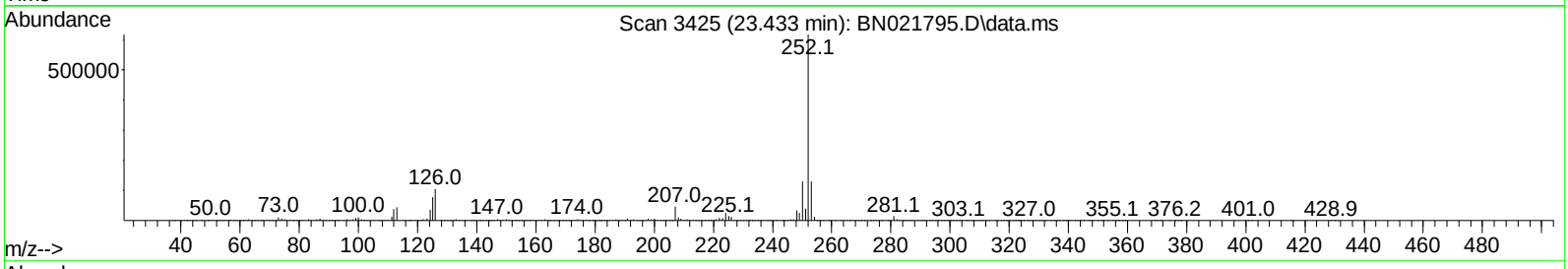

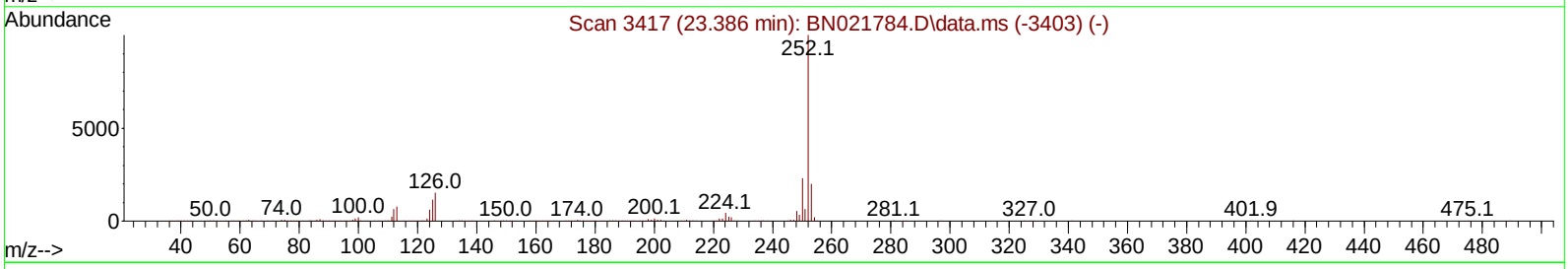

TIC: BN021795.D\data.ms

(91) Benzo(k)fluoranthene

23.433min (-0.000) 40.57 ng/ul m

response 1124555

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	22.80	21.01
125.00	10.30	12.41#
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	8.052	152	158686	20.000	ng/ul	0.00
20) Naphthalene-d8	10.881	136	711175	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.710	164	437197	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.457	188	836242	20.000	ng/ul	0.00
79) Chrysene-d12	21.651	240	584903	20.000	ng/ul	0.00
88) Perylene-d12	24.151	264	509277	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.358	96	3227	0.764	ng/uL	0.00
4) Pyridine-d5	3.799	84	8182	0.710	ng/ul	0.01
7) Phenol-d5	7.205	99	5474	0.380	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.375	67	3770	0.433	ng/ul	0.00
11) 2-Chlorophenol-d4	7.575	132	4855	0.464	ng/ul	0.00
15) 4-Methylphenol-d8	8.769	113	4432	0.392	ng/ul	0.00
21) Nitrobenzene-d5	9.228	128	2232	0.461	ng/ul	0.00
24) 2-Nitrophenol-d4	9.951	143	2210	0.511	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.522	165	20360	2.124	ng/ul	0.03
31) 4-Chloroaniline-d4	11.022	131	8730	0.536	ng/ul	0.00
46) Dimethylphthalate-d6	14.116	166	14285	0.478	ng/ul	0.00
49) Acenaphthylene-d8	14.398	160	15985	0.459	ng/ul	0.00
54) 4-Nitrophenol-d4	14.904	143	3011	0.506	ng/ul	0.00
60) Fluorene-d10	15.698	176	13090	0.503	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.822	200	4158	1.243	ng/ul	0.01
73) Anthracene-d10	17.557	188	20374	0.553	ng/ul	0.00
81) Pyrene-d10	19.851	212	20484	0.736	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.986	264	13546	0.561	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.393	88	49793	11.439	ng/uL	94
5) Pyridine	3.811	79	333556	28.779	ng/ul#	83
6) Benzaldehyde	7.181	77	309831	49.546	ng/ul	91
8) Phenol	7.234	94	483470	32.508	ng/ul	95
10) Bis(2-Chloroethyl)ether	7.463	93	379552	32.007	ng/ul	97
12) 2-Chlorophenol	7.605	128	383028	34.097	ng/ul	97
13) 2-Methylphenol	8.499	108	370867	32.820	ng/ul	97
14) 2,2'-oxybis(1-Chloropr...	8.587	45	499110	33.368	ng/ul	96
16) Acetophenone	8.887	105	566263	31.705	ng/ul	95
17) N-Nitroso-di-n-propyla...	8.869	70	299115	33.634	ng/ul	93
18) 4-Methylphenol	8.834	108	402928	32.460	ng/ul	99
19) Hexachloroethane	9.140	117	154239	34.448	ng/ul	88
22) Nitrobenzene	9.269	77	440682	36.907	ng/ul	97
23) Isophorone	9.799	82	863717	35.129	ng/ul	99
25) 2-Nitrophenol	9.987	139	220296	43.455	ng/ul	95
26) 2,4-Dimethylphenol	10.046	107	425896	33.926	ng/ul	100
27) Bis(2-Chloroethoxy)met...	10.287	93	525185	34.109	ng/ul	98
29) 2,4-Dichlorophenol	10.528	162	367094	36.554	ng/ul	96
30) Naphthalene	10.934	128	1214885	32.808	ng/ul	100
32) 4-Chloroaniline	11.046	127	495552	29.377	ng/ul	98
33) Hexachlorobutadiene	11.210	225	205711	35.557	ng/ul	97
34) Caprolactam	11.834	113	128130	33.356	ng/ul	84
35) 4-Chloro-3-methylphenol	12.169	107	410922	36.307	ng/ul	98

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Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
36) 2-Methylnaphthalene	12.540	142	820193	32.742 ng/ul	97
37) 1-Methylnaphthalene	12.757	142	831829	33.042 ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.904	216	386887	34.510 ng/ul	97
40) Hexachlorocyclopentadiene	12.881	237	199564	29.900 ng/ul	96
41) 2,4,6-Trichlorophenol	13.145	196	278452	40.030 ng/ul	99
42) 2,4,5-Trichlorophenol	13.216	196	308573	40.430 ng/ul	97
43) 1,1'-Biphenyl	13.545	154	1039187	32.525 ng/ul	99
44) 2-Chloronaphthalene	13.587	162	822422	33.623 ng/ul	98
45) 2-Nitroaniline	13.798	65	266145	43.382 ng/ul	89
47) Dimethylphthalate	14.163	163	1045223	34.196 ng/ul	99
48) 2,6-Dinitrotoluene	14.287	165	229508	43.767 ng/ul	97
50) Acenaphthylene	14.434	152	1285203	31.957 ng/ul	99
51) 3-Nitroaniline	14.616	138	243998	41.767 ng/ul	99
52) Acenaphthene	14.775	153	883615	34.004 ng/ul	98
53) 2,4-Dinitrophenol	14.822	184	118185	46.038 ng/ul	98
55) 4-Nitrophenol	14.922	109	155425	32.607 ng/ul	95
56) Dibenzofuran	15.104	168	1178391	31.562 ng/ul	99
57) 2,4-Dinitrotoluene	15.075	165	320569	42.092 ng/ul	95
58) 2,3,4,6-Tetrachlorophenol	15.334	232	245623	41.928 ng/ul	98
59) Diethylphthalate	15.522	149	1112367	36.087 ng/ul	98
61) Fluorene	15.757	166	951917	32.328 ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.745	204	455495	33.557 ng/ul	96
63) 4-Nitroaniline	15.781	138	252224	43.022 ng/ul	99
66) 4,6-Dinitro-2-methylph...	15.834	198	159352	44.970 ng/ul	99
67) N-Nitrosodiphenylamine	15.963	169	850540	36.289 ng/ul	98
68) 4-Bromophenyl-phenylether	16.639	248	289415	38.914 ng/ul	96
69) Hexachlorobenzene	16.757	284	322237	36.398 ng/ul#	92
70) Atrazine	16.916	200	309223	37.284 ng/ul	96
71) Pentachlorophenol	17.104	266	205666	41.726 ng/ul	96
72) Phenanthrene	17.504	178	1520735	34.428 ng/ul	99
74) Anthracene	17.592	178	1513824	34.419 ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.510	216	410786	38.595 ng/uL	97
76) Pentachlorobenzene	15.022	250	375366	37.022 ng/uL	87
77) Carbazole	17.869	167	1429091	34.383 ng/ul	99
78) Di-n-butylphthalate	18.422	149	1987465	42.412 ng/ul	100
80) Fluoranthene	19.516	202	1630708	48.603 ng/ul	95
82) Pyrene	19.880	202	1624213	46.447 ng/ul#	91
83) Butylbenzylphthalate	20.769	149	832807	62.922 ng/ul	93
84) 3,3'-Dichlorobenzidine	21.563	252	435117	39.016 ng/ul#	94
85) Benzo(a)anthracene	21.633	228	1307529	37.127 ng/ul	97
86) Bis(2-ethylhexyl)phtha...	21.545	149	1227203	60.558 ng/ul	98
87) Chrysene	21.686	228	1234911	36.217 ng/ul	97
89) Di-n-octyl phthalate	22.504	149	1941132	65.069 ng/ul	100
90) Benzo(b)fluoranthene	23.386	252	1112328	35.900 ng/ul#	97
91) Benzo(k)fluoranthene	23.433	252	1124555m	40.574 ng/ul	
93) Benzo(a)pyrene	24.045	252	961733	32.442 ng/ul	95
94) Indeno(1,2,3-cd)pyrene	26.804	276	1126710	30.959 ng/ul	92
95) Dibenzo(a,h)anthracene	26.821	278	1017973	33.144 ng/ul	99
96) Benzo(g,h,i)perylene	27.621	276	987834	31.105 ng/ul#	91

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

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